

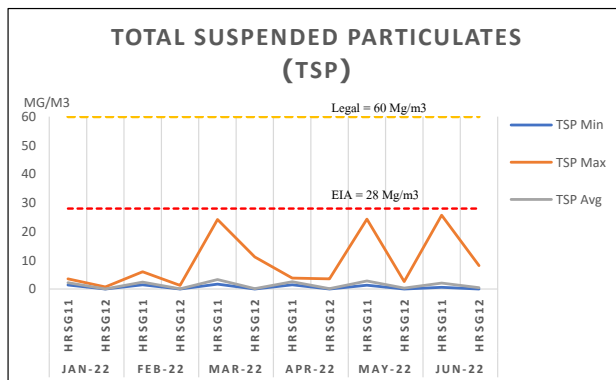
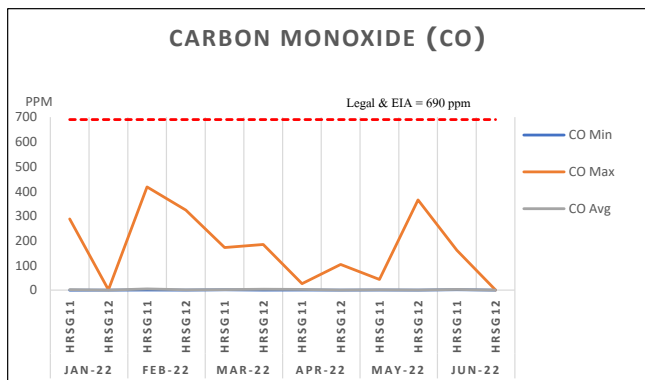
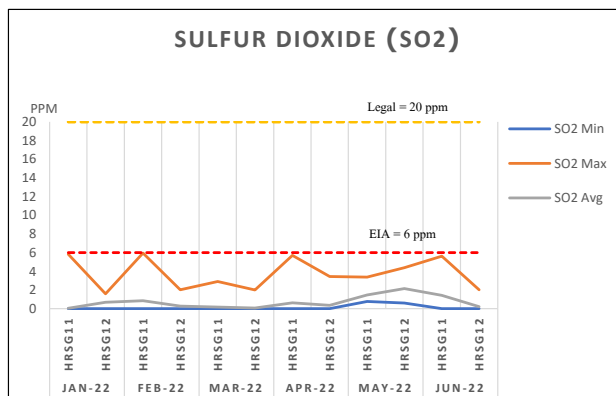
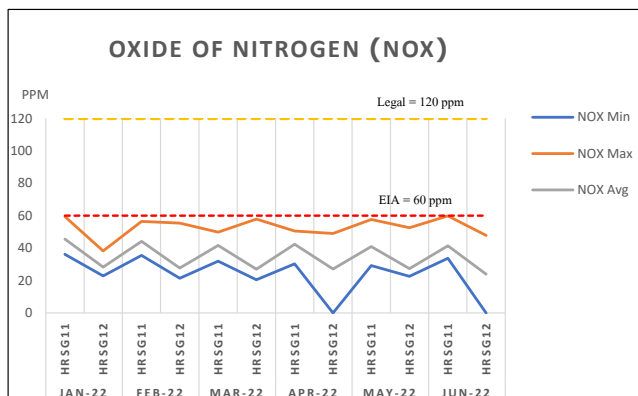
ภาคผนวก ข-48

ผลการตรวจสอบความถูกต้อง ของ CEMs

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List	Type	Unit	Jan-22		Feb-22		Mar-22		Apr-22		May-22		Jun-22	
			HRS G11	HRS G12	HRS G11	HRS G12	HRS G11	HRS G12	HRS G11	HRS G12	HRS G11	HRS G12	HRS G11	HRS G12
NOX	Min	ppm	36.15	22.87	35.54	21.44	31.91	20.51	30.31	0	29.25	22.54	33.67	0
	Max	ppm	59.46	38.24	56.47	55.36	49.86	57.86	50.56	48.93	57.65	52.53	59.83	47.79
	Avg	ppm	45.55	28.26	44.09	27.71	41.61	26.99	42.39	27.05	40.94	27.33	41.43	23.91
	Legal Std.	ppm	120	120	120	120	120	120	120	120	120	120	120	120
	EIA Std.	ppm	60	60	60	60	60	60	60	60	60	60	60	60
SO2	Min	ppm	0	0	0	0	0	0	0	0	0.77	0.6	0	0
	Max	ppm	5.83	1.59	5.95	2.02	2.91	2	5.7	3.44	3.37	4.39	5.63	2.02
	Avg	ppm	0.04	0.68	0.85	0.27	0.16	0.06	0.62	0.35	1.47	2.15	1.42	0.21
	Legal Std.	ppm	20	20	20	20	20	20	20	20	20	20	20	20
	EIA Std.	ppm	6	6	6	6	6	6	6	6	6	6	6	6
CO	Min	ppm	0.07	0	0.44	0	1.47	0	0.54	0	0.52	0	1.63	0
	Max	ppm	287.88	0.91	417.48	323.69	172.44	184.32	26.21	104.16	43.45	364.58	161.57	0.45
	Avg	ppm	2.19	0	4.83	1.47	2.34	3.63	2.45	0.45	1.36	0.8	2.65	0
	Legal & EIA Std.	ppm	690	690	690	690	690	690	690	690	690	690	690	690
TSP	Min	Mg/m3	1.39	0	1.45	0	1.7	0	1.49	0	1.31	0	0.62	0
	Max	Mg/m3	3.53	0.72	5.99	1.24	24.19	11.18	3.81	3.57	24.34	2.57	25.69	8.17
	Avg	Mg/m3	2.2	0.03	2.42	0.05	3.3	0.14	2.51	0.14	2.78	0.32	2.06	0.46
	Legal Std.	Mg/m3	60	60	60	60	60	60	60	60	60	60	60	60
	EIA Std.	Mg/m3	28	28	28	28	28	28	28	28	28	28	28	28





Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
01/01/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/01/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/01/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/01/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/01/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/01/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/01/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/01/2022 08:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/01/2022 09:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/01/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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03/01/2022 04:00	14.58	330219.6	1.73	40.65	0	2.12
03/01/2022 05:00	14.57	329022.1	1.73	39.74	0	2.39
03/01/2022 06:00	14.55	325458	1.73	39.45	0	2.12
03/01/2022 07:00	14.55	326061	1.77	39.37	0	2.17
03/01/2022 08:00	14.58	334975.5	1.72	40.13	0	2.29
03/01/2022 09:00	14.61	342425.1	1.7	40.77	0	2.29
03/01/2022 10:00	14.63	344788.9	1.69	41.13	0	2.31
03/01/2022 11:00	14.64	343588.5	1.7	41.12	0	2.22
03/01/2022 12:00	14.65	344663.7	1.71	41.25	0	1.93
03/01/2022 13:00	14.69	347553.7	1.71	41.33	0	2.25
03/01/2022 14:00	14.7	348324.5	1.7	41.61	0	2.26
03/01/2022 15:00	14.71	349172.2	1.7	41.78	0	2.21
03/01/2022 16:00	14.72	351433.5	1.71	42.03	0	2
03/01/2022 17:00	14.71	350947.1	1.68	42.21	0	2.07
03/01/2022 18:00	14.7	362822.6	1.68	43.23	0	1.72
03/01/2022 19:00	14.74	378802.7	1.68	43.85	0	1.87
03/01/2022 20:00	14.72	378359	1.82	42.99	0	1.91
03/01/2022 21:00	14.7	377568.3	1.87	42.19	0	1.96
03/01/2022 22:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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04/01/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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04/01/2022 13:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
04/01/2022 14:00	14.76	389645.8	1.72	45.35	0.03	2.43
04/01/2022 15:00	14.79	387435.6	1.73	49.29	0.01	2.32
04/01/2022 16:00	14.79	387356	1.7	49.88	0	2.28
04/01/2022 17:00	14.78	387734.3	1.71	50.03	0	2.16
04/01/2022 18:00	14.8	387475.4	1.66	47.09	0	1.83



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
04/01/2022 19:00	14.78	387045.9	1.69	46.73	0	1.83
04/01/2022 20:00	14.75	385646.5	1.75	45.23	0	1.84
04/01/2022 21:00	14.73	386633.5	1.81	44.33	0	1.9
04/01/2022 22:00	14.75	386991.9	1.83	45.27	0	2
04/01/2022 23:00	14.72	382850.4	1.8	44.93	0	2.01
04/01/2022 24:00	14.7	377039.2	1.77	44.84	0	1.84
05/01/2022 01:00	14.73	383615.5	1.75	45.22	0	1.92
05/01/2022 02:00	14.72	385282.4	1.8	44.87	0	2.03
05/01/2022 03:00	14.71	385091.8	1.78	44.09	0	1.9
05/01/2022 04:00	14.71	383757.8	1.78	44.18	0	1.87
05/01/2022 05:00	14.7	384076.3	1.78	44.02	0	1.89
05/01/2022 06:00	14.69	381766.6	1.84	42.8	0	1.88
05/01/2022 07:00	14.69	383325.4	1.86	43.13	0	1.87
05/01/2022 08:00	14.69	382455	1.88	43.18	0	1.87
05/01/2022 09:00	14.74	386667.6	1.78	45.01	0	1.88
05/01/2022 10:00	14.79	390874.6	1.71	47.33	0	2.32
05/01/2022 11:00	14.8	388812.3	1.72	49.55	0	2.23
05/01/2022 12:00	14.8	383197.4	1.74	50.71	0	1.98
05/01/2022 13:00	14.81	343824.6	1.72	47.55	0	2.17
05/01/2022 14:00	14.84	383604.2	1.77	53.31	0	2.64
05/01/2022 15:00	14.82	383012.5	1.8	52.73	0	2.64
05/01/2022 16:00	14.82	382887.3	1.81	52.61	0	2.54
05/01/2022 17:00	14.8	384258.4	1.79	51.85	0	2.18
05/01/2022 18:00	14.8	385660.7	1.79	50.53	0	2.1
05/01/2022 19:00	14.79	387637.6	1.78	48.83	0	2.08
05/01/2022 20:00	14.78	385774.5	1.81	46.65	0	2.09
05/01/2022 21:00	14.78	386969.1	1.78	47	0	2.15
05/01/2022 22:00	14.76	385825.7	1.96	46.19	0	2.02
05/01/2022 23:00	14.73	378290.7	1.93	44.49	0	1.75
05/01/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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06/01/2022 13:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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06/01/2022 15:00	14.83	380990.1	1.86	51.47	0.01	2.55
06/01/2022 16:00	14.82	381405.4	1.87	51.37	0	2.51
06/01/2022 17:00	14.81	383240.1	1.85	51.66	0	2.41
06/01/2022 18:00	14.79	384289.7	1.87	51.62	0	2.49
06/01/2022 19:00	14.79	385802.9	1.92	49.39	0	2.16
06/01/2022 20:00	14.79	385080.4	2.1	47.69	0	2.2
06/01/2022 21:00	14.79	386684.7	2.14	47.71	0	2.33
06/01/2022 22:00	14.77	385347.8	2.23	46.6	0	2.27
06/01/2022 23:00	14.73	377047.7	2.05	44.55	0	2.11
06/01/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
07/01/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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07/01/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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07/01/2022 13:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
07/01/2022 14:00	14.81	383442	1.87	48.17	0.1	2.53
07/01/2022 15:00	14.83	382748	1.87	51.37	0.05	2.66
07/01/2022 16:00	14.83	382457.8	1.88	51.52	0.01	2.68
07/01/2022 17:00	14.82	382173.4	1.87	51.53	0	2.58
07/01/2022 18:00	14.8	383874.4	1.89	51.17	0	2.22
07/01/2022 19:00	14.79	386263.7	1.91	50.07	0	2.04
07/01/2022 20:00	14.8	386784.3	1.91	47.37	0	2.02
07/01/2022 21:00	14.79	388052.9	1.91	47.32	0	1.97
07/01/2022 22:00	14.76	386616.4	1.99	45.49	0	1.96
07/01/2022 23:00	14.69	390945.7	2.18	47.57	0	1.96
07/01/2022 24:00	14.65	358891.6	2.14	40.13	0	1.71
08/01/2022 01:00	14.66	359150.5	2.09	40.4	0	1.85
08/01/2022 02:00	14.66	358789.2	2.06	40.92	0	2.22
08/01/2022 03:00	14.66	355154	2.15	40.71	0	2.25
08/01/2022 04:00	14.61	350998.3	2.16	39.55	0	2.1
08/01/2022 05:00	14.59	349795.1	2.16	38.72	0	2.03
08/01/2022 06:00	14.57	344578.4	2.25	38.3	0	2
08/01/2022 07:00	14.57	344638.1	2.44	38.09	0	1.95
08/01/2022 08:00	14.59	351214.5	2.32	38.25	0	1.84
08/01/2022 09:00	14.64	358951.3	2.13	39.77	0	1.63
08/01/2022 10:00	14.7	361286.6	2	41.7	0	1.84
08/01/2022 11:00	14.72	360467.4	1.95	42.37	0	1.79
08/01/2022 12:00	14.76	363129.8	1.91	43.19	0	1.86



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
08/01/2022 13:00	14.76	357298.7	1.91	44.17	0	1.99
08/01/2022 14:00	14.79	382961.3	1.95	50.05	0	2.1
08/01/2022 15:00	14.79	382728.1	1.92	50.48	0	2.22
08/01/2022 16:00	14.8	382955.6	1.94	51.25	0	2.44
08/01/2022 17:00	14.79	383325.4	1.93	50.77	0	2.37
08/01/2022 18:00	14.81	383945.5	1.93	49.12	0	2.25
08/01/2022 19:00	14.77	382702.5	1.93	45.78	0	2.27
08/01/2022 20:00	14.75	383715.1	1.95	45.41	0	2.25
08/01/2022 21:00	14.74	383928.4	2.12	44.69	0	2.16
08/01/2022 22:00	14.72	383567.2	2.04	43.67	0	2.09
08/01/2022 23:00	14.68	390519	2.01	46.93	0	1.86
08/01/2022 24:00	14.62	351291.3	2.23	39.13	0	1.7
09/01/2022 01:00	14.61	352468.9	2.26	38.64	0	1.63
09/01/2022 02:00	14.6	350918.6	2.29	38.09	0	1.59
09/01/2022 03:00	14.62	350144.9	2.24	38.84	0	1.88
09/01/2022 04:00	14.59	345977.8	2.29	38.68	0	2.07
09/01/2022 05:00	14.57	344128.9	2.38	38.13	0	1.98
09/01/2022 06:00	14.55	339205.2	2.27	38.32	0	2.19
09/01/2022 07:00	14.54	337544.1	2.27	38.49	0	2.04
09/01/2022 08:00	14.55	341037	2.28	38.3	0	2.29
09/01/2022 09:00	14.58	342083.8	2.15	39	0	1.65
09/01/2022 10:00	14.62	345989.2	2.04	39.27	0	1.53
09/01/2022 11:00	14.66	346774.3	2.02	40.1	0	1.54
09/01/2022 12:00	14.72	348978.7	1.93	42.33	0	1.56
09/01/2022 13:00	14.74	349212	1.92	42.81	0	2.1
09/01/2022 14:00	14.76	350025.5	1.93	43.21	0	2.23
09/01/2022 15:00	14.78	353495.7	1.96	44.03	0	2.35
09/01/2022 16:00	14.79	355637.6	1.96	43.96	0	2.31
09/01/2022 17:00	14.77	355185.3	1.95	44.07	0	2.13
09/01/2022 18:00	14.77	368932.5	1.98	46.58	0	2.18
09/01/2022 19:00	14.78	379431.3	2.06	46.01	0	2.24
09/01/2022 20:00	14.78	379690.2	2.08	46.17	0	2.22
09/01/2022 21:00	14.76	379570.7	2.16	45.13	0	2.1
09/01/2022 22:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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10/01/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
10/01/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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10/01/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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10/01/2022 13:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
10/01/2022 14:00	14.82	382594.4	2.05	49.29	0	2.5
10/01/2022 15:00	14.87	381897.5	2.06	55.4	0	2.41
10/01/2022 16:00	14.86	381829.2	2.08	55.32	0	2.47
10/01/2022 17:00	14.85	382045.4	2.11	55.33	0	2.37
10/01/2022 18:00	14.82	383407.9	2.11	53.76	0	2.24
10/01/2022 19:00	14.78	385131.6	2.2	51.25	0	2.1
10/01/2022 20:00	14.8	386642	2.22	50.16	0	2.01
10/01/2022 21:00	14.79	387455.5	2.34	48.37	0	2.21
10/01/2022 22:00	14.79	386880.9	2.32	48.66	0	2.5
10/01/2022 23:00	14.75	380975.9	2.38	48.09	0	2.39
10/01/2022 24:00	14.73	377309.4	2.5	45.67	0	2.06
11/01/2022 01:00	14.71	382526.1	2.35	45.05	0	1.6
11/01/2022 02:00	14.71	383752.1	2.67	45.09	0	1.82
11/01/2022 03:00	14.7	383149	2.38	44.46	0	1.71
11/01/2022 04:00	14.67	382489.1	2.47	42.84	0	2
11/01/2022 05:00	14.65	381880.4	2.49	41.52	0	2.34
11/01/2022 06:00	14.65	380515.1	2.51	41.6	0	2.15
11/01/2022 07:00	14.66	382301.4	2.52	42.24	0	2.19
11/01/2022 08:00	14.67	381712.6	2.45	42.67	0	2
11/01/2022 09:00	14.71	385057.7	2.22	44.09	0	1.81
11/01/2022 10:00	14.74	387205.2	2.08	44.49	0	1.69
11/01/2022 11:00	14.77	387859.4	2.07	46.25	0	1.8
11/01/2022 12:00	14.79	387054.5	2.08	48.32	0	1.8
11/01/2022 13:00	14.76	354058.9	2.09	46.69	0	1.92
11/01/2022 14:00	14.82	383112.1	2.11	52.84	0	2.36
11/01/2022 15:00	14.81	381815	2.12	52.47	0	2.42
11/01/2022 16:00	14.81	381189.2	2.13	52.45	0	2.45
11/01/2022 17:00	14.8	382699.6	2.15	52.33	0	1.86
11/01/2022 18:00	14.79	383641.1	2.21	52.41	0	1.96
11/01/2022 19:00	14.78	384454.6	2.31	51.88	0	2.14
11/01/2022 20:00	14.78	385768.8	2.53	48.68	0	2.06
11/01/2022 21:00	14.79	386744.4	2.51	48.5	0	1.97
11/01/2022 22:00	14.76	385515.6	2.83	47.31	0	1.9
11/01/2022 23:00	14.73	377653.6	2.54	46.35	0	2.05
11/01/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
12/01/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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12/01/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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12/01/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
12/01/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
12/01/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
12/01/2022 08:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
12/01/2022 09:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
12/01/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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12/01/2022 12:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
12/01/2022 13:00	15.82	259283.4	217.33	55.58	5.76	3.36
12/01/2022 14:00	14.74	388240.6	2.1	44.99	0	2.55
12/01/2022 15:00	14.79	386101.6	2.13	50.12	0	2.49
12/01/2022 16:00	14.81	385484.3	2.16	51.63	0	2.55
12/01/2022 17:00	14.8	385509.9	2.14	52.13	0	2.26
12/01/2022 18:00	14.79	386201.1	2.17	51.15	0	2.05
12/01/2022 19:00	14.77	387984.6	2.26	49.21	0	2.17
12/01/2022 20:00	14.78	388556.3	2.35	48.22	0	2.19
12/01/2022 21:00	14.77	389093.9	2.52	46.68	0	2.22
12/01/2022 22:00	14.74	387159.7	2.66	45.39	0	2.14
12/01/2022 23:00	14.71	376760.4	2.81	44	0	2.03
12/01/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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13/01/2022 12:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
13/01/2022 13:00	15.87	257525.5	225.3	59.46	5.83	3.05
13/01/2022 14:00	14.81	384909.8	2.15	48.13	0.17	2.12
13/01/2022 15:00	14.83	383228.7	2.16	51.6	0.09	2.5
13/01/2022 16:00	14.83	382873.1	2.17	51.9	0.05	2.64
13/01/2022 17:00	14.82	383533	2.19	52.09	0	2.5
13/01/2022 18:00	14.81	384269.8	2.22	52.2	0	2.31
13/01/2022 19:00	14.79	384997.9	2.19	49.89	0	2.15
13/01/2022 20:00	14.79	386716	2.22	49.47	0	2.05
13/01/2022 21:00	14.78	388217.8	2.37	47.19	0	2.09
13/01/2022 22:00	14.73	385709	2.3	44.11	0	2.15
13/01/2022 23:00	14.69	376470.3	2.19	42.33	0	2.36
13/01/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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14/01/2022 12:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
14/01/2022 13:00	16.11	253826.1	287.88	54.53	<Samp	3.34
14/01/2022 14:00	<Samp	388805	<Samp	<Samp	<Samp	1.94
14/01/2022 15:00	14.63	387318.6	0.24	53.04	1.71	2.29
14/01/2022 16:00	14.79	386701.8	0.12	53.18	0.17	2.38
14/01/2022 17:00	14.78	387043.1	0.08	53.65	0.04	2.18
14/01/2022 18:00	14.81	388101.2	0.07	52.24	0	1.96
14/01/2022 19:00	14.81	388434	0.08	51.03	0	2.05
14/01/2022 20:00	14.81	389355.6	0.22	51.53	0	2.37
14/01/2022 21:00	14.81	389512.1	0.44	51.51	0	2.31
14/01/2022 22:00	14.76	387222.3	0.35	48.73	0	2
14/01/2022 23:00	14.74	379559.3	0.2	48.24	0	2.02
14/01/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
15/01/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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15/01/2022 12:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
15/01/2022 13:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
15/01/2022 14:00	14.8	386184.1	0.12	50.34	0.8	2.27
15/01/2022 15:00	14.82	385746	0.11	54.47	0.71	2.37
15/01/2022 16:00	14.82	384906.9	0.11	54.72	0.3	2.54
15/01/2022 17:00	14.81	385851.3	0.13	54.27	0.13	2.32
15/01/2022 18:00	14.82	386559.5	0.12	52.97	0.01	2.27
15/01/2022 19:00	14.83	387282	0.24	51.73	0	2.29
15/01/2022 20:00	14.81	387082.9	0.38	51.09	0	2.24
15/01/2022 21:00	14.8	387387.3	0.74	50.98	0	2.03
15/01/2022 22:00	14.74	385194.2	0.36	48.22	0	2.03
15/01/2022 23:00	14.69	392689.3	0.3	50.76	0	2.39
15/01/2022 24:00	14.63	356488.1	0.34	42.02	0	2.1



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
16/01/2022 01:00	14.61	354539.6	0.49	41.28	0	2.12
16/01/2022 02:00	14.61	355512.4	0.64	41.12	0.03	2.1
16/01/2022 03:00	14.58	354263.7	0.59	39.93	0.04	2.15
16/01/2022 04:00	14.56	353111.7	0.51	39.23	0.04	2.8
16/01/2022 05:00	14.56	352648.1	0.33	39.06	0.04	2.21
16/01/2022 06:00	14.53	346051.8	0.23	38.63	0.01	2.2
16/01/2022 07:00	14.52	343460.5	0.3	38.56	0.01	2.13
16/01/2022 08:00	14.53	342988.3	0.36	38.8	0	2.34
16/01/2022 09:00	14.57	347018.9	0.19	39.72	0	1.51
16/01/2022 10:00	14.59	348327.3	0.15	39.83	0	1.6
16/01/2022 11:00	14.63	351481.8	0.14	40.75	0	1.77
16/01/2022 12:00	14.69	352608.3	0.14	43.12	0.01	1.6
16/01/2022 13:00	14.71	350142.1	0.12	44.31	0	1.86
16/01/2022 14:00	14.74	353137.3	0.12	45.86	0	2.19
16/01/2022 15:00	14.76	352798.8	0.14	46.39	0	2.36
16/01/2022 16:00	14.75	351860.2	0.14	46.19	0	2.28
16/01/2022 17:00	14.75	352138.9	0.13	46.27	0	2.34
16/01/2022 18:00	14.76	368409.1	0.15	50.61	0	2.02
16/01/2022 19:00	14.76	387785.5	0.23	54.35	0	2
16/01/2022 20:00	14.76	388758.3	0.42	54.3	0	2.13
16/01/2022 21:00	14.73	389358.5	0.61	53.09	0	2.15
16/01/2022 22:00	14.67	367928.4	0.61	47.67	0	1.77
16/01/2022 23:00	14.66	353928.1	0.53	43.18	0	1.84
16/01/2022 24:00	14.64	354670.5	0.56	42.33	0	1.78
17/01/2022 01:00	14.66	382546	0.65	47.38	0	1.97
17/01/2022 02:00	14.66	396352.9	0.64	50.61	0	1.97
17/01/2022 03:00	14.67	396554.9	0.45	51.17	0.01	2.29
17/01/2022 04:00	14.66	396680.1	0.43	50.96	0	2.28
17/01/2022 05:00	14.66	396921.8	0.44	50.39	0.01	2.21
17/01/2022 06:00	14.65	397334.3	0.6	49.73	0.03	2.26
17/01/2022 07:00	14.64	397675.6	0.55	49.39	0.01	2.09
17/01/2022 08:00	14.65	397479.3	0.63	49.95	0.04	1.91
17/01/2022 09:00	14.67	396458.2	0.53	50.13	0.02	1.9
17/01/2022 10:00	14.71	392834.4	0.32	51.48	0.04	1.93
17/01/2022 11:00	14.72	390442.2	0.27	51.19	0.04	1.86
17/01/2022 12:00	14.75	387634.7	0.25	51.76	0.01	1.93
17/01/2022 13:00	14.79	385902.5	0.2	54.09	0.01	2.1
17/01/2022 14:00	14.8	384875.6	0.19	54.43	0	2.2
17/01/2022 15:00	14.79	383996.7	0.23	53.8	0	2.09
17/01/2022 16:00	14.79	383240.1	0.21	53.06	0	2.2
17/01/2022 17:00	14.77	384360.8	0.22	52.41	0	2.04
17/01/2022 18:00	14.76	385487.2	0.26	52.56	0	1.94
17/01/2022 19:00	14.75	387492.5	0.35	52.36	0	1.94
17/01/2022 20:00	14.72	389731.1	0.62	51.43	0	1.79
17/01/2022 21:00	14.71	389605.9	0.51	51.31	0	1.85
17/01/2022 22:00	14.7	390433.7	0.42	50.61	0	1.77
17/01/2022 23:00	14.67	392464.6	0.56	49.57	0	1.79
17/01/2022 24:00	14.66	393218.4	0.55	49.72	0	1.93
18/01/2022 01:00	14.67	393656.4	0.52	50.06	0	2.01
18/01/2022 02:00	14.65	394990.5	0.58	49.27	0	1.96
18/01/2022 03:00	14.67	395047.3	0.5	50	0.01	2.09
18/01/2022 04:00	14.66	395348.9	0.54	49.75	0.03	2.17
18/01/2022 05:00	14.65	396125.4	0.72	49.6	0.05	2.05
18/01/2022 06:00	14.66	396281.8	0.63	50.3	0.04	2.1
18/01/2022 07:00	14.66	396577.7	0.8	50.34	0.09	2.29
18/01/2022 08:00	14.7	396159.5	0.58	53.22	0.06	2.3
18/01/2022 09:00	14.71	395647.5	0.49	53.09	0.06	1.92
18/01/2022 10:00	14.72	392709.2	0.48	52.34	0.01	1.74
18/01/2022 11:00	14.75	389648.6	0.32	53.28	0.03	1.55
18/01/2022 12:00	14.78	387722.9	0.16	54.46	0.03	1.39
18/01/2022 13:00	14.8	385845.6	0.15	54.53	0.02	1.87
18/01/2022 14:00	14.79	384636.7	0.15	53.57	0.03	2.13
18/01/2022 15:00	14.8	384406.3	0.17	53.84	0.04	2.21
18/01/2022 16:00	14.8	383894.3	0.18	53.81	0.02	2.31
18/01/2022 17:00	14.79	384167.3	0.17	53.89	0	2.17
18/01/2022 18:00	14.78	384810.2	0.19	54.06	0	1.93
18/01/2022 19:00	14.76	378407.3	0.3	50.97	0	1.95
18/01/2022 20:00	14.75	386821.2	0.31	50.91	0	2.1
18/01/2022 21:00	14.76	388055.7	0.34	49.3	0	1.82
18/01/2022 22:00	14.73	388482.4	0.36	49.49	0	1.89
18/01/2022 23:00	14.72	388593.3	0.35	52.21	0	2.5
18/01/2022 24:00	14.7	362250.9	0.31	44.7	0	2.4
19/01/2022 01:00	14.72	363328.9	0.26	45.66	0	2.45
19/01/2022 02:00	14.68	361178.6	0.39	44.79	0.02	2.19
19/01/2022 03:00	14.68	361545.5	0.29	44.71	0.01	1.88
19/01/2022 04:00	14.67	359799	0.29	44.41	0	2.26
19/01/2022 05:00	14.67	357989.9	0.31	44.27	0.04	2.46
19/01/2022 06:00	14.65	352471.7	0.29	43.87	0.08	2.49
19/01/2022 07:00	14.66	354334.8	0.35	44.03	0.11	2.41
19/01/2022 08:00	14.67	359884.3	0.33	44.48	0.11	2.42
19/01/2022 09:00	14.72	370221	0.24	45.6	0.12	2.32
19/01/2022 10:00	14.75	373079.7	0.21	46.85	0.05	2.25
19/01/2022 11:00	14.76	373136.6	0.19	47.26	0.01	2.06
19/01/2022 12:00	14.78	373054.1	0.2	47.52	0.02	1.82
19/01/2022 13:00	14.79	373742.5	0.19	48.05	0.01	2.04
19/01/2022 14:00	14.76	386252.3	0.23	52.68	0.01	2.33
19/01/2022 15:00	14.77	384611.1	0.23	52.56	0.02	2.49
19/01/2022 16:00	14.77	384565.6	0.25	52.81	0.04	2.58
19/01/2022 17:00	14.77	386147.1	0.24	53.18	0	2.4
19/01/2022 18:00	14.78	386437.2	0.23	52.49	0	2.18



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
19/01/2022 19:00	14.78	387296.3	0.28	50.45	0	2.2
19/01/2022 20:00	14.78	387683.1	0.43	49.12	0	1.97
19/01/2022 21:00	14.77	388846.5	0.6	49.02	0	2.06
19/01/2022 22:00	14.76	389551.9	0.58	51.22	0	2.18
19/01/2022 23:00	14.68	390302.8	0.7	49.74	0	2.05
19/01/2022 24:00	14.69	365729.7	0.51	43.68	0	1.79
20/01/2022 01:00	14.69	365445.2	0.38	44.09	0	1.61
20/01/2022 02:00	14.68	365610.2	0.75	43.23	0	1.96
20/01/2022 03:00	14.66	364711.3	0.65	42.64	0.06	1.95
20/01/2022 04:00	14.61	358996.9	0.65	40.8	0.05	1.82
20/01/2022 05:00	14.6	356610.4	0.62	40.51	0.1	2.18
20/01/2022 06:00	14.58	350381	0.61	40.84	0.08	2.1
20/01/2022 07:00	14.6	352093.4	0.64	41.58	0.07	1.87
20/01/2022 08:00	14.65	362046.1	0.54	42.74	0.07	1.83
20/01/2022 09:00	14.7	371796.9	0.36	44.37	0.07	1.73
20/01/2022 10:00	14.74	374911.5	0.27	46.03	0.05	1.71
20/01/2022 11:00	14.76	374197.6	0.22	46.24	0.13	1.8
20/01/2022 12:00	14.78	375232.9	0.21	46.56	0.07	1.73
20/01/2022 13:00	14.78	373881.8	0.21	47.03	0.09	1.83
20/01/2022 14:00	14.77	386238.1	0.24	52.72	0.02	2.11
20/01/2022 15:00	14.77	384847.2	0.25	52.42	0.02	2.3
20/01/2022 16:00	14.78	384323.8	0.25	52.65	0.01	2.05
20/01/2022 17:00	14.77	385180	0.26	52.88	0	1.89
20/01/2022 18:00	14.78	385512.8	0.25	51.66	0	1.82
20/01/2022 19:00	14.77	386903.7	0.34	50.51	0	1.96
20/01/2022 20:00	14.78	387475.4	0.32	49.95	0	2.07
20/01/2022 21:00	14.75	388337.3	0.4	49.07	0	2.21
20/01/2022 22:00	14.72	390032.6	0.37	48.51	0	2.3
20/01/2022 23:00	14.68	389520.6	0.34	48.81	0.04	2.42
20/01/2022 24:00	14.68	368483.1	0.3	41.48	0.68	2.15
21/01/2022 01:00	14.66	367607	0.31	39.85	1.41	2.34
21/01/2022 02:00	14.65	368867.1	0.36	39.92	0.19	2.35
21/01/2022 03:00	14.64	368184.4	0.36	39.47	0.13	2.3
21/01/2022 04:00	14.62	364500.9	0.34	38.87	0.12	2.18
21/01/2022 05:00	14.6	361989.2	0.3	38.45	0.02	2.22
21/01/2022 06:00	14.59	357506.4	0.38	38.47	0.01	2.31
21/01/2022 07:00	14.59	357486.5	0.33	39.33	0.02	2.04
21/01/2022 08:00	14.62	362552.4	0.29	39.94	0.02	2.54
21/01/2022 09:00	14.65	374601.5	0.19	41.06	0.04	3.23
21/01/2022 10:00	14.66	376140.3	0.16	41.37	0.02	3.12
21/01/2022 11:00	14.68	376575.5	0.14	42.01	0.06	2.22
21/01/2022 12:00	14.71	375261.4	0.13	42.73	0.02	1.74
21/01/2022 13:00	14.69	375901.4	0.14	42.65	0.03	1.86
21/01/2022 14:00	14.68	389910.3	0.16	47.84	0	2.08
21/01/2022 15:00	14.72	387981.8	0.14	46.37	0	1.95
21/01/2022 16:00	14.75	388721.3	0.12	48.52	0	2.29
21/01/2022 17:00	14.73	388226.4	0.15	48.57	0	2.05
21/01/2022 18:00	14.74	384872.8	0.17	46.24	0	2.12
21/01/2022 19:00	14.71	384184.4	0.2	44.64	0	2.33
21/01/2022 20:00	14.7	385023.5	0.21	44.18	0	2.36
21/01/2022 21:00	14.7	387458.4	0.28	44.51	0	2.25
21/01/2022 22:00	14.65	389890.4	0.22	45.38	0	3.03
21/01/2022 23:00	14.63	392373.6	0.22	47.41	0	2.82
21/01/2022 24:00	14.63	364463.9	0.23	40.29	0	2.26
22/01/2022 01:00	14.63	364674.4	0.22	40.29	0	2.21
22/01/2022 02:00	14.63	365314.4	0.25	40.21	0	2
22/01/2022 03:00	14.62	363784.1	0.24	39.75	0	2.19
22/01/2022 04:00	14.6	361150.1	0.22	39.17	0	2.41
22/01/2022 05:00	14.58	357711.2	0.27	38.75	0	2.58
22/01/2022 06:00	14.57	352642.4	0.27	38.72	0	2.82
22/01/2022 07:00	14.58	355657.5	0.27	38.51	0	3.29
22/01/2022 08:00	14.61	361744.6	0.28	39.01	0	2.85
22/01/2022 09:00	14.65	370545.3	0.21	40.21	0	2.03
22/01/2022 10:00	14.68	373020	0.17	41.55	0	1.89
22/01/2022 11:00	14.7	372852.2	0.14	41.83	0	1.73
22/01/2022 12:00	14.68	373304.4	0.14	41.32	0	1.76
22/01/2022 13:00	14.65	370090.2	0.14	40.03	0	2.78
22/01/2022 14:00	14.7	387873.7	0.17	48.49	0	2.38
22/01/2022 15:00	14.72	386872.4	0.19	49.3	0	2.16
22/01/2022 16:00	14.72	386388.9	0.2	49.53	0	2.4
22/01/2022 17:00	14.69	388809.5	0.21	49.06	0	2.49
22/01/2022 18:00	14.66	391329.7	0.2	48.86	0	2.65
22/01/2022 19:00	14.67	391341	0.39	49.46	0	2
22/01/2022 20:00	14.65	391326.8	0.51	48.26	0	2.01
22/01/2022 21:00	14.66	387813.9	0.29	45.61	0	1.96
22/01/2022 22:00	14.67	382938.6	0.36	43.08	0	2.25
22/01/2022 23:00	14.65	379402.9	0.39	42.24	0	2.4
22/01/2022 24:00	14.58	357372.7	0.23	38.43	0	2.05
23/01/2022 01:00	14.57	356934.6	0.23	38.11	0	2.39
23/01/2022 02:00	14.57	356380	0.2	38.28	0	2.26
23/01/2022 03:00	14.57	355151.2	0.17	38.31	0	2.22
23/01/2022 04:00	14.56	353401.8	0.26	38.15	0	2.57
23/01/2022 05:00	14.56	351461.9	0.28	38.21	0.01	2.44
23/01/2022 06:00	14.54	346816.9	0.26	37.96	0	2.98
23/01/2022 07:00	14.54	346023.3	0.31	37.9	0	2.8
23/01/2022 08:00	14.55	350466.4	0.31	38.24	0	2.09
23/01/2022 09:00	14.57	353845.6	0.24	38.29	0	1.63
23/01/2022 10:00	14.59	355643.3	0.24	38.53	0	1.85
23/01/2022 11:00	14.63	355392.9	0.25	39.86	0	1.88
23/01/2022 12:00	14.66	356277.6	0.23	40.79	0	1.81



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
23/01/2022 13:00	14.69	355387.3	0.21	42.11	0	2.1
23/01/2022 14:00	14.74	359750.6	0.2	44.12	0	2.2
23/01/2022 15:00	14.77	361218.4	0.21	44.82	0	2.28
23/01/2022 16:00	14.77	359190.3	0.22	45.79	0	2.22
23/01/2022 17:00	14.76	359929.8	0.2	45.14	0	2.06
23/01/2022 18:00	14.76	371529.5	0.22	49.1	0	1.99
23/01/2022 19:00	14.75	385700.5	0.36	52.58	0	1.85
23/01/2022 20:00	14.73	388385.7	0.5	52.07	0	1.89
23/01/2022 21:00	14.7	384147.4	0.45	47.61	0	2.17
23/01/2022 22:00	14.68	366110.8	0.58	43.7	0	1.99
23/01/2022 23:00	14.64	359113.5	0.55	41.41	0	1.99
23/01/2022 24:00	14.64	357614.5	0.65	41.5	0	2.27
24/01/2022 01:00	14.62	356041.5	0.51	40.5	0	2.27
24/01/2022 02:00	14.62	357952.9	0.49	40.13	0	2.14
24/01/2022 03:00	14.6	356855	0.56	39.71	0	2.36
24/01/2022 04:00	14.58	353905.3	0.64	39.03	0	3.09
24/01/2022 05:00	14.57	352906.9	0.58	38.62	0.01	3.15
24/01/2022 06:00	14.55	348947.4	0.56	38.45	0.01	2.78
24/01/2022 07:00	14.56	351649.7	0.54	38.75	0.01	2.59
24/01/2022 08:00	14.6	362151.3	0.48	39.49	0.01	2.42
24/01/2022 09:00	14.65	373694.1	0.34	40.77	0.03	2.19
24/01/2022 10:00	14.67	377721.8	0.27	41.54	0.02	2.05
24/01/2022 11:00	14.71	378825.5	0.25	42.7	0.05	1.98
24/01/2022 12:00	14.75	378455.7	0.27	44.26	0.02	2.12
24/01/2022 13:00	14.79	377775.9	0.23	46.63	0	2.03
24/01/2022 14:00	14.78	382227.4	0.27	50.91	0	2.23
24/01/2022 15:00	14.82	381411.1	0.3	54.29	0	2.29
24/01/2022 16:00	14.82	381081.1	0.3	54.12	0	2.23
24/01/2022 17:00	14.8	381732.5	0.32	53.39	0	2.19
24/01/2022 18:00	14.79	382728.1	0.33	53.06	0	2.04
24/01/2022 19:00	14.77	384892.7	0.43	53.03	0	1.8
24/01/2022 20:00	14.77	386653.4	0.6	51.32	0	1.93
24/01/2022 21:00	14.78	388124	0.6	49.79	0	2.13
24/01/2022 22:00	14.73	388266.2	0.65	49.58	0	2.11
24/01/2022 23:00	14.7	388621.8	0.94	50.8	0	2.06
24/01/2022 24:00	14.67	364057.1	0.76	42.74	0	1.93
25/01/2022 01:00	14.64	364008.8	0.63	40.75	0	2.32
25/01/2022 02:00	14.64	365931.6	0.57	39.82	0	2.27
25/01/2022 03:00	14.62	364364.3	0.57	39.37	0	2.01
25/01/2022 04:00	14.61	362009.1	0.6	38.95	0.01	1.96
25/01/2022 05:00	14.6	360032.3	0.69	39.12	0	1.93
25/01/2022 06:00	14.56	353271	0.77	38.72	0	2.56
25/01/2022 07:00	14.57	354636.3	0.78	39.14	0.01	2.39
25/01/2022 08:00	14.62	363237.9	0.74	40.19	0	2.7
25/01/2022 09:00	14.66	373711.2	0.61	40.98	0.02	2.19
25/01/2022 10:00	14.72	379018.9	0.42	43.75	0.01	2.16
25/01/2022 11:00	14.81	380930.4	0.36	48.5	0.04	1.89
25/01/2022 12:00	14.85	378703.2	0.31	50.75	0.01	1.52
25/01/2022 13:00	14.84	377869.8	0.33	49.94	0	1.87
25/01/2022 14:00	14.81	381507.8	0.37	53.33	0	2.05
25/01/2022 15:00	14.82	380739.8	0.34	53.74	0	2.5
25/01/2022 16:00	14.83	379198.1	0.37	54.33	0	2.64
25/01/2022 17:00	14.83	379292	0.37	53.52	0	2.34
25/01/2022 18:00	14.8	381103.9	0.38	53.46	0	2.02
25/01/2022 19:00	14.78	383550.1	0.53	53.63	0	1.77
25/01/2022 20:00	14.76	385771.6	0.57	52.49	0	1.78
25/01/2022 21:00	14.75	387057.3	0.81	52.9	0	2.08
25/01/2022 22:00	14.73	388075.6	0.72	50.06	0	2.2
25/01/2022 23:00	14.69	388200.8	0.87	49.92	0	2.05
25/01/2022 24:00	14.68	365823.5	0.7	42.48	0	2.2
26/01/2022 01:00	14.66	365493.6	0.66	41.23	0	2.27
26/01/2022 02:00	14.66	366398.1	0.71	40.89	0	2.03
26/01/2022 03:00	14.65	366423.7	0.75	40.83	0	1.99
26/01/2022 04:00	14.63	362674.7	0.78	40.1	0	1.88
26/01/2022 05:00	14.59	359491.8	0.78	39.3	0	2.35
26/01/2022 06:00	14.57	352594	0.73	39.83	0	2.4
26/01/2022 07:00	14.57	352864.3	0.75	39.65	0	2.04
26/01/2022 08:00	14.61	363235.1	0.71	39.71	0.01	2.6
26/01/2022 09:00	14.65	374095.2	0.54	40.51	0	1.86
26/01/2022 10:00	14.67	379021.8	0.36	40.95	0	2.04
26/01/2022 11:00	14.71	379670.3	0.37	42.26	0	2.03
26/01/2022 12:00	14.76	379166.8	0.36	44.51	0	2.01
26/01/2022 13:00	14.77	379456.9	0.33	44.8	0	2.24
26/01/2022 14:00	14.76	381411.1	0.39	48.92	0	2.25
26/01/2022 15:00	14.79	380250.6	0.41	50.52	0	2.14
26/01/2022 16:00	14.77	379246.5	0.42	49.6	0	2.1
26/01/2022 17:00	14.77	380142.5	0.42	50.53	0	2.11
26/01/2022 18:00	14.75	383268.5	0.48	50.9	0	1.84
26/01/2022 19:00	14.73	386004.9	0.65	49.58	0	2.22
26/01/2022 20:00	14.72	386397.4	0.88	49.55	0	2.25
26/01/2022 21:00	14.72	388106.9	0.94	48.8	0	1.85
26/01/2022 22:00	14.71	389685.6	0.7	48.62	0	2.12
26/01/2022 23:00	14.67	389736.8	0.53	48.42	0	2.28
26/01/2022 24:00	14.65	365362.7	0.52	40.78	0	2.17
27/01/2022 01:00	14.65	366196.2	0.52	39.91	0	2.43
27/01/2022 02:00	14.64	367772	0.78	39.77	0	2.34
27/01/2022 03:00	14.63	366730.9	0.83	39.31	0	2.43
27/01/2022 04:00	14.62	363940.5	0.75	38.95	0	2.14
27/01/2022 05:00	14.61	362410.2	0.68	38.51	0	2.03
27/01/2022 06:00	14.57	356453.9	0.71	37.82	0	2.53



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
27/01/2022 07:00	14.57	358126.5	0.65	37.73	0	3.53
27/01/2022 08:00	14.61	368707.8	0.63	38.12	0	3.22
27/01/2022 09:00	14.64	378148.5	0.46	39.64	0	2.8
27/01/2022 10:00	14.68	381948.7	0.38	41.21	0	2.32
27/01/2022 11:00	14.7	381664.3	0.34	42	0	2.24
27/01/2022 12:00	14.72	381078.3	0.34	42.78	0	2.04
27/01/2022 13:00	14.75	381783.7	0.33	44.18	0	1.99
27/01/2022 14:00	14.73	382779.3	0.39	47.73	0	2.2
27/01/2022 15:00	14.73	381118.1	0.41	47.65	0	2.14
27/01/2022 16:00	14.73	382227.4	0.45	48.44	0	2.13
27/01/2022 17:00	14.69	386184.1	0.56	47.83	0	2.07
27/01/2022 18:00	14.73	386980.5	0.63	47.32	0	2.41
27/01/2022 19:00	14.73	387506.7	0.62	47.66	0	2.21
27/01/2022 20:00	14.75	388206.5	0.73	46.94	0	2.21
27/01/2022 21:00	14.74	388684.3	0.68	46.48	0	2.1
27/01/2022 22:00	14.69	389839.2	0.74	47.37	0	2.32
27/01/2022 23:00	14.67	389861.9	0.84	48.52	0	2.31
27/01/2022 24:00	14.65	365945.8	0.77	40.62	0	2.35
28/01/2022 01:00	14.64	365226.2	0.77	39.68	0	2.53
28/01/2022 02:00	14.63	367146.2	0.91	39.3	0	2.78
28/01/2022 03:00	14.62	367049.5	0.65	38.71	0	2.54
28/01/2022 04:00	14.62	364648.8	0.59	38.55	0	2.77
28/01/2022 05:00	14.6	360888.4	0.56	38.37	0	2.38
28/01/2022 06:00	14.58	356172.3	0.66	37.91	0	2.11
28/01/2022 07:00	14.58	357881.8	0.65	38.06	0	2.01
28/01/2022 08:00	14.61	365308.7	0.72	38.24	0	2.6
28/01/2022 09:00	14.65	373981.4	0.63	39.76	0	2.53
28/01/2022 10:00	14.68	379320.4	0.49	41.04	0	2.13
28/01/2022 11:00	14.7	379977.5	0.43	42.05	0	2.07
28/01/2022 12:00	14.75	377918.1	0.47	43.42	0	2.11
28/01/2022 13:00	14.77	381257.5	0.46	44.26	0	2.34
28/01/2022 14:00	14.73	381257.5	0.48	46.7	0	2.15
28/01/2022 15:00	14.74	379735.7	0.49	47.06	0	2.26
28/01/2022 16:00	14.74	380304.6	0.53	47.53	0	2.12
28/01/2022 17:00	14.73	382437.9	0.56	48.01	0	2.25
28/01/2022 18:00	14.71	383097.8	0.58	47.83	0	2.38
28/01/2022 19:00	14.71	384739.1	0.62	48.38	0	2.37
28/01/2022 20:00	14.7	385925.2	0.78	48.25	0	2.27
28/01/2022 21:00	14.69	387040.3	0.83	47.61	0	2.24
28/01/2022 22:00	14.7	389634.4	0.74	47.16	0	2.46
28/01/2022 23:00	14.66	389409.7	0.76	47.5	0	2.47
28/01/2022 24:00	14.64	365502.1	0.78	39.9	0	2.41
29/01/2022 01:00	14.63	367083.6	0.64	38.77	0	2.75
29/01/2022 02:00	14.63	368059.3	0.58	38.25	0	2.83
29/01/2022 03:00	14.62	366179.1	0.76	38.02	0	2.21
29/01/2022 04:00	14.61	364913.3	0.77	37.85	0.1	2.84
29/01/2022 05:00	14.59	362088.8	0.79	37.51	0.14	3.38
29/01/2022 06:00	14.56	355592.1	0.69	36.93	0.07	3.36
29/01/2022 07:00	14.56	355742.8	0.57	36.91	0.04	3.13
29/01/2022 08:00	14.59	362600.8	0.54	37.26	0.01	2.82
29/01/2022 09:00	14.62	371614.8	0.5	37.84	0	2.3
29/01/2022 10:00	14.66	376842.9	0.48	39.25	0	2.19
29/01/2022 11:00	14.7	376655.2	0.5	41.05	0	2.3
29/01/2022 12:00	14.72	374092.3	0.54	41.76	0	2.23
29/01/2022 13:00	14.77	376660.9	0.51	44.36	0	2.37
29/01/2022 14:00	14.76	381425.3	0.53	49.37	0	2.48
29/01/2022 15:00	14.78	379983.2	0.54	50.19	0	2.5
29/01/2022 16:00	14.8	379786.9	0.56	52.12	0	2.73
29/01/2022 17:00	14.8	380808.1	0.56	52.69	0	2.45
29/01/2022 18:00	14.79	380441.1	0.6	52.4	0	2.32
29/01/2022 19:00	14.77	382034	0.64	51.99	0	2.01
29/01/2022 20:00	14.74	384218.6	0.67	48.73	0	1.69
29/01/2022 21:00	14.7	387395.8	0.63	44.92	0	2.16
29/01/2022 22:00	14.69	388098.4	0.74	46.17	0	2.44
29/01/2022 23:00	14.65	387023.2	0.61	45.84	0	2.64
29/01/2022 24:00	14.6	355970.4	0.53	37.99	0	2.49
30/01/2022 01:00	14.61	361642.2	0.52	37.75	0	2.79
30/01/2022 02:00	14.61	363235.1	0.49	37.61	0	3.14
30/01/2022 03:00	14.6	361838.5	0.54	37.34	0	3.41
30/01/2022 04:00	14.59	359537.3	0.55	37.13	0	3.31
30/01/2022 05:00	14.57	355907.8	0.71	36.86	0	2.96
30/01/2022 06:00	14.54	350446.5	0.7	36.68	0	2.53
30/01/2022 07:00	14.53	346472.8	0.71	36.45	0	2.37
30/01/2022 08:00	14.53	345562.6	0.77	36.36	0	2.63
30/01/2022 09:00	14.54	347391.5	0.76	36.48	0	2.27
30/01/2022 10:00	14.64	349860.5	0.69	40.54	0	1.98
30/01/2022 11:00	14.68	348907.6	2	41.25	0	1.78
30/01/2022 12:00	14.71	350733.8	0.64	43.08	0	1.73
30/01/2022 13:00	14.75	351524.5	0.6	44.93	0	2.18
30/01/2022 14:00	14.77	354189.8	0.65	45.2	0	2.61
30/01/2022 15:00	14.78	352576.9	0.67	46.32	0	2.62
30/01/2022 16:00	14.79	353222.6	0.64	46.5	0	2.67
30/01/2022 17:00	14.78	355045.9	0.64	46.11	0	2.59
30/01/2022 18:00	14.78	368309.6	0.73	49.58	0	2.31
30/01/2022 19:00	14.83	381180.7	0.68	50.27	0	1.9
30/01/2022 20:00	14.79	380765.4	0.69	48.5	0	1.82
30/01/2022 21:00	14.78	379400.1	0.74	48.35	0	1.9
30/01/2022 22:00	14.77	327013.9	0.74	46	0	1.87
30/01/2022 23:00	14.76	291082.9	0.62	42.77	0	2.1
30/01/2022 24:00	14.73	291324.7	0.54	40.97	0	2.12



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
31/01/2022 01:00	14.63	354440.1	0.66	39.31	0	2.4
31/01/2022 02:00	14.6	357241.8	0.65	38.55	0	2.77
31/01/2022 03:00	14.59	354807	0.77	38.11	0	2.66
31/01/2022 04:00	14.58	352858.6	0.92	38.26	0	2.44
31/01/2022 05:00	14.56	351023.9	0.79	37.73	0	2.31
31/01/2022 06:00	14.55	347434.2	0.73	37.44	0	2.55
31/01/2022 07:00	14.55	347849.5	0.79	37.34	0	2.45
31/01/2022 08:00	14.5	332657.3	0.86	36.66	0.03	2.37
31/01/2022 09:00	14.51	334543.2	0.71	36.15	0	2.07
31/01/2022 10:00	14.53	337191.3	0.64	36.44	0	2
31/01/2022 11:00	14.56	337953.7	0.68	37.15	0	1.73
31/01/2022 12:00	14.62	338386	0.72	39.58	0	1.77
31/01/2022 13:00	14.66	337905.3	0.72	41.53	0	2.18
31/01/2022 14:00	14.75	382315.6	0.68	48.68	0	2.79
31/01/2022 15:00	14.78	380136.8	0.68	50.96	0	2.64
31/01/2022 16:00	14.8	379246.5	0.64	52.02	0	2.79
31/01/2022 17:00	14.79	380224.9	0.67	52.22	0	2.71
31/01/2022 18:00	14.78	381522	0.77	51.91	0	2.44
31/01/2022 19:00	14.77	384446.1	0.77	49.97	0	2.24
31/01/2022 20:00	14.76	385145.8	0.76	47.23	0	2.1
31/01/2022 21:00	14.72	384323.8	0.76	45.15	0	2.04
31/01/2022 22:00	14.69	383501.8	0.68	43.75	0	2.42
31/01/2022 23:00	14.65	387654.6	0.75	46.14	0	2.68
31/01/2022 24:00	14.63	363320.4	0.76	39.56	0	2.44
Minimum	14.5	253826.1	0.07	36.15	0	1.39
MinDate	31/01/2022 08:00	14/01/2022 13:00	14/01/2022 18:00	31/01/2022 09:00	03/01/2022 03:00	18/01/2022 12:00
Maximum	16.11	397675.6	287.88	59.46	5.83	3.53
MaxDate	14/01/2022 13:00	17/01/2022 07:00	14/01/2022 13:00	13/01/2022 13:00	13/01/2022 13:00	27/01/2022 07:00
Avg	14.71	372474.65	2.19	45.55	0.04	2.2
Num	585	586	585	585	585	586
Data[%]	78.6	78.8	78.6	78.6	78.6	78.8
STD	0.2	21446.3	30.7	5.3	1	0.4



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
01/01/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/01/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/01/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/01/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/01/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/01/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/01/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/01/2022 08:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/01/2022 09:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/01/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/01/2022 11:00	NoData	NoData	NoData	NoData	NoData	NoData
01/01/2022 12:00	NoData	NoData	NoData	NoData	NoData	NoData
01/01/2022 13:00	NoData	NoData	NoData	NoData	NoData	NoData
01/01/2022 14:00	NoData	NoData	NoData	NoData	NoData	NoData
01/01/2022 15:00	NoData	NoData	NoData	NoData	NoData	NoData
01/01/2022 16:00	NoData	NoData	NoData	NoData	NoData	NoData
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01/01/2022 21:00	NoData	NoData	NoData	NoData	NoData	NoData
01/01/2022 22:00	NoData	NoData	NoData	NoData	NoData	NoData
01/01/2022 23:00	NoData	NoData	NoData	NoData	NoData	NoData
01/01/2022 24:00	NoData	NoData	NoData	NoData	NoData	NoData
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02/01/2022 13:00	NoData	NoData	NoData	NoData	NoData	NoData
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02/01/2022 19:00	NoData	NoData	NoData	NoData	NoData	NoData
02/01/2022 20:00	NoData	NoData	NoData	NoData	NoData	NoData
02/01/2022 21:00	NoData	NoData	NoData	NoData	NoData	NoData
02/01/2022 22:00	NoData	NoData	NoData	NoData	NoData	NoData
02/01/2022 23:00	NoData	NoData	NoData	NoData	NoData	NoData
02/01/2022 24:00	NoData	NoData	NoData	NoData	NoData	NoData
03/01/2022 01:00	NoData	NoData	NoData	NoData	NoData	NoData
03/01/2022 02:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
03/01/2022 03:00	14.02	301146.6	0	28.75	0	0
03/01/2022 04:00	14	299602	0	28.24	0	0
03/01/2022 05:00	13.98	297514.2	0	27.5	0	0
03/01/2022 06:00	13.96	293426.7	0	27.57	0	0
03/01/2022 07:00	13.96	294254.5	0	27.51	0	0
03/01/2022 08:00	14	304969.5	0	27.33	0	0
03/01/2022 09:00	14.02	314060.3	0	27.47	0	0
03/01/2022 10:00	14.05	316941.8	0	27.46	0	0
03/01/2022 11:00	14.06	317194.9	0	27.49	0	0.63
03/01/2022 12:00	14.08	319481.8	0	27.17	0	0
03/01/2022 13:00	14.11	323495.3	0	26.91	0	0
03/01/2022 14:00	14.13	324675.8	0	26.96	0	0
03/01/2022 15:00	14.14	325836.3	0	26.89	0	0
03/01/2022 16:00	14.15	328299.6	0	26.81	0	0
03/01/2022 17:00	14.14	327508.9	0	26.91	0	0
03/01/2022 18:00	14.12	338423	0	27.75	0	0
03/01/2022 19:00	14.14	356112.6	0	27.68	0	0
03/01/2022 20:00	14.12	355546.6	0	27.16	0	0
03/01/2022 21:00	14.1	355449.8	0	26.58	0	0
03/01/2022 22:00	14.1	349385.5	0	27.67	0	0
03/01/2022 23:00	14.12	356294.6	0	27.79	0	0
03/01/2022 24:00	14.12	355114.2	0	27.87	0	0
04/01/2022 01:00	14.11	355242.2	0	27.53	0	0
04/01/2022 02:00	14.09	354130	0	26.84	0	0
04/01/2022 03:00	14.08	353990.6	0	26.51	0	0
04/01/2022 04:00	14.08	354104.4	0	26.21	0	0
04/01/2022 05:00	14.08	353709	0	26.17	0	0
04/01/2022 06:00	14.07	353527	0	26.03	0	0
04/01/2022 07:00	14.07	352955.3	0	26.23	0	0
04/01/2022 08:00	14.08	354041.8	0	26.6	0	0
04/01/2022 09:00	14.11	360831.5	0	27.34	0	0
04/01/2022 10:00	14.12	360299.6	0	27.75	0	0
04/01/2022 11:00	14.14	361864.1	0	27.9	0	0.63
04/01/2022 12:00	14.16	361733.2	0	28.27	0	0
04/01/2022 13:00	14.1	296000.4	0	28.61	0	0
04/01/2022 14:00	14.18	369424.6	0	30.51	0	0
04/01/2022 15:00	14.18	368192.9	0	31.3	0	0
04/01/2022 16:00	14.19	367723.6	0	31.62	0	0
04/01/2022 17:00	14.19	368019.4	0	31.49	0	0
04/01/2022 18:00	14.2	365192.1	0	29.39	0	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
04/01/2022 19:00	14.18	363940.5	0	29.33	0	0
04/01/2022 20:00	14.15	362114.4	0	28.61	0	0
04/01/2022 21:00	14.13	363932	0	27.74	0	0
04/01/2022 22:00	14.13	363471.2	0	28.13	0	0
04/01/2022 23:00	14.13	353640.6	0	28.68	0	0.01
04/01/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
05/01/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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05/01/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/01/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/01/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/01/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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05/01/2022 08:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/01/2022 09:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/01/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/01/2022 11:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/01/2022 12:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
05/01/2022 13:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
05/01/2022 14:00	14.24	369140.2	0	33.22	0	0
05/01/2022 15:00	14.24	368372.2	0	33.67	0	0
05/01/2022 16:00	14.24	366634.2	0	33.81	0	0
05/01/2022 17:00	14.22	367993.8	0	33.13	0	0
05/01/2022 18:00	14.22	369683.4	0	31.98	0	0
05/01/2022 19:00	14.21	371253.6	0	30.54	0	0
05/01/2022 20:00	14.18	367296.9	0	29.48	0	0
05/01/2022 21:00	14.18	368892.7	0	29.58	0	0
05/01/2022 22:00	14.16	368047.9	0	29.17	0	0
05/01/2022 23:00	14.12	360131.8	0	28.23	0	0
05/01/2022 24:00	14.09	352807.3	0	26.87	0	0
06/01/2022 01:00	14.1	357355.6	0	27.36	0	0
06/01/2022 02:00	14.11	360379.3	0	27.57	0	0
06/01/2022 03:00	14.1	359966.8	0	27.23	0	0
06/01/2022 04:00	14.08	357640.1	0	26.68	0	0
06/01/2022 05:00	14.07	357250.4	0	26.73	0	0
06/01/2022 06:00	14.08	355475.4	0	27.54	0	0
06/01/2022 07:00	14.06	356166.6	0	27.22	0	0
06/01/2022 08:00	14.06	355956.2	0	26.68	0	0
06/01/2022 09:00	14.1	360336.6	0	27.57	0	0
06/01/2022 10:00	14.14	362506.9	0	28.04	0	0
06/01/2022 11:00	14.2	365672.8	0	29.57	0	0.64
06/01/2022 12:00	14.25	365675.6	0	31.97	0	0
06/01/2022 13:00	14.19	327702	0	31.07	0	0
06/01/2022 14:00	14.22	367183.2	0	33.13	0	0
06/01/2022 15:00	14.23	365226.2	0	33.45	0	0
06/01/2022 16:00	14.21	364347.3	0	33.1	0	0
06/01/2022 17:00	14.21	365007.2	0	33.02	0	0
06/01/2022 18:00	14.21	368534.3	0	32.49	0	0
06/01/2022 19:00	14.2	369162.9	0	30.66	0	0
06/01/2022 20:00	14.19	367277	0	29.96	0	0
06/01/2022 21:00	14.18	368798.8	0	29.71	0	0
06/01/2022 22:00	14.16	366679.7	0	29.19	0	0
06/01/2022 23:00	14.12	359386.6	0	28.08	0	0
06/01/2022 24:00	14.09	351112.1	0	27.18	0	0
07/01/2022 01:00	14.07	356431.2	0	26.57	0	0
07/01/2022 02:00	14.1	359298.4	0	27.25	0	0
07/01/2022 03:00	14.11	359213	0	27.69	0	0
07/01/2022 04:00	14.11	357844.9	0	27.9	0	0
07/01/2022 05:00	14.09	357847.7	0	27.51	0	0
07/01/2022 06:00	14.06	354912.3	0	26.43	0	0
07/01/2022 07:00	14.06	356397	0	26.74	0	0
07/01/2022 08:00	14.09	356570.6	0	27.86	0	0
07/01/2022 09:00	14.12	359983.9	0	28.17	0	0
07/01/2022 10:00	14.17	364947.4	0	29.1	0	0
07/01/2022 11:00	14.22	366090.9	0	30.28	0	0.64
07/01/2022 12:00	14.24	366065.3	0	31.17	0	0
07/01/2022 13:00	14.16	320914	0	31.02	0	0
07/01/2022 14:00	14.22	368298.2	0	33.09	0	0
07/01/2022 15:00	14.22	367911.3	0	33.11	0	0
07/01/2022 16:00	14.22	366722.4	0	33.07	0	0
07/01/2022 17:00	14.22	365854.8	0	33.03	0	0
07/01/2022 18:00	14.2	366762.2	0	32.37	0	0
07/01/2022 19:00	14.21	368963.8	0	30.83	0	0
07/01/2022 20:00	14.19	367498.9	0	29.42	0	0
07/01/2022 21:00	14.18	368440.4	0	29.33	0	0
07/01/2022 22:00	14.15	367342.5	0	28.34	0	0
07/01/2022 23:00	14.09	373566.1	0	29.27	0	0
07/01/2022 24:00	14.05	335160.4	0	25.66	0	0
08/01/2022 01:00	14.07	335308.3	0	25.77	0	0
08/01/2022 02:00	14.08	335248.6	0	26.16	0	0
08/01/2022 03:00	14.07	331192.4	0	25.94	0	0
08/01/2022 04:00	14.03	326063.9	0	25.57	0	0
08/01/2022 05:00	14.02	324331.6	0	25.17	0	0
08/01/2022 06:00	13.99	317641.5	0	25.3	0	0
08/01/2022 07:00	13.98	318179.1	0	25.05	0	0
08/01/2022 08:00	14.01	325938.7	0	24.91	0	0
08/01/2022 09:00	14.06	335328.3	0	25.35	0	0
08/01/2022 10:00	14.11	338744.4	0	26.61	0	0
08/01/2022 11:00	14.13	339108.5	0	26.98	0	0.65
08/01/2022 12:00	14.17	341446.6	0	27.67	0	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
08/01/2022 13:00	14.17	335552.9	0	28.68	0	0
08/01/2022 14:00	14.2	365675.6	0	31.68	0	0
08/01/2022 15:00	14.2	365169.3	0	32.02	0	0
08/01/2022 16:00	14.2	364517.9	0	32.53	0	0
08/01/2022 17:00	14.2	365652.9	0	32.03	0	0
08/01/2022 18:00	14.21	365069.8	0	30.83	0	0
08/01/2022 19:00	14.16	362771.4	0	28.67	0	0
08/01/2022 20:00	14.15	363397.2	0	28.42	0	0
08/01/2022 21:00	14.13	363761.3	0	27.76	0	0
08/01/2022 22:00	14.11	363593.5	0	27.09	0	0
08/01/2022 23:00	14.08	372567.7	0	28.73	0	0
08/01/2022 24:00	14.03	325819.3	0	25.05	0	0
09/01/2022 01:00	14.03	327161.8	0	24.57	0	0
09/01/2022 02:00	14.02	325864.8	0	24.42	0	0
09/01/2022 03:00	14.03	325011.4	0	25.13	0	0
09/01/2022 04:00	14.01	320141.8	0	25.46	0	0
09/01/2022 05:00	13.98	317852	0	25.12	0	0
09/01/2022 06:00	13.97	311301.2	0	25.9	0	0
09/01/2022 07:00	13.96	309207.7	0	26.08	0	0
09/01/2022 08:00	13.97	313389	0	25.63	0	0
09/01/2022 09:00	14	315169.7	0	26.07	0	0
09/01/2022 10:00	14.04	320585.5	0	25.84	0	0
09/01/2022 11:00	14.08	321811.4	0	26.42	0	0.63
09/01/2022 12:00	14.14	324923.3	0	27.65	0	0
09/01/2022 13:00	14.17	325785.1	0	27.9	0	0
09/01/2022 14:00	14.18	329192.8	0	27.87	0	0
09/01/2022 15:00	14.2	332270.5	0	28.31	0	0
09/01/2022 16:00	14.2	333701.2	0	28.29	0	0
09/01/2022 17:00	14.19	332927.5	0	28.32	0	0
09/01/2022 18:00	14.17	347943.3	0	29.58	0	0
09/01/2022 19:00	14.17	358720.9	0	28.9	0	0
09/01/2022 20:00	14.16	359540.2	0	28.86	0	0
09/01/2022 21:00	14.14	358891.6	0	28.15	0	0
09/01/2022 22:00	14.11	347971.8	0	28.17	0	0
09/01/2022 23:00	14.12	356382.8	0	27.36	0	0
09/01/2022 24:00	14.14	357045.6	0	28.09	0	0
10/01/2022 01:00	14.11	356360.1	0	27.27	0	0
10/01/2022 02:00	14.09	354366.1	0	27.09	0	0
10/01/2022 03:00	14.08	353800.1	0	26.61	0	0
10/01/2022 04:00	14.08	353743.2	0	27.06	0	0
10/01/2022 05:00	14.09	354090.2	0	27.25	0	0
10/01/2022 06:00	14.07	354192.6	0	26.47	0	0
10/01/2022 07:00	14.06	353165.8	0	25.83	0	0
10/01/2022 08:00	14.06	355961.8	0	25.99	0	0
10/01/2022 09:00	14.1	362017.7	0	27.41	0	0
10/01/2022 10:00	14.13	362976.3	0	29.24	0	0
10/01/2022 11:00	14.18	366073.8	0	30.46	0	0.64
10/01/2022 12:00	14.22	365553.3	0	32.73	0	0
10/01/2022 13:00	14.17	326358.1	0	32.92	0	0
10/01/2022 14:00	14.22	366824.8	0	34.92	0	0
10/01/2022 15:00	14.24	366497.7	0	36.79	0	0
10/01/2022 16:00	14.24	364884.9	0	36.48	0	0
10/01/2022 17:00	14.23	365092.5	0	36.38	0	0
10/01/2022 18:00	14.21	367012.5	0	35.12	0	0
10/01/2022 19:00	14.17	368747.6	0	33.13	0	0
10/01/2022 20:00	14.19	369430.3	0	32.32	0	0
10/01/2022 21:00	14.17	369609.5	0	30.91	0	0
10/01/2022 22:00	14.17	368099.1	0	31.07	0	0
10/01/2022 23:00	14.15	359301.1	0	31.11	0	0.01
10/01/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
11/01/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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11/01/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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11/01/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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11/01/2022 08:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
11/01/2022 09:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
11/01/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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11/01/2022 12:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
11/01/2022 13:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
11/01/2022 14:00	14.2	369054.8	0	33.55	0	0
11/01/2022 15:00	14.22	367808.9	0	34.15	0	0
11/01/2022 16:00	14.21	367220.2	0	34.22	0	0
11/01/2022 17:00	14.2	367544.4	0	34	0	0
11/01/2022 18:00	14.19	368576.9	0	34.16	0	0
11/01/2022 19:00	14.18	369450.2	0	33.44	0	0
11/01/2022 20:00	14.18	371003.3	0	31.1	0	0
11/01/2022 21:00	14.18	372428.3	0	31.04	0	0
11/01/2022 22:00	14.15	369532.7	0	30.48	0	0
11/01/2022 23:00	14.11	361983.5	0	30.15	0	0
11/01/2022 24:00	14.11	352437.6	0	29.71	0	0
12/01/2022 01:00	14.13	359068	0	29.78	0	0
12/01/2022 02:00	14.1	359378	0	28.7	0	0
12/01/2022 03:00	14.05	356362.9	0	27.45	0	0
12/01/2022 04:00	14.04	356599	0	26.69	0	0
12/01/2022 05:00	14.03	357298.7	0	26.51	0	0
12/01/2022 06:00	14.02	356121.1	0	26.32	0	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
12/01/2022 07:00	14.02	356869.2	0	26.15	0	0.01
12/01/2022 08:00	14.04	358018.4	0	27.03	0	0
12/01/2022 09:00	14.06	359915.6	0	27.47	0	0
12/01/2022 10:00	14.09	362836.9	0	27.5	0	0
12/01/2022 11:00	14.12	364549.2	0	27.88	0	0.63
12/01/2022 12:00	14.14	365285.9	0	28.86	0	0
12/01/2022 13:00	14.06	299207.9	0	28.78	0	0
12/01/2022 14:00	14.14	370787.1	0	31.44	0	0
12/01/2022 15:00	14.17	370525.4	0	32.99	0	0
12/01/2022 16:00	14.19	369891.1	0	33.93	0	0
12/01/2022 17:00	14.19	369657.8	0	34.22	0	0
12/01/2022 18:00	14.19	370209.7	0	33.06	0	0
12/01/2022 19:00	14.18	372166.6	0	31.5	0	0
12/01/2022 20:00	14.18	371782.6	0	30.68	0	0
12/01/2022 21:00	14.15	371742.8	0	29.61	0	0
12/01/2022 22:00	14.11	368855.7	0	29.15	0	0
12/01/2022 23:00	14.07	363715.8	0	28.5	0	0
12/01/2022 24:00	14.12	356385.7	0	29.34	0	0
13/01/2022 01:00	14.1	358206.1	0	29.01	0	0
13/01/2022 02:00	14.1	359921.3	0	29.06	0	0
13/01/2022 03:00	14.11	359426.4	0	29.2	0	0
13/01/2022 04:00	14.1	358843.3	0	29.09	0	0
13/01/2022 05:00	14.08	358183.3	0	28.6	0	0
13/01/2022 06:00	14.07	356786.7	0	28.19	0	0
13/01/2022 07:00	14.07	358086.6	0	28.21	0	0
13/01/2022 08:00	14.07	356909	0	28.28	0	0
13/01/2022 09:00	14.11	360763.3	0	28.84	0	0
13/01/2022 10:00	14.12	362686.1	0	26.9	0	0
13/01/2022 11:00	14.18	365630.1	0	28.34	0	0.64
13/01/2022 12:00	14.24	366551.7	0	30.91	0	0
13/01/2022 13:00	14.14	294972.4	0	30.55	0	0
13/01/2022 14:00	14.22	368403.4	0	32.96	0	0
13/01/2022 15:00	14.22	368713.5	0	33.4	0	0
13/01/2022 16:00	14.22	367607	0	33.38	0	0
13/01/2022 17:00	14.22	368505.8	0	33.39	0	0
13/01/2022 18:00	14.21	369168.6	0	33.18	0	0
13/01/2022 19:00	14.19	368653.8	0	31.37	0	0
13/01/2022 20:00	14.2	371094.3	0	30.72	0	0
13/01/2022 21:00	14.18	372098.4	0	29.19	0	0
13/01/2022 22:00	14.12	367800.4	0	27.6	0	0
13/01/2022 23:00	14.07	364645.9	0	26.6	0	0
13/01/2022 24:00	14.06	355088.6	0	25.67	0	0
14/01/2022 01:00	14.07	358621.4	0	25.82	0	0
14/01/2022 02:00	14.06	360439	0	25.78	0	0
14/01/2022 03:00	14.05	359790.5	0	25.26	0	0
14/01/2022 04:00	14.04	358900.2	0	24.9	0	0
14/01/2022 05:00	14.03	358848.9	0	24.88	0	0.11
14/01/2022 06:00	14.03	357173.6	0	24.74	0	0.13
14/01/2022 07:00	14.03	358968.4	0	24.97	0	0
14/01/2022 08:00	14.03	358115.1	0	25.11	0	0
14/01/2022 09:00	14.08	361827.1	0	26.38	0	0
14/01/2022 10:00	14.12	363809.7	0	27.4	0	0
14/01/2022 11:00	14.16	365559	0	27.88	0	0.64
14/01/2022 12:00	14.2	366947.1	0	29	0	0
14/01/2022 13:00	14.14	329000.7	0	29.66	0	0
14/01/2022 14:00	14	371532.2	<Samp	<Samp	<Samp	0
14/01/2022 15:00	14.19	371592.1	0	33.33	1.06	0
14/01/2022 16:00	14.19	370499.8	0	33.4	0.92	0
14/01/2022 17:00	14.19	370570.9	0	33.49	0.86	0
14/01/2022 18:00	14.22	370152.8	0	32.19	0.84	0
14/01/2022 19:00	14.21	370095.9	0	31.49	0.79	0
14/01/2022 20:00	14.21	370684.7	0	31.79	0.83	0
14/01/2022 21:00	14.21	371885	0	31.84	0.96	0
14/01/2022 22:00	14.16	369310.8	0	30.22	0.97	0
14/01/2022 23:00	14.13	361892.5	0	29.83	0.96	0
14/01/2022 24:00	14.11	350551.7	0	29.33	0.98	0
15/01/2022 01:00	14.09	356160.9	0	28.25	1.07	0
15/01/2022 02:00	14.06	358106.6	0	27.43	1.1	0
15/01/2022 03:00	14.04	357111	0	26.45	1.14	0
15/01/2022 04:00	14.03	357472.3	0	25.9	1.26	0
15/01/2022 05:00	14.03	357532	0	26.03	1.26	0
15/01/2022 06:00	14.05	355626.2	0	27.02	1.32	0
15/01/2022 07:00	14.06	356914.7	0	27.7	1.46	0
15/01/2022 08:00	14.06	357330	0	27.69	1.47	0
15/01/2022 09:00	14.09	359488.9	0	28.1	1.47	0
15/01/2022 10:00	14.14	362504.1	0	29.41	1.41	0
15/01/2022 11:00	14.18	364822.3	0	30.05	1.42	0.64
15/01/2022 12:00	14.22	365755.3	0	31.07	1.35	0
15/01/2022 13:00	14.16	323479.3	0	32.08	1.19	0
15/01/2022 14:00	14.21	370272.3	0	33.78	1.05	0
15/01/2022 15:00	14.22	369865.5	0	34.56	1.08	0
15/01/2022 16:00	14.22	368787.4	0	34.63	1.01	0
15/01/2022 17:00	14.21	369194.2	0	34.04	0.93	0
15/01/2022 18:00	14.23	369060.5	0	33.1	0.91	0
15/01/2022 19:00	14.23	369228.3	0	32.02	0.86	0
15/01/2022 20:00	14.2	368724.9	0	31.55	0.87	0
15/01/2022 21:00	14.19	369356.3	0	31.54	0.97	0
15/01/2022 22:00	14.13	365988.5	0	29.78	1.04	0
15/01/2022 23:00	14.1	376982.3	0	30.94	1.06	0
15/01/2022 24:00	14.05	333189.2	0	26.46	1.12	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
16/01/2022 01:00	14.03	330743	0	25.95	1.09	0
16/01/2022 02:00	14.03	332779.6	0	25.74	1.2	0
16/01/2022 03:00	14	331309	0	25.06	1.18	0
16/01/2022 04:00	13.98	329477.2	0	24.62	1.24	0
16/01/2022 05:00	13.98	329039.2	0	24.43	1.3	0
16/01/2022 06:00	13.95	320562.7	0	24.78	1.31	0
16/01/2022 07:00	13.94	317354.2	0	24.98	1.35	0
16/01/2022 08:00	13.95	318108	0	25.07	1.34	0
16/01/2022 09:00	13.98	320773.2	0	25.63	1.34	0
16/01/2022 10:00	14.01	323324.7	0	25.47	1.36	0
16/01/2022 11:00	14.05	325694.1	0	25.96	1.34	0.62
16/01/2022 12:00	14.11	327400.8	0	27.52	1.33	0
16/01/2022 13:00	14.14	329010.7	0	28.22	1.18	0
16/01/2022 14:00	14.17	330324.9	0	29.01	0.99	0
16/01/2022 15:00	14.18	331215.2	0	29.31	1.06	0
16/01/2022 16:00	14.18	329548.3	0	29.21	1.07	0
16/01/2022 17:00	14.18	330467.1	0	29.24	0.96	0
16/01/2022 18:00	14.17	349556.2	0	31.71	0.88	0
16/01/2022 19:00	14.17	371779.8	0	33.46	0.79	0
16/01/2022 20:00	14.16	373389.8	0	33.28	0.86	0
16/01/2022 21:00	14.14	373867.6	0	32.37	0.91	0
16/01/2022 22:00	14.08	348264.8	0	29.64	0.95	0
16/01/2022 23:00	14.07	330597.9	0	26.89	1	0
16/01/2022 24:00	14.06	331573.6	0	26.45	1.05	0
17/01/2022 01:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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18/01/2022 08:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
18/01/2022 09:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
18/01/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
18/01/2022 11:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
18/01/2022 12:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
18/01/2022 13:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
18/01/2022 14:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
18/01/2022 15:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
18/01/2022 16:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
18/01/2022 17:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
18/01/2022 18:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
18/01/2022 19:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
18/01/2022 20:00	14.14	374348.3	0	30.67	0.8	0
18/01/2022 21:00	14.17	375696.6	0	29.99	0.86	0
18/01/2022 22:00	14.15	376140.3	0	30.2	0.95	0
18/01/2022 23:00	14.13	376217.1	0	32.01	0.99	0
18/01/2022 24:00	14.1	342959.9	0	28.31	1.04	0
19/01/2022 01:00	14.12	344376.4	0	28.78	1.09	0
19/01/2022 02:00	14.1	342519	0	28.25	1.14	0
19/01/2022 03:00	14.09	342345.5	0	28.2	1.23	0
19/01/2022 04:00	14.09	340468.2	0	27.97	1.28	0
19/01/2022 05:00	14.08	337609.5	0	27.82	1.33	0
19/01/2022 06:00	14.06	331098.6	0	28.22	1.37	0
19/01/2022 07:00	14.06	332671.5	0	27.98	1.3	0
19/01/2022 08:00	14.08	340200.8	0	27.97	1.35	0
19/01/2022 09:00	14.11	352059.3	0	28.59	1.36	0
19/01/2022 10:00	14.14	355444.2	0	29.4	1.35	0
19/01/2022 11:00	14.16	356087	0	29.64	1.35	0.63
19/01/2022 12:00	14.17	356604.7	0	29.79	1.33	0
19/01/2022 13:00	14.19	356081.3	0	30.03	1.13	0
19/01/2022 14:00	14.17	373381.2	0	32.57	1.08	0
19/01/2022 15:00	14.18	371577.8	0	32.43	1.02	0
19/01/2022 16:00	14.18	370963.4	0	32.7	0.96	0
19/01/2022 17:00	14.18	372345.8	0	32.75	0.93	0
19/01/2022 18:00	14.2	373406.8	0	32.07	0.88	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
19/01/2022 19:00	14.19	374169.1	0	30.49	0.88	0
19/01/2022 20:00	14.18	373113.8	0	29.9	0.99	0
19/01/2022 21:00	14.17	375196	0	29.55	0.95	0
19/01/2022 22:00	14.16	376055	0	31.07	1.02	0
19/01/2022 23:00	14.08	377152.9	0	30.23	1.02	0
19/01/2022 24:00	14.09	347567.9	0	27.83	1.12	0
20/01/2022 01:00	14.09	346435.8	0	27.7	1.17	0
20/01/2022 02:00	14.08	346541	0	27.21	1.19	0
20/01/2022 03:00	14.06	345536.9	0	26.73	1.28	0
20/01/2022 04:00	14.02	339011.8	0	25.52	1.32	0
20/01/2022 05:00	14.02	337290.9	0	25.45	1.35	0
20/01/2022 06:00	14.01	329505.7	0	26.02	1.37	0
20/01/2022 07:00	14.02	331667.4	0	26.39	1.43	0
20/01/2022 08:00	14.06	343130.6	0	26.93	1.47	0
20/01/2022 09:00	14.09	353185.7	0	27.83	1.48	0
20/01/2022 10:00	14.13	357278.8	0	28.76	1.47	0
20/01/2022 11:00	14.15	356872.1	0	29.05	1.41	0.63
20/01/2022 12:00	14.17	358479.2	0	29.12	1.34	0
20/01/2022 13:00	14.17	356909	0	29.48	1.2	0
20/01/2022 14:00	14.18	372744.1	0	32.72	1.1	0
20/01/2022 15:00	14.18	372226.4	0	32.53	1.04	0
20/01/2022 16:00	14.19	371282	0	32.56	1.01	0
20/01/2022 17:00	14.18	371976.1	0	32.74	1.01	0
20/01/2022 18:00	14.19	371956.2	0	31.74	1.04	0
20/01/2022 19:00	14.19	373202	0	30.64	1.03	0
20/01/2022 20:00	14.2	373970	0	30.49	1.08	0
20/01/2022 21:00	14.17	375002.6	0	29.69	1.05	0
20/01/2022 22:00	14.12	376279.7	0	29.46	1.03	0
20/01/2022 23:00	14.09	376311	0	29.73	1.09	0
20/01/2022 24:00	14.07	349476.5	0	26.01	1.13	0
21/01/2022 01:00	14.05	348654.5	0	25.11	1.13	0
21/01/2022 02:00	14.04	350093.8	0	25	1.16	0
21/01/2022 03:00	14.03	349596	0	24.69	1.23	0
21/01/2022 04:00	14.01	345699.1	0	24.17	1.27	0
21/01/2022 05:00	14	342666.9	0	23.79	1.29	0
21/01/2022 06:00	14	338312.1	0	23.8	1.29	0
21/01/2022 07:00	14.01	337626.6	0	24.34	1.28	0
21/01/2022 08:00	14.02	343918.5	0	24.82	1.3	0
21/01/2022 09:00	14.04	356633.1	0	25.45	1.29	0.01
21/01/2022 10:00	14.05	359918.5	0	25.56	1.3	0
21/01/2022 11:00	14.08	360279.7	0	25.96	1.28	0.63
21/01/2022 12:00	14.1	358317	0	26.38	1.25	0
21/01/2022 13:00	14.09	359150.5	0	26.37	1.21	0
21/01/2022 14:00	14.09	377292.3	0	29.18	1.08	0
21/01/2022 15:00	14.13	373981.4	0	28.17	1.05	0
21/01/2022 16:00	14.17	375739.3	0	29.08	1.16	0
21/01/2022 17:00	14.16	375574.3	0	29.16	1.11	0
21/01/2022 18:00	14.15	370528.3	0	28.17	1.02	0
21/01/2022 19:00	14.11	369214.1	0	27.13	1.05	0
21/01/2022 20:00	14.09	369953.7	0	26.75	1.03	0
21/01/2022 21:00	14.1	373227.6	0	26.82	1.08	0
21/01/2022 22:00	14.05	375423.5	0	27.28	1.05	0
21/01/2022 23:00	14.05	379442.7	0	28.46	1.17	0
21/01/2022 24:00	14.03	345380.5	0	25.13	1.26	0
22/01/2022 01:00	14.03	346083.1	0	25.14	1.3	0
22/01/2022 02:00	14.03	346108.7	0	24.94	1.28	0
22/01/2022 03:00	14.02	344865.7	0	24.64	1.31	0
22/01/2022 04:00	14	342149.2	0	24.16	1.39	0
22/01/2022 05:00	13.99	338110.1	0	23.91	1.38	0
22/01/2022 06:00	13.99	332549.2	0	23.94	1.37	0.01
22/01/2022 07:00	13.99	335868.7	0	23.83	1.39	0.02
22/01/2022 08:00	14.01	343156.2	0	24.04	1.4	0.02
22/01/2022 09:00	14.03	351868.7	0	24.91	1.42	0
22/01/2022 10:00	14.07	355520.9	0	25.74	1.39	0
22/01/2022 11:00	14.09	355387.3	0	26.02	1.39	0.63
22/01/2022 12:00	14.07	354980.5	0	25.71	1.3	0
22/01/2022 13:00	14.04	352204.3	0	24.85	1.15	0
22/01/2022 14:00	14.11	374948.5	0	29.54	1.26	0
22/01/2022 15:00	14.13	373674.2	0	30.18	1.22	0
22/01/2022 16:00	14.13	372840.8	0	30.38	1.15	0
22/01/2022 17:00	14.1	375386.6	0	29.56	1.1	0
22/01/2022 18:00	14.07	378469.9	0	29.51	1.15	0
22/01/2022 19:00	14.08	377844.2	0	29.72	1.15	0
22/01/2022 20:00	14.07	378396	0	28.88	1.19	0
22/01/2022 21:00	14.06	374143.5	0	27.3	1.23	0
22/01/2022 22:00	14.06	368184.4	0	26.04	1.28	0
22/01/2022 23:00	14.05	363337.5	0	25.65	1.26	0
22/01/2022 24:00	13.99	338388.9	0	23.79	1.29	0
23/01/2022 01:00	13.99	337401.8	0	23.49	1.37	0
23/01/2022 02:00	13.99	336724.9	0	23.5	1.42	0
23/01/2022 03:00	13.98	335985.3	0	23.53	1.41	0
23/01/2022 04:00	13.98	333348.5	0	23.49	1.45	0.03
23/01/2022 05:00	13.97	331613.4	0	23.67	1.41	0
23/01/2022 06:00	13.95	325546.2	0	23.89	1.46	0.15
23/01/2022 07:00	13.95	324704.3	0	24.01	1.43	0.17
23/01/2022 08:00	13.97	330037.6	0	23.94	1.47	0
23/01/2022 09:00	13.99	334361.1	0	23.57	1.46	0
23/01/2022 10:00	14.01	336602.6	0	23.75	1.4	0
23/01/2022 11:00	14.06	336477.4	0	24.71	1.41	0.72
23/01/2022 12:00	14.09	337182.8	0	25.53	1.36	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
23/01/2022 13:00	14.12	336224.3	0	26.29	1.25	0
23/01/2022 14:00	14.15	340988.7	0	27.7	1.09	0
23/01/2022 15:00	14.17	342905.8	0	28.23	1.08	0
23/01/2022 16:00	14.18	340630.3	0	28.76	1.07	0
23/01/2022 17:00	14.17	341250.4	0	28.28	0.99	0
23/01/2022 18:00	14.17	355577.8	0	30.58	0.96	0
23/01/2022 19:00	14.15	372752.6	0	32.17	0.93	0
23/01/2022 20:00	14.13	374834.7	0	31.7	0.98	0
23/01/2022 21:00	14.1	370098.7	0	29.19	1.01	0
23/01/2022 22:00	14.07	348003.1	0	27.27	1.07	0
23/01/2022 23:00	14.04	339796.9	0	25.74	1.15	0
23/01/2022 24:00	14.04	338323.4	0	25.82	1.19	0
24/01/2022 01:00	14.03	336056.4	0	25.12	1.21	0
24/01/2022 02:00	14.02	338132.9	0	24.76	1.28	0
24/01/2022 03:00	14.01	337316.5	0	24.62	1.3	0
24/01/2022 04:00	14	334520.4	0	24.31	1.35	0.05
24/01/2022 05:00	13.99	333285.9	0	24.16	1.39	0.04
24/01/2022 06:00	13.97	328316.7	0	24.3	1.43	0
24/01/2022 07:00	13.97	331198.1	0	24.22	1.44	0
24/01/2022 08:00	14.01	343602.7	0	24.51	1.47	0
24/01/2022 09:00	14.04	356183.7	0	25.13	1.47	0
24/01/2022 10:00	14.06	360976.6	0	25.39	1.46	0
24/01/2022 11:00	14.1	362620.7	0	26.28	1.42	0.63
24/01/2022 12:00	14.15	362330.6	0	27.26	1.38	0
24/01/2022 13:00	14.18	362438.6	0	28.93	1.25	0
24/01/2022 14:00	14.18	368787.4	0	31.81	1.17	0
24/01/2022 15:00	14.22	367951.2	0	34.26	1.12	0
24/01/2022 16:00	14.22	367063.7	0	34.01	1.1	0
24/01/2022 17:00	14.2	367649.7	0	33.4	1	0
24/01/2022 18:00	14.19	368838.6	0	32.93	0.92	0
24/01/2022 19:00	14.17	371128.4	0	32.53	0.97	0
24/01/2022 20:00	14.18	373290.2	0	31.21	0.97	0
24/01/2022 21:00	14.18	373947.3	0	30.24	0.99	0
24/01/2022 22:00	14.12	374208.9	0	30.16	1.02	0
24/01/2022 23:00	14.1	375855.9	0	30.84	1.09	0
24/01/2022 24:00	14.06	343998.1	0	27.1	1.13	0
25/01/2022 01:00	14.04	344413.4	0	25.53	1.18	0
25/01/2022 02:00	14.03	346694.6	0	25.04	1.2	0
25/01/2022 03:00	14.01	344990.8	0	24.73	1.29	0
25/01/2022 04:00	14.01	342996.9	0	24.48	1.41	0
25/01/2022 05:00	14	341204.9	0	24.67	1.47	0
25/01/2022 06:00	13.97	333428.2	0	24.34	1.54	0
25/01/2022 07:00	13.98	334836.2	0	24.63	1.5	0
25/01/2022 08:00	14.02	344834.4	0	25.28	1.59	0
25/01/2022 09:00	14.05	356203.6	0	25.72	1.51	0
25/01/2022 10:00	14.11	363280.6	0	27.25	1.48	0
25/01/2022 11:00	14.21	366133.6	0	30.41	1.56	0.64
25/01/2022 12:00	14.25	362981.9	0	32.19	1.5	0
25/01/2022 13:00	14.24	362529.7	0	31.59	1.32	0
25/01/2022 14:00	14.21	368508.7	0	33.61	1.11	0
25/01/2022 15:00	14.22	368064.9	0	34	1.06	0
25/01/2022 16:00	14.23	366992.6	0	34.49	1.01	0
25/01/2022 17:00	14.23	365718.3	0	33.85	0.94	0
25/01/2022 18:00	14.2	367652.5	0	33.58	0.85	0
25/01/2022 19:00	14.18	369871.2	0	33.48	0.9	0
25/01/2022 20:00	14.17	371904.9	0	32.39	0.87	0
25/01/2022 21:00	14.17	372846.5	0	32.17	0.91	0
25/01/2022 22:00	14.13	374851.8	0	30.53	0.93	0
25/01/2022 23:00	14.09	375722.2	0	30.53	1	0
25/01/2022 24:00	14.07	346703.2	0	26.84	1.03	0
26/01/2022 01:00	14.05	346612.2	0	26.01	1.15	0
26/01/2022 02:00	14.05	347237.9	0	25.79	1.13	0
26/01/2022 03:00	14.04	347604.9	0	25.63	1.21	0
26/01/2022 04:00	14.03	343978.2	0	24.99	1.32	0
26/01/2022 05:00	14	340490.9	0	24.67	1.35	0
26/01/2022 06:00	13.99	332796.7	0	25.08	1.38	0
26/01/2022 07:00	13.99	332040.1	0	25.01	1.4	0
26/01/2022 08:00	14.01	344308.2	0	24.92	1.42	0
26/01/2022 09:00	14.03	356724.2	0	25.16	1.42	0
26/01/2022 10:00	14.06	362947.8	0	25.2	1.37	0
26/01/2022 11:00	14.1	363676	0	26.14	1.33	0.63
26/01/2022 12:00	14.15	363900.7	0	27.77	1.32	0
26/01/2022 13:00	14.16	363974.6	0	27.87	1.21	0
26/01/2022 14:00	14.15	368036.5	0	30.82	1.13	0
26/01/2022 15:00	14.18	366821.9	0	31.99	1.1	0
26/01/2022 16:00	14.17	366053.9	0	31.32	1.05	0
26/01/2022 17:00	14.18	366841.8	0	31.73	0.97	0
26/01/2022 18:00	14.15	370226.7	0	31.59	0.89	0
26/01/2022 19:00	14.15	372414.1	0	30.15	0.9	0
26/01/2022 20:00	14.14	373893.2	0	29.68	0.94	0
26/01/2022 21:00	14.13	375619.8	0	29.41	1.01	0
26/01/2022 22:00	14.11	376518.6	0	29.56	1.06	0
26/01/2022 23:00	14.07	376541.4	0	29.47	1.08	0
26/01/2022 24:00	14.03	345463	0	25.71	1.11	0
27/01/2022 01:00	14.03	347161.1	0	24.97	1.13	0
27/01/2022 02:00	14.03	348532.2	0	25.05	1.14	0
27/01/2022 03:00	14.01	347769.8	0	24.62	1.17	0
27/01/2022 04:00	14.01	345258.2	0	24.38	1.21	0
27/01/2022 05:00	14	343343.9	0	24.05	1.25	0
27/01/2022 06:00	13.98	336807.3	0	23.47	1.3	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
27/01/2022 07:00	13.98	338508.3	0	23.41	1.32	0
27/01/2022 08:00	14	350617.1	0	23.84	1.32	0
27/01/2022 09:00	14.03	361372	0	24.41	1.35	0
27/01/2022 10:00	14.07	366563.1	0	25.31	1.29	0
27/01/2022 11:00	14.09	366281.5	0	25.91	1.23	0.63
27/01/2022 12:00	14.11	365687	0	26.5	1.17	0
27/01/2022 13:00	14.14	366489.1	0	27.43	1.13	0
27/01/2022 14:00	14.13	369805.8	0	29.9	1.09	0
27/01/2022 15:00	14.13	367968.3	0	29.84	1.01	0
27/01/2022 16:00	14.13	369120.3	0	30.17	1	0
27/01/2022 17:00	14.09	373327.2	0	29.41	0.96	0
27/01/2022 18:00	14.14	374263	0	28.68	1.01	0
27/01/2022 19:00	14.14	374405.2	0	28.91	1.01	0
27/01/2022 20:00	14.15	373793.7	0	28.49	1.03	0
27/01/2022 21:00	14.13	374920.1	0	28.18	1.01	0
27/01/2022 22:00	14.09	376450.4	0	28.88	1	0
27/01/2022 23:00	14.07	376896.9	0	29.54	1.02	0
27/01/2022 24:00	14.03	345946.6	0	25.58	1.04	0
28/01/2022 01:00	14.02	346131.4	0	24.89	1.1	0.01
28/01/2022 02:00	14.01	348057.1	0	24.76	1.24	0
28/01/2022 03:00	14.01	348094.1	0	24.43	1.22	0
28/01/2022 04:00	14.01	345317.9	0	24.22	1.19	0
28/01/2022 05:00	14	342157.8	0	23.96	1.24	0
28/01/2022 06:00	13.99	336858.6	0	23.67	1.26	0
28/01/2022 07:00	13.99	337811.4	0	23.78	1.32	0
28/01/2022 08:00	14	346600.8	0	24.01	1.3	0
28/01/2022 09:00	14.03	357136.6	0	25.02	1.31	0
28/01/2022 10:00	14.06	363530.9	0	25.47	1.27	0
28/01/2022 11:00	14.1	364023	0	26.17	1.18	0.63
28/01/2022 12:00	14.14	362888.1	0	27.15	1.18	0
28/01/2022 13:00	14.17	367405	0	27.65	1.12	0
28/01/2022 14:00	14.13	369026.4	0	29.39	0.97	0
28/01/2022 15:00	14.13	367885.8	0	29.7	0.83	0
28/01/2022 16:00	14.14	367029.6	0	29.84	0.84	0
28/01/2022 17:00	14.13	368190.1	0	30.07	0.78	0
28/01/2022 18:00	14.11	369640.8	0	29.85	0.81	0
28/01/2022 19:00	14.11	370212.5	0	30.02	0.83	0
28/01/2022 20:00	14.12	372453.9	0	29.43	0.81	0
28/01/2022 21:00	14.09	373930.2	0	29.25	0.88	0
28/01/2022 22:00	14.1	375836	0	28.92	0.92	0
28/01/2022 23:00	14.06	375739.3	0	28.97	0.96	0
28/01/2022 24:00	14.02	345591	0	25.05	0.98	0
29/01/2022 01:00	14.01	347687.3	0	24.37	1.06	0
29/01/2022 02:00	14.01	349493.6	0	24.05	1.04	0
29/01/2022 03:00	14	347926.3	0	23.79	1.05	0
29/01/2022 04:00	13.99	345986.4	0	23.76	1.12	0
29/01/2022 05:00	13.98	343059.4	0	23.53	1.17	0.05
29/01/2022 06:00	13.97	336659.4	0	23	1.15	0.36
29/01/2022 07:00	13.97	336340.9	0	22.98	1.21	0.34
29/01/2022 08:00	13.98	343824.6	0	23.31	1.25	0.12
29/01/2022 09:00	14	354374.6	0	23.57	1.2	0
29/01/2022 10:00	14.04	360512.9	0	24.3	1.2	0
29/01/2022 11:00	14.09	360996.5	0	25.65	1.11	0.72
29/01/2022 12:00	14.12	357870.5	0	26.25	1.12	0
29/01/2022 13:00	14.16	361198.5	0	27.88	1	0
29/01/2022 14:00	14.16	368247	0	31.06	0.86	0
29/01/2022 15:00	14.17	366466.4	0	31.89	0.89	0
29/01/2022 16:00	14.2	365931.6	0	33.09	0.94	0
29/01/2022 17:00	14.2	366307.1	0	33.26	0.85	0
29/01/2022 18:00	14.19	366927.2	0	33.12	0.76	0
29/01/2022 19:00	14.17	367988.2	0	32.62	0.75	0
29/01/2022 20:00	14.15	370744.4	0	30.09	0.79	0
29/01/2022 21:00	14.11	373898.9	0	27.29	0.79	0
29/01/2022 22:00	14.09	374740.9	0	28.2	0.81	0
29/01/2022 23:00	14.04	374271.5	0	27.96	0.85	0
29/01/2022 24:00	13.99	335060.9	0	24.07	0.89	0
30/01/2022 01:00	14	342868.9	0	23.51	0.9	0
30/01/2022 02:00	14	344461.8	0	23.43	0.98	0.02
30/01/2022 03:00	13.99	342473.5	0	23.22	1.01	0.12
30/01/2022 04:00	13.99	340010.2	0	23.07	1.05	0.08
30/01/2022 05:00	13.97	336389.2	0	22.93	1.06	0.01
30/01/2022 06:00	13.95	330333.4	0	22.87	1.12	0
30/01/2022 07:00	13.93	325031.3	0	23.09	1.13	0
30/01/2022 08:00	13.93	324030.1	0	23.21	1.13	0
30/01/2022 09:00	13.95	326112.3	0	23.25	1.14	0
30/01/2022 10:00	14.05	329770.2	0	25.71	1.16	0
30/01/2022 11:00	14.09	328763.3	0.91	26.22	1.2	0.63
30/01/2022 12:00	14.14	331380.2	0	27.47	1.16	0
30/01/2022 13:00	14.17	333089.7	0	28.83	1.14	0
30/01/2022 14:00	14.18	336392.1	0	28.94	0.99	0
30/01/2022 15:00	14.2	334395.3	0	29.83	0.96	0
30/01/2022 16:00	14.2	334546	0	29.74	0.91	0
30/01/2022 17:00	14.2	336821.6	0	29.38	0.84	0
30/01/2022 18:00	14.18	352485.9	0	31.41	0.65	0
30/01/2022 19:00	14.22	367157.6	0	31.38	0.67	0
30/01/2022 20:00	14.18	365305.8	0	30.23	0.7	0
30/01/2022 21:00	14.17	362489.8	0	30.24	0.73	0
30/01/2022 22:00	14.16	301171.4	0	35.26	0.74	0.03
30/01/2022 23:00	14.16	256179	0	38.24	0.79	0.02
30/01/2022 24:00	14.13	256241.5	0	36.44	0.83	0.01



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
31/01/2022 01:00	14.03	333199	0	25.41	0.88	0
31/01/2022 02:00	14	338218.2	0	24.13	0.94	0
31/01/2022 03:00	13.99	335598.5	0	23.97	1	0
31/01/2022 04:00	13.99	333351.3	0	23.99	1.09	0
31/01/2022 05:00	13.97	330959.2	0	23.86	1.09	0
31/01/2022 06:00	13.95	326701	0	23.86	1.1	0.09
31/01/2022 07:00	13.95	326425.1	0	23.75	1.15	0.01
31/01/2022 08:00	13.92	308880.6	0	24.17	1.16	0.04
31/01/2022 09:00	13.92	311341	0	23.69	1.18	0.02
31/01/2022 10:00	13.94	313892.5	0	23.94	1.16	0
31/01/2022 11:00	13.97	314805.6	0	24.32	1.13	0.71
31/01/2022 12:00	14.04	315306.2	0	25.98	1.06	0
31/01/2022 13:00	14.08	315849.5	0	27.24	0.97	0
31/01/2022 14:00	14.15	368773.2	0	30.45	0.85	0
31/01/2022 15:00	14.18	366927.2	0	32.15	0.83	0
31/01/2022 16:00	14.2	365342.8	0	32.68	0.77	0
31/01/2022 17:00	14.19	366164.9	0	32.76	0.7	0
31/01/2022 18:00	14.17	368503	0	32.42	0.68	0
31/01/2022 19:00	14.17	370935	0	30.71	0.57	0
31/01/2022 20:00	14.16	370016.3	0	29.02	0.61	0
31/01/2022 21:00	14.11	368898.4	0	27.66	0.65	0
31/01/2022 22:00	14.08	367877.2	0	26.87	0.71	0
31/01/2022 23:00	14.05	374237.4	0	28.08	0.79	0
31/01/2022 24:00	14.02	344689.3	0	24.89	0.92	0
Minimum	13.92	256179	0	22.87	0	0
MinDate	31/01/2022 08:00	30/01/2022 23:00	03/01/2022 03:00	30/01/2022 06:00	03/01/2022 03:00	03/01/2022 03:00
Maximum	14.25	379442.7	0.91	38.24	1.59	0.72
MaxDate	25/01/2022 12:00	21/01/2022 23:00	30/01/2022 11:00	30/01/2022 23:00	25/01/2022 08:00	23/01/2022 11:00
Avg	14.1	353462.87	0	28.26	0.68	0.03
Num	626	626	625	625	625	626
Data[%]	84.1	84.1	84	84	84	84.1
STD	0.1	21032.6	10.4	3.9	0.6	0.1



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
01/02/2022 01:00	14.61	361212.7	0.83	38.6	0	2.3
01/02/2022 02:00	14.6	362014.8	0.78	38.06	0	2.2
01/02/2022 03:00	14.6	363536.6	0.7	37.85	0	3.39
01/02/2022 04:00	14.59	360202.9	0.69	37.82	0	3.81
01/02/2022 05:00	14.58	358789.2	0.71	37.6	0	2.91
01/02/2022 06:00	14.56	353492.9	0.67	37.23	0	2.97
01/02/2022 07:00	14.56	353945.1	0.74	37.09	0	3.54
01/02/2022 08:00	14.6	362990.5	0.72	37.64	0	3.7
01/02/2022 09:00	14.64	373674.2	0.57	39.06	0	2.47
01/02/2022 10:00	14.63	330879.5	0.57	37.36	0	1.77
01/02/2022 11:00	14.76	286802	0.46	38.84	0	1.89
01/02/2022 12:00	14.79	286622.8	0.44	39.94	0	1.98
01/02/2022 13:00	14.78	291313.3	0.46	39.97	0	2.09
01/02/2022 14:00	14.69	374189	0.69	41.44	0	2.53
01/02/2022 15:00	14.71	381760.9	0.73	46.62	0	2.4
01/02/2022 16:00	14.72	381089.7	0.72	47.77	0	2.25
01/02/2022 17:00	14.73	380919	0.74	48.56	0	2.38
01/02/2022 18:00	14.72	381991.3	0.76	48.66	0	2.47
01/02/2022 19:00	14.72	385180	0.9	47.98	0	2.29
01/02/2022 20:00	14.74	385555.4	0.77	45.85	0	2.35
01/02/2022 21:00	14.71	386781.4	0.74	44.83	0	2.48
01/02/2022 22:00	14.72	385993.5	0.81	45.46	0	2.42
01/02/2022 23:00	14.67	377360.6	0.91	44.31	0	2.16
01/02/2022 24:00	14.63	356920.4	0.75	39.04	0	2.02
02/02/2022 01:00	14.62	365931.6	0.77	38.9	0.01	2.22
02/02/2022 02:00	14.62	366625.7	0.8	38.62	0	2.45
02/02/2022 03:00	14.61	366136.4	0.69	38.28	0	2.37
02/02/2022 04:00	14.6	363994.6	0.84	37.8	0	2.67
02/02/2022 05:00	14.58	361528.4	0.76	37.65	0	2.56
02/02/2022 06:00	14.56	356064.3	0.79	37.13	0.01	2.54
02/02/2022 07:00	14.56	357637.2	0.86	37.25	0	2.79
02/02/2022 08:00	14.6	366878.8	0.87	37.73	0.01	2.69
02/02/2022 09:00	14.64	376552.8	0.75	39.67	0	2.38
02/02/2022 10:00	14.68	384130.4	0.65	41.97	0	2.34
02/02/2022 11:00	14.72	384426.2	0.62	43.11	0.01	2.23
02/02/2022 12:00	14.74	380455.3	0.64	43.51	0.06	2.17
02/02/2022 13:00	14.75	379397.2	0.62	43.97	0.02	2.34
02/02/2022 14:00	14.71	384855.7	0.69	47.36	0.02	2.25
02/02/2022 15:00	14.73	382014.1	0.7	47.57	0.05	2.46
02/02/2022 16:00	14.73	382278.6	0.71	47.83	0.03	2.44
02/02/2022 17:00	14.74	381598.8	0.73	48.26	0.05	2.49
02/02/2022 18:00	14.72	383797.6	0.72	47.6	0.01	2.42
02/02/2022 19:00	14.7	386838.3	0.73	46.49	0	2.28
02/02/2022 20:00	14.73	387978.9	0.66	45.92	0	2.4
02/02/2022 21:00	14.74	389136.6	0.61	45.75	0	2.52
02/02/2022 22:00	14.71	388015.9	0.6	44.59	0	2.61
02/02/2022 23:00	14.68	377777.3	0.71	43.49	0.03	2.31
02/02/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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03/02/2022 13:00	15.99	256050.6	260.84	50.59	<Samp	3.75
03/02/2022 14:00	14.66	388829.4	0.73	42.53	0.3	2.25
03/02/2022 15:00	14.68	392109	0.7	45.13	0.19	2.54
03/02/2022 16:00	14.7	389028.5	0.74	47.36	0.06	2.79
03/02/2022 17:00	14.72	385222.6	0.74	47.09	0.02	2.67
03/02/2022 18:00	14.71	386002	0.79	47.26	0.03	2.21
03/02/2022 19:00	14.67	387117	0.93	46.27	0.03	2.12
03/02/2022 20:00	14.68	389347.1	1	46.16	0.01	1.93
03/02/2022 21:00	14.71	391304.1	0.79	46.04	0.03	2.29
03/02/2022 22:00	14.72	390723.8	0.87	44.89	0.05	2.29
03/02/2022 23:00	14.67	382287.2	0.91	44.11	0.02	2.17
03/02/2022 24:00	14.66	376336.6	0.86	42.12	0.02	2.24
04/02/2022 01:00	14.65	382622.8	0.95	41.83	0.01	2.24
04/02/2022 02:00	14.66	384030.8	1	41.57	2.02	2.36
04/02/2022 03:00	14.66	384730.6	1.04	41	3.35	2.56
04/02/2022 04:00	14.66	383615.5	1.06	40.55	3.92	2.57
04/02/2022 05:00	14.65	383023.9	1.05	40.23	4.11	2.93
04/02/2022 06:00	14.64	381994.2	1.05	39.42	4.69	3.34
04/02/2022 07:00	14.64	383604.2	1	39.87	4.74	3.73
04/02/2022 08:00	14.64	382056.8	1.01	39.61	4.66	3.05
04/02/2022 09:00	14.67	385711.9	0.94	40.53	4.61	2.72
04/02/2022 10:00	14.71	387350.3	0.84	42.16	4.5	2.43
04/02/2022 11:00	14.72	387370.2	0.88	43.8	4.32	2.1
04/02/2022 12:00	14.73	385754.6	0.93	45.42	4.26	1.83
04/02/2022 13:00	14.73	383379.4	0.94	46.86	4.12	2.12
04/02/2022 14:00	14.74	382591.5	0.95	48	4.2	2.3
04/02/2022 15:00	14.74	382281.5	0.94	48.17	4.03	2.31
04/02/2022 16:00	14.69	386525.4	0.92	46.99	4.03	2.05
04/02/2022 17:00	14.69	386209.7	0.99	46.39	4.23	2.55
04/02/2022 18:00	14.74	386761.5	0.95	47.27	4.57	2.69



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
04/02/2022 19:00	14.75	385561.1	0.96	46.04	4.84	2.61
04/02/2022 20:00	14.74	385603.8	1	45.26	4.12	2.39
04/02/2022 21:00	14.72	387091.4	1.01	45.18	1.73	1.99
04/02/2022 22:00	14.69	387836.7	0.91	44.31	0.65	2.48
04/02/2022 23:00	14.66	378660.5	0.88	43.48	0.28	2.44
04/02/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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05/02/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/02/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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05/02/2022 11:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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05/02/2022 13:00	16.14	252237.5	283.11	56.45	<Samp	3.51
05/02/2022 14:00	14.76	385083.3	0.92	48.01	0.53	2.17
05/02/2022 15:00	14.78	384804.5	0.93	51.04	0.36	2.03
05/02/2022 16:00	14.77	384389.2	0.93	51.35	0.23	2.17
05/02/2022 17:00	14.76	385054.8	0.95	50.88	0.29	2.06
05/02/2022 18:00	14.79	385245.4	0.93	48.91	0.21	2.31
05/02/2022 19:00	14.75	384224.3	0.9	45.98	0.26	1.83
05/02/2022 20:00	14.74	383547.3	0.88	46.35	0.47	1.8
05/02/2022 21:00	14.74	383240.1	0.87	46.51	0.18	1.98
05/02/2022 22:00	14.73	382969.8	0.87	46.58	0.18	1.98
05/02/2022 23:00	14.74	374612.9	0.86	46.79	0.1	1.97
05/02/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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07/02/2022 14:00	15.96	255032.1	179.89	<Samp	<Samp	3.55
07/02/2022 15:00	14.78	383163.3	0.95	46.93	1.62	2.45
07/02/2022 16:00	14.81	381792.3	0.91	50.27	1.28	2.17
07/02/2022 17:00	14.8	383453.4	0.9	50.98	0.94	2.04
07/02/2022 18:00	14.78	383700.9	0.89	50.44	0.58	1.99
07/02/2022 19:00	14.76	385851.3	0.91	50	0.35	1.85
07/02/2022 20:00	14.74	387356	1.12	50.37	0.15	1.92
07/02/2022 21:00	14.72	388488.1	1.24	50.09	0.15	1.95
07/02/2022 22:00	14.73	389241.8	1.09	49.45	0.14	1.91
07/02/2022 23:00	14.73	382560.3	1.52	47.67	0.16	2
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08/02/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
08/02/2022 11:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
08/02/2022 12:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
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08/02/2022 14:00	14.75	381029.9	0.97	44.38	1.44	2.36
08/02/2022 15:00	14.78	378700.3	0.99	47.68	1.2	2.44
08/02/2022 16:00	14.78	377622.3	0.96	47.57	0.83	2.2
08/02/2022 17:00	14.78	378407.3	0.94	48.3	0.27	2.08
08/02/2022 18:00	14.77	380065.7	0.9	48.59	0.19	2.06
08/02/2022 19:00	14.73	382025.5	0.96	47.87	0.14	2.05
08/02/2022 20:00	14.7	383996.7	1.05	46.88	0.07	2
08/02/2022 21:00	14.69	384932.5	1.19	46.17	0.02	1.94
08/02/2022 22:00	14.67	386172.7	1.47	45.88	0.04	1.93
08/02/2022 23:00	14.69	380680.1	1.22	45.08	0.02	2.17
08/02/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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09/02/2022 13:00	15.78	259057.3	179.87	52.23	<Samp	3.22
09/02/2022 14:00	14.73	382591.5	0.9	43.29	1.23	2.29
09/02/2022 15:00	14.75	381047	0.89	46.23	0.71	2.08
09/02/2022 16:00	14.71	385023.5	0.93	46.51	0.34	2.14
09/02/2022 17:00	14.71	389944.4	0.98	48.96	0.34	2.44
09/02/2022 18:00	14.75	388894.8	1.06	47.37	0.13	2.45
09/02/2022 19:00	14.72	387916.3	1.11	48.4	0.1	2.22
09/02/2022 20:00	14.73	389637.2	1.11	46.12	0.06	1.99
09/02/2022 21:00	14.73	390493.4	1.14	45.36	0.05	2.05
09/02/2022 22:00	14.72	390499.1	1.15	44.35	0.04	2.21
09/02/2022 23:00	14.7	377713.2	1.06	43.36	0.12	2.67
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10/02/2022 15:00	14.72	381931.6	0.92	46.25	0.15	2.66
10/02/2022 16:00	14.71	382602.9	0.94	46.23	0.06	2.28
10/02/2022 17:00	14.67	387034.6	0.96	45.77	0	2.33
10/02/2022 18:00	14.72	388087	0.94	44.67	0.04	2.65
10/02/2022 19:00	14.71	387685.9	0.94	44.3	0	2.36
10/02/2022 20:00	14.69	385504.3	1.02	42.98	0	2.05
10/02/2022 21:00	14.69	388010.2	1.16	43.19	0	2.18
10/02/2022 22:00	14.68	387734.3	1.18	42.92	0.01	2.44
10/02/2022 23:00	14.67	375232.9	1.2	42.73	0.02	2.7
10/02/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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11/02/2022 13:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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11/02/2022 17:00	14.75	383962.6	1.11	47.18	4.68	2.32
11/02/2022 18:00	14.74	384588.3	1.04	43.42	4.81	2.13
11/02/2022 19:00	14.71	383501.8	1.05	41.66	5.21	1.91
11/02/2022 20:00	14.7	383220.2	1.11	41.64	5.44	2.19
11/02/2022 21:00	14.71	385256.8	1.09	42.06	5.49	2.31
11/02/2022 22:00	14.7	385470.1	1.12	42.26	4.67	2.29
11/02/2022 23:00	14.7	376532.8	1.15	42.83	1.97	2.22
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12/02/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
12/02/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
12/02/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
12/02/2022 08:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
12/02/2022 09:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
12/02/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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12/02/2022 13:00	16.21	247089	417.48	48.09	<Samp	3.97
12/02/2022 14:00	14.7	382637	0.97	41.9	1.69	2.14
12/02/2022 15:00	14.7	386218.2	0.9	42.28	1.52	2.25
12/02/2022 16:00	14.68	384582.6	0.99	40.07	3.88	3.33
12/02/2022 17:00	14.7	383143.3	1.02	41.13	4.36	2.8
12/02/2022 18:00	14.68	379607.7	1.02	40.08	4.74	3.25
12/02/2022 19:00	14.66	378478.5	1.09	39.4	5.04	2.99
12/02/2022 20:00	14.66	379838.1	1.12	39.29	5.25	3.11
12/02/2022 21:00	14.66	381610.2	1.11	39.3	5.55	3.48
12/02/2022 22:00	14.66	380879.2	1.11	39.44	5.63	3.17
12/02/2022 23:00	14.64	375011.1	1.23	39.08	5.63	2.47
12/02/2022 24:00	14.64	375488.9	1.22	38.98	5.7	2.23
13/02/2022 01:00	14.66	381843.4	1.38	39.59	5.8	2.62
13/02/2022 02:00	14.67	384161.7	1.33	39.74	5.83	2.56
13/02/2022 03:00	14.66	383621.2	1.28	39.46	5.86	2.18
13/02/2022 04:00	14.65	383208.8	1.34	39.59	5.95	2.04
13/02/2022 05:00	14.65	383001.1	1.35	39.34	5.95	2.47
13/02/2022 06:00	14.65	381871.9	1.45	38.99	5.89	3.58
13/02/2022 07:00	14.65	381613	1.38	39.41	5.93	4.3
13/02/2022 08:00	14.64	379974.6	1.33	39.1	5.92	4.18
13/02/2022 09:00	14.65	379670.3	1.19	38.97	5.87	2.98
13/02/2022 10:00	14.7	381840.6	1.17	40.05	5.9	2.3
13/02/2022 11:00	14.71	383200.3	1.08	40.4	5.83	2.03
13/02/2022 12:00	14.74	384875.6	1.05	41.49	5.78	1.9
13/02/2022 13:00	14.73	383194.6	1.11	43.37	5.59	2.12
13/02/2022 14:00	14.73	380816.6	1.11	45.01	5.62	2.32
13/02/2022 15:00	14.74	379476.9	1.11	45.3	5.56	2.38
13/02/2022 16:00	14.76	378239.5	1.12	45.9	5.44	2.42
13/02/2022 17:00	14.67	350762.2	1.17	39.96	5.29	2.22
13/02/2022 18:00	14.73	346572.3	1.12	41.15	5.23	2.35
13/02/2022 19:00	14.77	381763.8	1.2	43.9	5.33	2.4
13/02/2022 20:00	14.75	382725.2	1.19	42.81	5.33	1.95
13/02/2022 21:00	14.72	381664.3	1.08	42.28	5.53	2.09
13/02/2022 22:00	14.67	368426.2	1.08	41.65	5.17	1.76
13/02/2022 23:00	14.69	381553.3	1.02	41.63	4.26	2.03
13/02/2022 24:00	14.67	381422.5	0.96	41.42	2.05	2.27
14/02/2022 01:00	14.67	381103.9	0.92	41.46	1.05	2.18
14/02/2022 02:00	14.66	380626	0.97	41.07	1.22	2.53
14/02/2022 03:00	14.66	380643.1	0.95	41.13	0.84	2.24
14/02/2022 04:00	14.66	380350.1	0.95	41.2	0.68	2.21
14/02/2022 05:00	14.66	380153.8	0.98	41.1	0.38	2.36
14/02/2022 06:00	14.65	380224.9	0.99	40.91	0.27	2.82
14/02/2022 07:00	14.65	380426.9	1.02	40.76	0.25	3.01
14/02/2022 08:00	14.66	381906	1.05	40.81	0.23	2.7
14/02/2022 09:00	14.67	386056.1	0.99	41.45	0.24	2.82
14/02/2022 10:00	14.68	385191.3	0.95	41.35	0.21	2.58
14/02/2022 11:00	14.69	386144.3	0.87	41.47	0.22	2.72
14/02/2022 12:00	14.7	385763.1	0.91	43.53	0.27	2.39
14/02/2022 13:00	14.72	379943.3	0.9	45.8	0.16	2.1
14/02/2022 14:00	14.73	381832.1	0.92	47.06	0.14	2.34
14/02/2022 15:00	14.73	381112.4	0.95	47.85	0.02	2.68
14/02/2022 16:00	14.73	380321.7	0.98	47.85	0	2.62
14/02/2022 17:00	14.71	383137.7	0.98	48.26	0	2.16
14/02/2022 18:00	14.7	385262.5	0.91	44.8	0	2.42
14/02/2022 19:00	14.7	385475.8	0.98	44.26	0	2.29
14/02/2022 20:00	14.7	385967.9	1.04	43.87	0	2.16
14/02/2022 21:00	14.68	388141	1.07	43.79	0	2.17
14/02/2022 22:00	14.69	388402.7	1.06	43.68	0.01	2.21
14/02/2022 23:00	14.66	379482.6	0.94	43.64	0	2.54
14/02/2022 24:00	14.66	375525.9	0.92	42.11	0.02	2.27
15/02/2022 01:00	14.66	381231.9	0.93	42.36	0.02	2.32
15/02/2022 02:00	14.66	382682.6	0.96	42.35	0.03	2.89
15/02/2022 03:00	14.65	382184.8	0.96	42.08	0.09	3.12
15/02/2022 04:00	14.65	382779.3	0.99	41.8	0.12	2.79
15/02/2022 05:00	14.66	381923.1	1.05	41.64	0.15	2.16
15/02/2022 06:00	14.67	381223.3	1.18	41.6	1.82	2.02
15/02/2022 07:00	14.68	382671.2	1.27	41.71	4.18	2.3
15/02/2022 08:00	14.69	381317.2	1.32	41.88	4.72	2.08
15/02/2022 09:00	14.71	384150.3	1.31	43.28	4.74	2.52
15/02/2022 10:00	14.72	384520.1	1.29	43.42	4.78	2.53
15/02/2022 11:00	14.72	385743.2	1.29	43.12	4.68	2.28
15/02/2022 12:00	14.71	386130	1.3	42.92	4.63	2.06
15/02/2022 13:00	14.6	351214.5	1.35	39.21	4.61	1.9
15/02/2022 14:00	14.68	387993.1	1.3	45.76	4.68	2.11
15/02/2022 15:00	14.51	385521.3	1.44	47.66	3.36	1.8
15/02/2022 16:00	14.71	385655	1.21	47.41	1.17	1.69
15/02/2022 17:00	14.7	386329.1	1.22	47.35	1	1.88
15/02/2022 18:00	14.73	385455.9	1.27	45.26	1.07	2.15
15/02/2022 19:00	14.73	385381.9	1.3	43.94	1.11	1.94
15/02/2022 20:00	14.72	385541.2	1.32	43.64	1.19	1.79
15/02/2022 21:00	14.69	385205.6	1.41	42.82	1.15	2.32
15/02/2022 22:00	14.68	383191.7	1.38	42.3	1.3	2.43
15/02/2022 23:00	14.65	375867.3	1.32	41.41	1.3	2.16
15/02/2022 24:00	14.66	374644.2	1.29	40.89	1.4	1.87



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
16/02/2022 01:00	14.67	380981.6	1.3	41.29	1.5	1.99
16/02/2022 02:00	14.67	382688.3	1.24	41.55	1.54	2.05
16/02/2022 03:00	14.68	382656.9	1.22	41.83	1.57	1.98
16/02/2022 04:00	14.67	381672.8	1.24	41.59	1.61	1.96
16/02/2022 05:00	14.67	380600.4	1.23	41.42	1.61	1.9
16/02/2022 06:00	14.66	380589	1.26	41.25	1.49	1.99
16/02/2022 07:00	14.66	380870.6	1.22	41.34	0.53	2.08
16/02/2022 08:00	14.66	381237.6	1.16	41.95	0.01	2.03
16/02/2022 09:00	14.68	381687	1.14	42.31	0	2.03
16/02/2022 10:00	14.72	384232.8	1.16	43.72	0	2.31
16/02/2022 11:00	14.71	382753.7	1.11	43.8	0	2.28
16/02/2022 12:00	14.71	384224.3	1.11	44.24	0	2.16
16/02/2022 13:00	14.61	351558.6	1.2	41.12	0	2.28
16/02/2022 14:00	14.73	384909.8	1.13	45.28	0	2.51
16/02/2022 15:00	14.74	384138.9	1.1	45.02	0	2.18
16/02/2022 16:00	14.71	383277	1.14	43.64	0	2.63
16/02/2022 17:00	14.67	382184.8	1.13	42.02	0	2.84
16/02/2022 18:00	14.66	379363.1	1.09	41.33	0	2.38
16/02/2022 19:00	14.66	378276.5	1.09	41.32	0	2.15
16/02/2022 20:00	14.65	378441.5	1.07	41.17	0	2.04
16/02/2022 21:00	14.65	378393.1	1.08	41.19	0	2.14
16/02/2022 22:00	14.65	378919.3	1.08	41.35	0	2.03
16/02/2022 23:00	14.61	387828.2	1.18	45.24	0	2.09
16/02/2022 24:00	14.6	360689.3	1.19	38.58	0	1.99
17/02/2022 01:00	14.61	360350.8	1.25	38.2	0	1.95
17/02/2022 02:00	14.6	360959.5	1.31	38.24	0	1.69
17/02/2022 03:00	14.59	358780.7	1.32	37.57	0	2.67
17/02/2022 04:00	14.58	357031.3	1.34	37.4	0	2.35
17/02/2022 05:00	14.57	357176.4	1.34	37.18	0	3.02
17/02/2022 06:00	14.55	352608.3	1.38	36.75	0	3.5
17/02/2022 07:00	14.55	352218.6	1.52	36.6	0	2.92
17/02/2022 08:00	14.6	364981.6	1.51	37.52	0	3.05
17/02/2022 09:00	14.64	376649.5	1.28	39.82	0	2.68
17/02/2022 10:00	14.65	377889.7	1.18	40.43	0	2.81
17/02/2022 11:00	14.68	379818.2	1.11	41.42	0	2.6
17/02/2022 12:00	14.68	378017.7	1.04	41.54	0	2.75
17/02/2022 13:00	14.66	367459.1	1.03	41.43	0	2.39
17/02/2022 14:00	14.65	384599.7	1.03	43.29	0	4.78
17/02/2022 15:00	14.65	383365.2	0.93	42.2	0	5.99
17/02/2022 16:00	14.68	386021.9	0.93	42.81	0	2.68
17/02/2022 17:00	14.67	385709	1.04	44.52	0	1.97
17/02/2022 18:00	14.64	379092.9	0.96	41.97	0	3.84
17/02/2022 19:00	14.63	378785.7	1.05	41.23	0	4.18
17/02/2022 20:00	14.64	380023	1.04	41.18	0	4.23
17/02/2022 21:00	14.64	381072.6	1.01	41.3	0	4.59
17/02/2022 22:00	14.63	382782.1	1	41.31	0	4.37
17/02/2022 23:00	14.6	388670.1	1.03	44.47	0	4.5
17/02/2022 24:00	14.6	364028.7	1.04	37.62	0	3.05
18/02/2022 01:00	14.6	363798.3	1.04	37.52	0	2.55
18/02/2022 02:00	14.61	366179.1	1.03	37.78	0	2.39
18/02/2022 03:00	14.6	364062.8	1.12	37.58	0	2.8
18/02/2022 04:00	14.6	361616.6	1.09	37.48	0	2.75
18/02/2022 05:00	14.6	360316.7	1.08	37.52	0	2.75
18/02/2022 06:00	14.56	353575.3	1.16	36.98	0	3.66
18/02/2022 07:00	14.57	355930.6	1.18	37.03	0	4.84
18/02/2022 08:00	14.6	363744.3	1.21	37.45	0	4.5
18/02/2022 09:00	14.64	373898.9	1.09	39.21	0	2.98
18/02/2022 10:00	14.69	381476.5	0.95	41.34	0	2.56
18/02/2022 11:00	14.71	382711	0.91	42.01	0	2.16
18/02/2022 12:00	14.73	380930.4	0.9	42.23	0	2.13
18/02/2022 13:00	14.73	367891.4	0.9	42.36	0	1.78
18/02/2022 14:00	14.71	382668.3	0.99	45.74	0	2.24
18/02/2022 15:00	14.69	383413.6	1.05	45.46	0	2.27
18/02/2022 16:00	14.64	386346.2	1.05	44.13	0	2.61
18/02/2022 17:00	14.66	386784.3	1.02	45.27	0	2.36
18/02/2022 18:00	14.7	385504.3	1	43.83	0	2.51
18/02/2022 19:00	14.71	385956.5	1.06	43.66	0	2.45
18/02/2022 20:00	14.71	385214.1	1.14	43.46	0	2.32
18/02/2022 21:00	14.73	387176.8	1.15	44.37	0	2.45
18/02/2022 22:00	14.69	387199.5	1	43.08	0	2.74
18/02/2022 23:00	14.63	387301.9	1.05	44.32	0	3.1
18/02/2022 24:00	14.64	370127.2	1.09	38.43	0	3.11
19/02/2022 01:00	14.63	368585.5	1.09	37.84	0	3.19
19/02/2022 02:00	14.63	370064.6	1.18	37.99	0	2.61
19/02/2022 03:00	14.63	369088.9	1.19	37.92	0	2.59
19/02/2022 04:00	14.62	367251.4	1.24	37.45	0	2.64
19/02/2022 05:00	14.61	366073.8	1.19	37.02	0	2.77
19/02/2022 06:00	14.58	359508.9	1.12	36.41	0	3.32
19/02/2022 07:00	14.58	359571.4	1.12	36.71	0	2.94
19/02/2022 08:00	14.62	365354.2	0.92	38.12	0	2.63
19/02/2022 09:00	14.65	373398.3	0.95	39.59	0	2.83
19/02/2022 10:00	14.67	376811.6	0.94	40.58	0	2.49
19/02/2022 11:00	14.7	377852.7	1.01	41.64	0	2.31
19/02/2022 12:00	14.73	376908.3	1.05	42.24	0	2.3
19/02/2022 13:00	14.73	373176.4	1.08	42.81	0	2.37
19/02/2022 14:00	14.72	381669.9	1.08	46.65	0	2.57
19/02/2022 15:00	14.73	380398.5	1.09	47.16	0	2.61
19/02/2022 16:00	14.75	379183.9	1.11	48.69	0	2.77
19/02/2022 17:00	14.75	379328.9	1.14	48.48	0	2.72
19/02/2022 18:00	14.73	380822.3	1.09	48.06	0	2.64



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
19/02/2022 19:00	14.71	382952.8	1.08	47.43	0	2.42
19/02/2022 20:00	14.74	385544.1	1.04	45.75	0	2.54
19/02/2022 21:00	14.71	386627.8	1.03	45.13	0	2.66
19/02/2022 22:00	14.7	387464.1	1.02	44.13	0	2.81
19/02/2022 23:00	14.64	385393.3	1.02	44.68	0	3.01
19/02/2022 24:00	14.63	363420	1.02	37.99	0	2.99
20/02/2022 01:00	14.62	362282.2	1.03	37.67	0	3.04
20/02/2022 02:00	14.63	364415.5	1.1	37.54	0	3.12
20/02/2022 03:00	14.61	361866.9	1.22	37.09	0	3.07
20/02/2022 04:00	14.6	359944.1	1.11	36.86	0	2.72
20/02/2022 05:00	14.59	358425.1	1.1	36.58	0	2.78
20/02/2022 06:00	14.56	352813	1.12	36.09	0	2.6
20/02/2022 07:00	14.55	350034	1.15	35.91	0	2.48
20/02/2022 08:00	14.55	351484.7	1.13	35.61	0	2.48
20/02/2022 09:00	14.57	354559.5	1.06	35.54	0	1.7
20/02/2022 10:00	14.65	358479.2	1.06	38.01	0	1.97
20/02/2022 11:00	14.69	357927.3	1.05	39.84	0	2.02
20/02/2022 12:00	14.71	356712.8	1.05	40.26	0	2.22
20/02/2022 13:00	14.7	357495	1.05	40.26	0	2.55
20/02/2022 14:00	14.68	356189.4	1.07	40.05	0	2.81
20/02/2022 15:00	14.7	358277.2	1.07	40	0	2.91
20/02/2022 16:00	14.71	358098	1.08	40.25	0	3.12
20/02/2022 17:00	14.68	354954.9	1.09	39.45	0	2.61
20/02/2022 18:00	14.66	362509.8	1.08	41.55	0	2.29
20/02/2022 19:00	14.71	380500.9	1.06	42.33	0	2.5
20/02/2022 20:00	14.7	380165.2	1.11	42.2	0	2.52
20/02/2022 21:00	14.68	380822.3	1.06	41.62	0	2.79
20/02/2022 22:00	14.63	372240.6	1.08	41.14	0	2.77
20/02/2022 23:00	14.64	364122.6	1.13	38.31	0	2.55
20/02/2022 24:00	14.62	362396	1.15	37.79	0	2.71
21/02/2022 01:00	14.61	361482.9	1.14	37.2	0	3
21/02/2022 02:00	14.6	361187.1	1.09	37.01	0	3.28
21/02/2022 03:00	14.59	358618.6	1.04	36.74	0	3.5
21/02/2022 04:00	14.58	357409.7	1.08	36.72	0	3.62
21/02/2022 05:00	14.57	356337.3	1.12	36.6	0	4.75
21/02/2022 06:00	14.56	353057.7	1.14	36.11	0	5.06
21/02/2022 07:00	14.57	356798.1	1.15	36.33	0	4.12
21/02/2022 08:00	14.61	366782.1	1.16	36.91	0	4.66
21/02/2022 09:00	14.67	376103.3	1.2	40.75	0	3.07
21/02/2022 10:00	14.69	378836.9	1.2	42.58	0	2.78
21/02/2022 11:00	14.7	376797.4	1.17	42.65	0	2.34
21/02/2022 12:00	14.73	377756	1.16	42.97	0	1.83
21/02/2022 13:00	14.73	366227.4	1.14	42.53	0	1.79
21/02/2022 14:00	14.71	382426.6	1.17	47.06	0	2.13
21/02/2022 15:00	14.72	381746.7	1.22	48.6	0	2.59
21/02/2022 16:00	14.71	384113.3	1.22	48.74	0	2.57
21/02/2022 17:00	14.71	384807.3	1.24	49.52	0	2.77
21/02/2022 18:00	14.72	384668	1.19	46.44	0	2.57
21/02/2022 19:00	14.74	384997.9	1.23	46.98	0	2.65
21/02/2022 20:00	14.72	381621.6	1.26	46.78	0	2.79
21/02/2022 21:00	14.7	381513.5	1.26	46.56	0	3.15
21/02/2022 22:00	14.69	380901.9	1.24	46.51	0	3.19
21/02/2022 23:00	14.67	392680.8	1.27	50.84	0	3.5
21/02/2022 24:00	14.63	357492.2	1.3	42.37	0	2.24
22/02/2022 01:00	14.64	358470.6	1.26	42.25	0	2.13
22/02/2022 02:00	14.65	360032.3	1.24	42.49	0	2.09
22/02/2022 03:00	14.65	357321.5	1.29	42.7	0	2.26
22/02/2022 04:00	14.64	355620.5	1.26	42.59	0	2.16
22/02/2022 05:00	14.64	355301.9	1.27	42.75	0	2.41
22/02/2022 06:00	14.62	349018.6	1.31	42.56	0	2.28
22/02/2022 07:00	14.62	349610.2	1.33	42.5	0	2.42
22/02/2022 08:00	14.65	356473.8	1.32	42.9	0	2.38
22/02/2022 09:00	14.7	367516	1.26	44.32	0	2.34
22/02/2022 10:00	14.72	371060.2	1.23	44.98	0	2.29
22/02/2022 11:00	14.74	370366.1	1.18	45.07	0	1.8
22/02/2022 12:00	14.76	369595.3	1.19	45.26	0	1.97
22/02/2022 13:00	14.77	368613.9	1.17	45.95	0	2.07
22/02/2022 14:00	14.77	383683.8	1.19	51.48	0	2.59
22/02/2022 15:00	14.77	383874.4	1.22	51.64	0	2.35
22/02/2022 16:00	14.75	385177.1	1.19	50.68	0	2.06
22/02/2022 17:00	14.75	385319.3	1.18	51.04	0	2.12
22/02/2022 18:00	14.77	386363.3	1.14	49.03	0	1.95
22/02/2022 19:00	14.75	385851.3	1.16	47.15	0	2.12
22/02/2022 20:00	14.75	385293.8	1.17	46.81	0	2.03
22/02/2022 21:00	14.75	387580.7	1.18	46.72	0	1.97
22/02/2022 22:00	14.71	385839.9	1.3	44.94	0	1.79
22/02/2022 23:00	14.68	390143.5	1.37	49.53	0	1.87
22/02/2022 24:00	14.66	359753.5	1.29	42.66	0	1.82
23/02/2022 01:00	14.67	362296.4	1.34	42.66	0	1.86
23/02/2022 02:00	14.66	362754.4	1.34	41.82	0	1.73
23/02/2022 03:00	14.65	361633.7	1.38	41.25	0	1.78
23/02/2022 04:00	14.66	359104.9	1.26	42.14	0	1.93
23/02/2022 05:00	14.66	356997.2	1.28	42.43	0	2.13
23/02/2022 06:00	14.64	350932.9	1.31	42.28	0	2.12
23/02/2022 07:00	14.65	352477.4	1.28	42.79	0	2.33
23/02/2022 08:00	14.68	360365	1.32	43.47	0	2.25
23/02/2022 09:00	14.74	370434.4	1.3	44.52	0.34	2.47
23/02/2022 10:00	14.78	375452	1.39	45.98	1.39	2.52
23/02/2022 11:00	14.79	374738	1.39	46.11	1.8	2.24
23/02/2022 12:00	14.81	373537.7	1.4	46.56	2.14	2.23



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
23/02/2022 13:00	14.8	369444.5	1.41	46.79	2.12	2.45
23/02/2022 14:00	14.81	383163.3	1.41	52.08	2.09	2.72
23/02/2022 15:00	14.81	382565.9	1.4	51.95	2	2.49
23/02/2022 16:00	14.81	382406.6	1.4	52.21	1.91	2.23
23/02/2022 17:00	14.79	383405	1.39	51.56	1.82	1.92
23/02/2022 18:00	14.81	385529.8	1.37	50.56	1.84	1.83
23/02/2022 19:00	14.8	385680.6	1.37	48.85	1.85	1.73
23/02/2022 20:00	14.79	384451.8	1.42	48.1	1.92	1.8
23/02/2022 21:00	14.8	385490	1.44	48.67	1.91	1.88
23/02/2022 22:00	14.79	385100.3	1.45	49.11	1.96	2.16
23/02/2022 23:00	14.74	390433.7	1.48	52.44	1.99	2.61
23/02/2022 24:00	14.72	358834.7	1.44	43.77	2.05	2.39
24/02/2022 01:00	14.73	363218	1.52	44.44	2.28	2.36
24/02/2022 02:00	14.73	363505.3	1.53	44.83	1.84	2.38
24/02/2022 03:00	14.72	361519.9	1.4	45.05	0.57	2.44
24/02/2022 04:00	14.7	359028.2	1.31	45.05	0	2.44
24/02/2022 05:00	14.69	355893.6	1.3	44.87	0	2.33
24/02/2022 06:00	14.67	350349.8	1.29	44.76	0	2.43
24/02/2022 07:00	14.67	351083.6	1.3	45.01	0	2.49
24/02/2022 08:00	14.7	358900.2	1.27	45.71	0	2.39
24/02/2022 09:00	14.74	366952.8	1.23	46.61	0	2.41
24/02/2022 10:00	14.77	370388.9	1.22	47.52	0	2.46
24/02/2022 11:00	14.79	372371.4	1.22	48.25	0	2.08
24/02/2022 12:00	14.79	368551.3	1.22	47.96	0	2.21
24/02/2022 13:00	14.8	365792.3	1.3	48.09	0.4	2.34
24/02/2022 14:00	14.84	386351.9	1.36	53.87	1.37	2.59
24/02/2022 15:00	14.83	385410.4	1.36	54.53	1.51	2.4
24/02/2022 16:00	14.83	384707.8	1.4	54.69	1.8	2.36
24/02/2022 17:00	14.83	384824.4	1.41	54.8	1.83	2.27
24/02/2022 18:00	14.84	385003.6	1.37	51.98	1.84	2.14
24/02/2022 19:00	14.82	384019.4	1.39	50.28	1.82	1.83
24/02/2022 20:00	14.81	383931.3	1.5	49.73	1.85	1.89
24/02/2022 21:00	14.82	384363.6	1.61	50.18	1.93	2.4
24/02/2022 22:00	14.81	384727.7	1.48	50.74	1.99	2.57
24/02/2022 23:00	14.77	389907.4	1.52	54.37	1.98	2.62
24/02/2022 24:00	14.73	360353.7	1.5	45.05	2.05	2.08
25/02/2022 01:00	14.71	359528.8	1.51	44.52	2.05	2.01
25/02/2022 02:00	14.71	360359.3	1.47	44.29	2.05	1.99
25/02/2022 03:00	14.71	360407.7	1.52	44.3	2.2	2.18
25/02/2022 04:00	14.7	357056.9	1.58	43.89	2.46	2.19
25/02/2022 05:00	14.7	354895.2	1.48	44.23	2.2	2.34
25/02/2022 06:00	14.67	349152.3	1.47	43.97	0.75	2.17
25/02/2022 07:00	14.66	349743.9	1.39	44.12	0	2.27
25/02/2022 08:00	14.68	356968.8	1.32	44.81	0	2.26
25/02/2022 09:00	14.74	365248.9	1.28	46.3	0	2.33
25/02/2022 10:00	14.78	371555.1	1.25	47.92	0	2.48
25/02/2022 11:00	14.8	372525	1.21	48.5	0	2.22
25/02/2022 12:00	14.81	371142.6	1.27	48.77	0	2.2
25/02/2022 13:00	14.79	365388.3	1.22	48.4	0	2.21
25/02/2022 14:00	14.82	385216.9	1.25	55.09	0	2.51
25/02/2022 15:00	14.83	383740.7	1.26	55.43	0	2.56
25/02/2022 16:00	14.82	383023.9	1.27	54.84	0	2.51
25/02/2022 17:00	14.83	383507.4	1.26	55.5	0	2.37
25/02/2022 18:00	14.84	383934.1	1.28	54.77	0	2.4
25/02/2022 19:00	14.85	385188.5	1.25	53.04	0	2.03
25/02/2022 20:00	14.83	384229.9	1.45	51.96	0	2.28
25/02/2022 21:00	14.82	384130.4	1.49	51.86	0	2.49
25/02/2022 22:00	14.78	382955.6	1.43	50.62	0	2.41
25/02/2022 23:00	14.76	388772.5	1.61	54.92	0	2.43
25/02/2022 24:00	14.72	360754.7	1.49	45.91	0	2.22
26/02/2022 01:00	14.71	360430.5	1.41	45.6	0	2.21
26/02/2022 02:00	14.72	361346.4	1.4	46.14	0	2.36
26/02/2022 03:00	14.71	359488.9	1.39	45.76	0	2.19
26/02/2022 04:00	14.71	358095.2	1.4	45.54	0	2.33
26/02/2022 05:00	14.7	356533.6	1.41	45.49	0	2.35
26/02/2022 06:00	14.69	351427.8	1.39	45.6	0	2.26
26/02/2022 07:00	14.68	350236	1.39	45.35	0	2.12
26/02/2022 08:00	14.7	355725.8	1.37	45.5	0	2.37
26/02/2022 09:00	14.73	363343.2	1.35	45.98	0	2.48
26/02/2022 10:00	14.75	365849.1	1.31	46.64	0	2.48
26/02/2022 11:00	14.78	366654.1	1.3	47.53	0	2.13
26/02/2022 12:00	14.82	367743.5	1.34	48.55	0	2.03
26/02/2022 13:00	14.83	359548.7	1.32	49.94	0	2.04
26/02/2022 14:00	14.86	381001.5	1.39	56.47	0	2.58
26/02/2022 15:00	14.85	380719.9	1.33	55.49	0	2.51
26/02/2022 16:00	14.83	380532.2	1.34	54.22	0	2.02
26/02/2022 17:00	14.83	381183.5	1.33	54.73	0	1.89
26/02/2022 18:00	14.85	382241.7	1.32	52.63	0	1.77
26/02/2022 19:00	14.86	382750.8	1.33	52.41	0	1.69
26/02/2022 20:00	14.8	382284.3	1.42	49.82	0	1.67
26/02/2022 21:00	14.77	381118.1	1.55	48.23	0	1.7
26/02/2022 22:00	14.75	380600.4	1.45	47.68	0	1.69
26/02/2022 23:00	14.71	390598.6	1.5	52.08	0	1.78
26/02/2022 24:00	14.65	352568.4	1.48	42.77	0	1.46
27/02/2022 01:00	14.65	353467.3	1.5	42.45	0	1.45
27/02/2022 02:00	14.68	354201.1	1.55	43.9	0	1.86
27/02/2022 03:00	14.66	350779.3	1.48	43.42	0	1.8
27/02/2022 04:00	14.65	348523.6	1.45	43.69	0	1.76
27/02/2022 05:00	14.65	348842.2	1.47	43.47	0	1.8
27/02/2022 06:00	14.63	343762	1.56	43.37	0	2.15



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
27/02/2022 07:00	14.63	341588.9	1.52	43.79	0	2.18
27/02/2022 08:00	14.63	344470.3	1.43	43.46	0	1.77
27/02/2022 09:00	14.67	347619.1	1.47	43.88	0	1.96
27/02/2022 10:00	14.7	350457.8	1.4	44.46	0	2.12
27/02/2022 11:00	14.72	349911.7	1.42	44.89	0	1.67
27/02/2022 12:00	14.74	350255.9	1.4	45.28	0	1.46
27/02/2022 13:00	14.77	350967	1.42	46.26	0	1.87
27/02/2022 14:00	14.81	353871.2	1.42	47.33	0	2.24
27/02/2022 15:00	14.81	354579.4	1.42	46.64	0	2.28
27/02/2022 16:00	14.8	355435.6	1.43	46.05	0	2.04
27/02/2022 17:00	14.77	355720.1	1.43	45.51	0	2.27
27/02/2022 18:00	14.76	362159.9	1.44	46.69	0	2.37
27/02/2022 19:00	14.8	378341.9	1.54	47.52	0	2.1
27/02/2022 20:00	14.79	378447.2	1.64	47.93	0	2.1
27/02/2022 21:00	14.76	377778.7	1.51	47.09	0	2.1
27/02/2022 22:00	14.72	370286.5	1.56	47.53	0	1.97
27/02/2022 23:00	14.7	358308.5	1.55	43.46	0	1.78
27/02/2022 24:00	14.69	356937.5	1.49	42.89	0	1.56
28/02/2022 01:00	14.68	356078.5	1.59	42.21	0	1.49
28/02/2022 02:00	14.67	355293.4	1.72	41.83	0	1.58
28/02/2022 03:00	14.62	352588.3	1.74	40.49	0	1.67
28/02/2022 04:00	14.63	351740.7	1.74	40.77	0	1.83
28/02/2022 05:00	14.61	349971.4	1.76	39.77	0	1.76
28/02/2022 06:00	14.6	346964.9	1.77	39.63	0	1.66
28/02/2022 07:00	14.59	347533.8	1.87	39.16	0	1.81
28/02/2022 08:00	14.62	358041.1	1.86	39.45	0	1.87
28/02/2022 09:00	14.7	370821.2	1.63	42.18	0	1.82
28/02/2022 10:00	14.76	374098	1.64	44.24	0	2.05
28/02/2022 11:00	14.78	375881.5	1.55	44.6	0	1.83
28/02/2022 12:00	14.83	377849.8	1.45	46.83	0	1.8
28/02/2022 13:00	14.79	370679	1.43	45.5	0	1.9
28/02/2022 14:00	14.78	379479.7	1.45	49.46	0	2.41
28/02/2022 15:00	14.79	378199.7	1.48	49.52	0	2.58
28/02/2022 16:00	14.79	378964.9	1.46	50.09	0	2.21
28/02/2022 17:00	14.79	379033.1	1.47	50.21	0	2.38
28/02/2022 18:00	14.78	379038.8	1.51	49.94	0	2.3
28/02/2022 19:00	14.74	380094.1	1.54	47.93	0	1.89
28/02/2022 20:00	14.73	382565.9	1.59	47.7	0	1.81
28/02/2022 21:00	14.72	384184.4	1.65	47.72	0	1.78
28/02/2022 22:00	14.75	385859.8	1.77	46.01	0	1.94
28/02/2022 23:00	14.72	381337.1	1.96	44.54	0	1.87
28/02/2022 24:00	14.7	380307.4	1.98	42.86	0	1.73
Minimum	14.51	247089	0.44	35.54	0	1.45
MinDate	15/02/2022 15:00	12/02/2022 13:00	01/02/2022 12:00	20/02/2022 09:00	01/02/2022 01:00	27/02/2022 01:00
Maximum	16.21	392680.8	417.48	56.47	5.95	5.99
MaxDate	12/02/2022 13:00	21/02/2022 23:00	12/02/2022 13:00	26/02/2022 14:00	13/02/2022 04:00	17/02/2022 15:00
Avg	14.72	372621	4.83	44.09	0.85	2.42
Num	542	542	542	542	542	542
Data[%]	80.7	80.7	80.7	80.7	80.7	80.7
STD	0.2	19611	31.4	4.4	2.1	0.6



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
01/02/2022 01:00	14.01	342854.6	0	24.14	1	0
01/02/2022 02:00	13.99	343346.7	0	23.65	1.09	0
01/02/2022 03:00	13.99	344348	0	23.49	1.14	0.08
01/02/2022 04:00	13.98	340948.9	0	23.47	1.18	0.24
01/02/2022 05:00	13.98	339290.6	0	23.31	1.25	0.05
01/02/2022 06:00	13.97	333624.4	0	23.06	1.22	0.12
01/02/2022 07:00	13.97	334423.7	0	22.97	1.19	0.23
01/02/2022 08:00	13.99	344333.8	0	23.36	1.22	0.2
01/02/2022 09:00	14.02	356405.6	0	24.14	1.19	0.01
01/02/2022 10:00	14.02	306294.8	0	28	0.72	0
01/02/2022 11:00	14.14	253360.4	0	35.17	0.19	0.63
01/02/2022 12:00	14.18	251479.9	0	36.78	0.08	0.01
01/02/2022 13:00	14.18	257941.5	0	36.5	0.01	0.01
01/02/2022 14:00	14.07	358766.5	0	27.45	0	0
01/02/2022 15:00	14.09	369746	0	30.07	0	0
01/02/2022 16:00	14.11	368562.7	0	31.07	0	0
01/02/2022 17:00	14.11	367772	0	31.54	0	0
01/02/2022 18:00	14.1	368639.5	0	31.55	0	0
01/02/2022 19:00	14.11	371398.6	0	30.52	0	0
01/02/2022 20:00	14.11	370727.3	0	28.96	0.01	0
01/02/2022 21:00	14.09	372456.8	0	28.38	0.03	0
01/02/2022 22:00	14.1	371236.5	0	28.86	0.04	0
01/02/2022 23:00	14.05	364151	0	28.56	0.04	0
01/02/2022 24:00	14.01	334591.5	0	26.43	0.04	0
02/02/2022 01:00	13.99	346341.9	0	25.44	0.05	0
02/02/2022 02:00	13.99	347437	0	25.23	0.07	0
02/02/2022 03:00	13.98	346922.2	0	25.01	0.05	0
02/02/2022 04:00	13.97	345195.6	0	24.67	0.08	0
02/02/2022 05:00	13.96	342388.2	0	24.57	0.08	0
02/02/2022 06:00	13.95	336204.3	0	24.21	0.07	0
02/02/2022 07:00	13.95	337831.3	0	24.19	0.1	0.01
02/02/2022 08:00	13.97	348506.6	0	24.62	0.08	0
02/02/2022 09:00	14.01	359332.5	0	25.55	0.04	0
02/02/2022 10:00	14.06	368645.2	0	26.64	0.02	0
02/02/2022 11:00	14.11	369632.3	0	26.79	0.3	0.72
02/02/2022 12:00	14.13	365283.1	0	27.2	0.51	0
02/02/2022 13:00	14.13	364387.1	0	27.61	0.51	0
02/02/2022 14:00	14.11	371509.6	0	29.5	0.51	0
02/02/2022 15:00	14.12	369273.8	0	29.94	0.55	0
02/02/2022 16:00	14.13	368679.3	0	30.13	0.54	0
02/02/2022 17:00	14.13	368269.8	0	30.38	0.53	0
02/02/2022 18:00	14.11	370363.3	0	29.71	0.49	0
02/02/2022 19:00	14.1	372818	0	28.75	0.55	0
02/02/2022 20:00	14.13	373563.3	0	28.05	0.52	0
02/02/2022 21:00	14.12	374174.8	0	27.97	0.5	0
02/02/2022 22:00	14.1	373281.7	0	27.15	0.56	0
02/02/2022 23:00	14.06	363269.2	0	26.81	0.56	0
02/02/2022 24:00	14.04	353177.1	0	25.84	0.66	0
03/02/2022 01:00	14.03	358942.8	0	25.64	0.68	0
03/02/2022 02:00	14.02	360063.5	0	25.49	0.73	0
03/02/2022 03:00	14.02	360035.1	0	25.34	0.78	0.01
03/02/2022 04:00	14.02	359872.9	0	25.4	0.84	0.02
03/02/2022 05:00	14.02	359187.4	0	25.62	0.89	0
03/02/2022 06:00	14.02	358146.4	0	25.48	0.96	0
03/02/2022 07:00	14.02	359358.1	0	25.51	0.99	0
03/02/2022 08:00	14.03	359235.8	0	25.42	1.08	0
03/02/2022 09:00	14.05	363764.2	0	25.3	1.02	0
03/02/2022 10:00	14.05	365212	0	26.39	0.31	0
03/02/2022 11:00	14.06	365456.6	0	27.02	0.07	0.63
03/02/2022 12:00	14.05	364688.6	0	27.09	0.04	0
03/02/2022 13:00	14.01	325466.3	0	27.6	0.02	0
03/02/2022 14:00	14.06	371731.4	0	28.93	0	0
03/02/2022 15:00	14.07	374211.8	0	28.33	0.03	0
03/02/2022 16:00	14.07	371927.7	0	30.28	0.04	0
03/02/2022 17:00	14.09	367823.2	0	30.46	0	0
03/02/2022 18:00	14.08	369399	0	30.29	0.01	0
03/02/2022 19:00	14.05	371412.9	0	29.48	0.01	0
03/02/2022 20:00	14.08	373150.8	0	28.88	0.04	0
03/02/2022 21:00	14.1	374703.9	0	28.77	0.05	0
03/02/2022 22:00	14.09	372607.5	0	28.34	0.06	0
03/02/2022 23:00	14.05	361750.2	0	28.29	0.04	0
03/02/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
04/02/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/02/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/02/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/02/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/02/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/02/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/02/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/02/2022 08:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/02/2022 09:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/02/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/02/2022 11:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/02/2022 12:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/02/2022 13:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
04/02/2022 14:00	14.93	238840.4	129.49	55.13	2.02	0.28
04/02/2022 15:00	14.11	369029.2	0	29.99	0	0
04/02/2022 16:00	14.08	371668.9	0	29.47	0	0
04/02/2022 17:00	14.08	371941.9	0	29.56	0	0
04/02/2022 18:00	14.13	372860.7	0	29.97	0	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
04/02/2022 19:00	14.13	371728.6	0	29.4	0.02	0
04/02/2022 20:00	14.12	371478.3	0	28.8	0.03	0
04/02/2022 21:00	14.1	372260.5	0	28.23	0.01	0
04/02/2022 22:00	14.07	371876.5	0	27.54	0.02	0
04/02/2022 23:00	14.03	362959.2	0	27.32	0.02	0
04/02/2022 24:00	14.03	352545.7	0	26.85	0.05	0
05/02/2022 01:00	14.03	357591.7	0	26.6	0.07	0
05/02/2022 02:00	14.03	359477.6	0	26.83	0.09	0
05/02/2022 03:00	14.03	359531.6	0	26.46	0.09	0
05/02/2022 04:00	14.04	360140.3	0	26.9	0.1	0
05/02/2022 05:00	14.06	360313.8	0	27.54	0.09	0
05/02/2022 06:00	14.07	359085	0	28.38	0.1	0
05/02/2022 07:00	14.08	358510.5	0	29.2	0.09	0
05/02/2022 08:00	14.08	356001.7	0	29.21	0.08	0
05/02/2022 09:00	14.08	356297.5	0	29.08	0.07	0
05/02/2022 10:00	14.1	358382.5	0	29.05	0.03	0
05/02/2022 11:00	14.12	360453.2	0	29.07	0	0.72
05/02/2022 12:00	14.12	361605.2	0	29.22	0	0
05/02/2022 13:00	14.07	315475.4	0	30.08	0	0
05/02/2022 14:00	14.15	370036.2	0	32.66	0	0
05/02/2022 15:00	14.15	370061.8	0	32.41	0	0
05/02/2022 16:00	14.14	369700.5	0	32.73	0	0
05/02/2022 17:00	14.14	370044.7	0	31.95	0	0
05/02/2022 18:00	14.16	369342.1	0	30.52	0	0
05/02/2022 19:00	14.11	366605.8	0	28.93	0	0
05/02/2022 20:00	14.1	364700	0	29.3	0	0
05/02/2022 21:00	14.09	363587.8	0	29.36	0	0
05/02/2022 22:00	14.1	364529.3	0	29.34	0	0
05/02/2022 23:00	14.09	357728.3	0	29.67	0.01	0
05/02/2022 24:00	14.08	350910.1	0	29.45	0.01	0
06/02/2022 01:00	14.08	356544.9	0	29.45	0.04	0
06/02/2022 02:00	14.08	356252	0	29.4	0.04	0
06/02/2022 03:00	14.09	356937.5	0	29.72	0.05	0
06/02/2022 04:00	14.09	357028.5	0	29.81	0.05	0
06/02/2022 05:00	14.08	355731.4	0	29.37	0.08	0
06/02/2022 06:00	14.08	355600.6	0	29.26	0.07	0
06/02/2022 07:00	14.09	356672.9	0	29.94	0.06	0
06/02/2022 08:00	14.09	355754.2	0	30.12	0.07	0
06/02/2022 09:00	14.1	356852.2	0	30.34	0.07	0
06/02/2022 10:00	14.11	356846.5	0	30.39	0.04	0
06/02/2022 11:00	14.14	360154.6	0	30.73	0	0.63
06/02/2022 12:00	14.15	361352.1	0	30.94	0	0
06/02/2022 13:00	14.17	361807.2	0	31.36	0	0
06/02/2022 14:00	14.18	362780	0	31.1	0	0
06/02/2022 15:00	14.18	362307.8	0	31.24	0	0
06/02/2022 16:00	14.19	362888.1	0	30.86	0	0
06/02/2022 17:00	14.18	363198.1	0	30.73	0	0
06/02/2022 18:00	14.14	362791.3	0	30.67	0	0
06/02/2022 19:00	14.1	366386.7	0	31.4	0	0
06/02/2022 20:00	14.08	368192.9	0	30.64	0	0
06/02/2022 21:00	14.06	369672.1	0	29.95	0	0
06/02/2022 22:00	14.06	362959.2	0	28.85	0.01	0
06/02/2022 23:00	14.05	356963.1	0	27.33	0.01	0
06/02/2022 24:00	14.03	356894.8	0	26.56	0.02	0
07/02/2022 01:00	14.02	356124	0	26.13	0.03	0
07/02/2022 02:00	14.02	356081.3	0	26.07	0.04	0
07/02/2022 03:00	14.03	355640.4	0	26.29	0.06	0
07/02/2022 04:00	14.02	355552.3	0	25.85	0.07	0
07/02/2022 05:00	14.02	355284.9	0	26.21	0.08	0
07/02/2022 06:00	14.03	355065.8	0	26.88	0.07	0
07/02/2022 07:00	14.02	355927.7	0	26.62	0.11	0
07/02/2022 08:00	14.04	358914.4	0	27.34	0.1	0
07/02/2022 09:00	14.07	360419.1	0	27.75	0.07	0
07/02/2022 10:00	14.14	363872.3	0	28.8	0.11	0
07/02/2022 11:00	14.17	365871.9	0	29	0.46	0.64
07/02/2022 12:00	14.18	365709.8	0	29.73	0.58	0
07/02/2022 13:00	14.16	365092.5	0	30.77	0.52	0
07/02/2022 14:00	14.17	362239.5	0	31.15	0.42	0
07/02/2022 15:00	14.18	363627.6	0	31.36	0.36	0
07/02/2022 16:00	14.18	362159.9	0	31.59	0.42	0
07/02/2022 17:00	14.18	363127	0	31.64	0.42	0
07/02/2022 18:00	14.16	364500.9	0	31.01	0.4	0
07/02/2022 19:00	14.14	366153.5	0	30.37	0.32	0
07/02/2022 20:00	14.13	368670.8	0	30.52	0.29	0
07/02/2022 21:00	14.11	371114.2	0	30.29	0.27	0
07/02/2022 22:00	14.12	371620.5	0	29.56	0.36	0
07/02/2022 23:00	14.1	365943	0	28.58	0.43	0
07/02/2022 24:00	14.1	356670.1	0	27.64	0.49	0
08/02/2022 01:00	14.1	359355.3	0	27.28	0.54	0
08/02/2022 02:00	14.05	359272.8	0	25.82	0.57	0
08/02/2022 03:00	14.06	360288.3	0	25.59	0.63	0
08/02/2022 04:00	14.05	360276.9	0	25.55	0.75	0
08/02/2022 05:00	14.03	358695.3	0	25.34	0.76	0
08/02/2022 06:00	14.02	357204.9	0	25.27	0.87	0
08/02/2022 07:00	14.02	358661.2	0	25.25	0.97	0
08/02/2022 08:00	14.01	357472.3	0	24.87	0.98	0
08/02/2022 09:00	14.05	362068.9	0	25	0.97	0
08/02/2022 10:00	14.1	365524.9	0	25.84	0.9	0
08/02/2022 11:00	14.12	365291.6	0	27.19	0.8	0.63
08/02/2022 12:00	14.14	365055.5	0	27.98	0.69	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
08/02/2022 13:00	14.1	327331	0	27.41	0.68	0
08/02/2022 14:00	14.14	363590.6	0	29.41	0.48	0
08/02/2022 15:00	14.15	362458.6	0	29.88	0.49	0
08/02/2022 16:00	14.15	361775.9	0	29.69	0.41	0
08/02/2022 17:00	14.15	361275.3	0	29.93	0.42	0
08/02/2022 18:00	14.14	362663.3	0	30.09	0.35	0
08/02/2022 19:00	14.11	365186.4	0	29.36	0.32	0
08/02/2022 20:00	14.08	367757.8	0	28.37	0.3	0
08/02/2022 21:00	14.07	368281.1	0	27.94	0.34	0
08/02/2022 22:00	14.06	371100	0	27.63	0.39	0
08/02/2022 23:00	14.07	365908.9	0	27	0.44	0
08/02/2022 24:00	14.04	351092.2	0	25.61	0.5	0
09/02/2022 01:00	14.07	360857.1	0	25.55	0.59	0
09/02/2022 02:00	14.07	362649.1	0	25.42	0.62	0
09/02/2022 03:00	14.05	362265.1	0	25.07	0.68	0
09/02/2022 04:00	14.03	360777.5	0	24.64	0.69	0
09/02/2022 05:00	14.02	360837.2	0	24.38	0.71	0
09/02/2022 06:00	14.01	358809.1	0	24.18	0.74	0
09/02/2022 07:00	14.01	360692.2	0	24.26	0.77	0.03
09/02/2022 08:00	14.01	359403.6	0	24.29	0.8	0
09/02/2022 09:00	14.04	363562.2	0	24.27	0.84	0
09/02/2022 10:00	14.07	365561.8	0	24.65	0.75	0
09/02/2022 11:00	14.09	366585.8	0	25.26	0.73	0.63
09/02/2022 12:00	14.1	365664.3	0	26.25	0.67	0
09/02/2022 13:00	14.05	300829.3	0	26	0.63	0
09/02/2022 14:00	14.12	364179.4	0	28.45	0.51	0
09/02/2022 15:00	14.12	363354.6	0	28.95	0.43	0
09/02/2022 16:00	14.09	367550.1	0	28.3	0.39	0
09/02/2022 17:00	14.09	372476.7	0	29.5	0.43	0
09/02/2022 18:00	14.13	372314.6	0	28.27	0.49	0
09/02/2022 19:00	14.11	370602.2	0	29.09	0.56	0
09/02/2022 20:00	14.12	372544.9	0	27.58	0.51	0
09/02/2022 21:00	14.12	373153.7	0	27.08	0.48	0
09/02/2022 22:00	14.1	373469.4	0	26.39	0.5	0
09/02/2022 23:00	14.06	368010.9	0	26.31	0.55	0
09/02/2022 24:00	14.04	356479.5	0	25.21	0.62	0
10/02/2022 01:00	14.03	359642.6	0	24.77	0.62	0
10/02/2022 02:00	14.02	361198.5	0	24.39	0.78	0
10/02/2022 03:00	14.02	361073.3	0	24.07	0.8	0.09
10/02/2022 04:00	14.01	360686.5	0	24.01	0.72	0.03
10/02/2022 05:00	14.01	359636.9	0	23.85	0.78	0
10/02/2022 06:00	14.01	358541.8	0	23.84	0.84	0
10/02/2022 07:00	14.01	360080.6	0	23.95	0.9	0.12
10/02/2022 08:00	14.01	359784.8	0	24.01	0.84	0.04
10/02/2022 09:00	14.03	363673.1	0	24.2	0.82	0
10/02/2022 10:00	14.05	365203.4	0	24.89	0.55	0
10/02/2022 11:00	14.07	366449.3	0	26.14	0.04	0.63
10/02/2022 12:00	14.06	365962.9	0	27.16	0.02	0
10/02/2022 13:00	14.03	322418.3	0	27.41	0	0
10/02/2022 14:00	14.08	365123.8	0	29.27	0	0
10/02/2022 15:00	14.08	365462.3	0	29.55	0	0
10/02/2022 16:00	14.08	365971.4	0	29.28	0	0
10/02/2022 17:00	14.04	369874	0	28.44	0	0
10/02/2022 18:00	14.09	370516.9	0	27.55	0	0
10/02/2022 19:00	14.08	370929.3	0	27.19	0	0
10/02/2022 20:00	14.06	367501.8	0	26.54	0	0
10/02/2022 21:00	14.06	371176.8	0	26.5	0	0
10/02/2022 22:00	14.05	370056.1	0	26.46	0.01	0
10/02/2022 23:00	14.02	364224.9	0	26.57	0.01	0
10/02/2022 24:00	14.02	356909	0	26.29	0.02	0
11/02/2022 01:00	14.02	359577.1	0	25.68	0.02	0
11/02/2022 02:00	14.02	361599.5	0	25.62	0.02	0
11/02/2022 03:00	14.01	361050.6	0	25.12	0.03	0
11/02/2022 04:00	14	361027.8	0	25.05	0.05	0
11/02/2022 05:00	14	359799	0	25.15	0.05	0.04
11/02/2022 06:00	14	358115.1	0	25.18	0.05	0.03
11/02/2022 07:00	13.99	358317	0	24.98	0.04	0.01
11/02/2022 08:00	14	358336.9	0	25.24	0.05	0.02
11/02/2022 09:00	14.02	360908.3	0	25.28	0.02	0
11/02/2022 10:00	14.05	363681.7	0	25.17	0.04	0
11/02/2022 11:00	14.11	365305.8	0	25.71	0.35	0.63
11/02/2022 12:00	14.12	364546.4	0	26.25	0.42	0
11/02/2022 13:00	14.08	352869.9	0	26.94	0.45	0
11/02/2022 14:00	14.1	363858	0	28.4	0.42	0
11/02/2022 15:00	14.12	364970.2	0	28.94	0.36	0
11/02/2022 16:00	14.12	364805.2	0	29.27	0.37	0
11/02/2022 17:00	14.12	366452.2	0	29.24	0.35	0
11/02/2022 18:00	14.11	367561.5	0	26.68	0.29	0
11/02/2022 19:00	14.07	363439.9	0	25.64	0.28	0
11/02/2022 20:00	14.07	363604.9	0	25.67	0.28	0
11/02/2022 21:00	14.07	366659.8	0	25.77	0.32	0
11/02/2022 22:00	14.07	366742.3	0	25.73	0.43	0
11/02/2022 23:00	14.06	359324	0	26.1	0.45	0
11/02/2022 24:00	14.06	354021.9	0	26.08	0.48	0
12/02/2022 01:00	14.07	360123.3	0	25.83	0.53	0
12/02/2022 02:00	14.07	361790.1	0	25.56	0.64	0
12/02/2022 03:00	14.05	361864.1	0	25.1	0.75	0
12/02/2022 04:00	14.05	360512.9	0	24.97	0.73	0
12/02/2022 05:00	14.04	358786.4	0	25.02	0.83	0
12/02/2022 06:00	14.03	357628.7	0	24.84	0.83	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
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12/02/2022 08:00	14.03	357989.9	0	24.73	0.87	0
12/02/2022 09:00	14.05	361263.9	0	24.79	0.95	0
12/02/2022 10:00	14.06	361335	0	25.03	0.91	0
12/02/2022 11:00	14.09	363997.4	0	25.31	0.9	0.63
12/02/2022 12:00	14.13	364424.1	0	26.22	0.85	0
12/02/2022 13:00	14.06	331114.1	0	25.52	0.7	0
12/02/2022 14:00	14.1	366102.3	0	27.7	0.63	0
12/02/2022 15:00	14.07	368838.6	0	25.52	0.49	0
12/02/2022 16:00	14.04	366730.9	0	24.29	0.48	0.11
12/02/2022 17:00	14.05	365408.3	0	24.99	0.52	0
12/02/2022 18:00	14.03	361445.9	0	24.67	0.54	0
12/02/2022 19:00	14.02	359503.2	0	24.21	0.65	0
12/02/2022 20:00	14.02	361932.3	0	23.99	0.74	0
12/02/2022 21:00	14.02	364108.3	0	23.95	0.71	0
12/02/2022 22:00	14.02	363485.4	0	24.21	0.72	0
12/02/2022 23:00	14.02	354438.4	0	24.41	0.77	0
12/02/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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13/02/2022 09:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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13/02/2022 13:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
13/02/2022 14:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
13/02/2022 15:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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13/02/2022 17:00	15.61	178531.3	<Samp	55.36	<Samp	0.44
13/02/2022 18:00	14.1	320025.8	0	30.46	0.33	0
13/02/2022 19:00	14.15	366708.2	0	27.55	0.33	0
13/02/2022 20:00	14.13	367052.3	0	26.81	0.39	0
13/02/2022 21:00	14.1	364355.8	0	26.64	0.49	0
13/02/2022 22:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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14/02/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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14/02/2022 14:00	14.1	365610.2	0	27.57	0.74	0
14/02/2022 15:00	14.12	364938.9	0	29.25	0.24	0
14/02/2022 16:00	14.1	363451.3	0	30.09	0	0
14/02/2022 17:00	14.08	368386.4	0	29.89	0	0
14/02/2022 18:00	14.08	370280.8	0	27.58	0	0
14/02/2022 19:00	14.07	370204	0	27.52	0	0
14/02/2022 20:00	14.07	369973.6	0	27.09	0.01	0
14/02/2022 21:00	14.06	372832.3	0	26.86	0.02	0
14/02/2022 22:00	14.07	372832.3	0	26.93	0.02	0
14/02/2022 23:00	14.04	359848.6	0	27.72	0.02	0.01
14/02/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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15/02/2022 15:00	14.08	369455.9	0	28.81	0	0
15/02/2022 16:00	14.09	368557	0	29.91	0	0
15/02/2022 17:00	14.08	369555.4	0	29.88	0	0
15/02/2022 18:00	14.1	368924	0	28.78	0	0
15/02/2022 19:00	14.1	368847.2	0	27.74	0	0
15/02/2022 20:00	14.09	367854.5	0	27.76	0.02	0
15/02/2022 21:00	14.06	367274.2	0	27.17	0	0
15/02/2022 22:00	14.04	364731.3	0	27.05	0.01	0
15/02/2022 23:00	14.02	354946.2	0	27.04	0.03	0
15/02/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
16/02/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/02/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/02/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/02/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/02/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/02/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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16/02/2022 08:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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16/02/2022 15:00	14.13	367934.1	0	28.12	0	0
16/02/2022 16:00	14.1	366969.8	0	27.4	0	0
16/02/2022 17:00	14.05	363954.7	0	26.33	0	0
16/02/2022 18:00	14.03	359927	0	26.03	0	0
16/02/2022 19:00	14.02	357995.6	0	26.09	0	0
16/02/2022 20:00	14.01	358533.2	0	25.91	0.01	0
16/02/2022 21:00	14.01	359417.8	0	25.9	0.02	0
16/02/2022 22:00	14.01	359801.8	0	26.12	0.02	0
16/02/2022 23:00	14	371051.6	0	27.94	0.03	0
16/02/2022 24:00	13.98	338286.5	0	24.45	0.02	0
17/02/2022 01:00	13.98	337635.1	0	24.17	0.02	0
17/02/2022 02:00	13.98	337623.7	0	24.18	0.03	0
17/02/2022 03:00	13.96	335427.8	0	23.68	0.04	0.02
17/02/2022 04:00	13.96	334193.3	0	23.64	0.04	0
17/02/2022 05:00	13.95	333519.2	0	23.54	0.06	0.01
17/02/2022 06:00	13.94	328572.7	0	23.26	0.05	0.04
17/02/2022 07:00	13.94	328407.7	0	23.13	0.03	0.02
17/02/2022 08:00	13.97	341918.8	0	23.69	0.03	0.03
17/02/2022 09:00	14	356803.8	0	24.83	0.01	0
17/02/2022 10:00	14.01	358251.6	0	25.11	0	0
17/02/2022 11:00	14.05	360871.3	0	25.75	0	0.63
17/02/2022 12:00	14.05	359457.7	0	25.99	0	0
17/02/2022 13:00	14.03	346871	0	26.33	0	0
17/02/2022 14:00	14.02	365200.6	0	26.85	0	0.45
17/02/2022 15:00	14.01	364623.2	0	26.04	0.02	1.24
17/02/2022 16:00	14.04	367453.4	0	26.58	0.01	0
17/02/2022 17:00	14.04	366807.7	0	27.67	0	0
17/02/2022 18:00	14.01	358351.2	0	26.24	0	0.5
17/02/2022 19:00	14	358513.3	0	25.5	0.02	0.44
17/02/2022 20:00	14	360214.3	0	25.46	0.01	0.18
17/02/2022 21:00	14.01	362103	0	25.49	0.01	0.24
17/02/2022 22:00	14	363203.8	0	25.51	0.01	0.04
17/02/2022 23:00	13.98	370869.6	0	27.05	0.01	0
17/02/2022 24:00	13.96	341122.4	0	23.89	0.01	0
18/02/2022 01:00	13.96	340143.9	0	23.66	0.02	0
18/02/2022 02:00	13.97	342476.3	0	23.82	0.02	0
18/02/2022 03:00	13.96	340459.6	0	23.7	0.02	0.05
18/02/2022 04:00	13.96	338090.2	0	23.71	0.03	0.03
18/02/2022 05:00	13.96	336594	0	23.69	0.03	0
18/02/2022 06:00	13.94	329335	0	23.42	0.03	0.11
18/02/2022 07:00	13.94	332114	0	23.43	0.03	0.39
18/02/2022 08:00	13.97	340735.5	0	23.76	0.02	0.51
18/02/2022 09:00	14.01	353194.2	0	24.63	0.01	0.02
18/02/2022 10:00	14.06	362376.1	0	25.25	0.02	0
18/02/2022 11:00	14.09	364409.8	0	25.17	0.23	0.63
18/02/2022 12:00	14.11	362074.6	0	25.48	0.33	0
18/02/2022 13:00	14.12	347934.6	0	26.65	0.38	0
18/02/2022 14:00	14.09	363912.1	0	27.89	0.33	0
18/02/2022 15:00	14.07	364799.5	0	27.53	0.19	0
18/02/2022 16:00	14.03	367120.6	0	26.32	0.19	0
18/02/2022 17:00	14.04	368400.6	0	26.98	0.21	0
18/02/2022 18:00	14.08	367376.6	0	26.31	0.27	0
18/02/2022 19:00	14.09	367715.1	0	25.86	0.24	0
18/02/2022 20:00	14.09	367089.3	0	25.88	0.24	0
18/02/2022 21:00	14.1	368929.7	0	26.44	0.3	0
18/02/2022 22:00	14.07	368050.7	0	25.61	0.29	0
18/02/2022 23:00	14.02	369598.1	0	26.45	0.31	0.04
18/02/2022 24:00	14	347360.3	0	23.51	0.34	0.18
19/02/2022 01:00	13.99	345408.9	0	23.18	0.39	0.14
19/02/2022 02:00	13.99	347425.7	0	23.22	0.44	0
19/02/2022 03:00	14	346683.3	0	23.23	0.56	0
19/02/2022 04:00	13.99	344552.8	0	23.01	0.62	0
19/02/2022 05:00	13.98	342368.3	0	22.67	0.62	0.01
19/02/2022 06:00	13.96	335385.1	0	22.29	0.62	0.22
19/02/2022 07:00	13.96	335245.8	0	22.4	0.61	0.19
19/02/2022 08:00	13.99	341577.5	0	23.3	0.74	0.15
19/02/2022 09:00	14.02	351245.8	0	24.09	0.61	0.16
19/02/2022 10:00	14.05	355967.5	0	24.61	0.55	0
19/02/2022 11:00	14.08	357261.8	0	25.25	0.55	0.63
19/02/2022 12:00	14.11	356852.2	0	25.74	0.4	0
19/02/2022 13:00	14.11	353356.3	0	26.13	0.31	0
19/02/2022 14:00	14.1	363482.6	0	28.47	0.24	0
19/02/2022 15:00	14.11	361522.7	0	28.85	0.21	0
19/02/2022 16:00	14.13	359676.7	0	29.96	0.17	0
19/02/2022 17:00	14.13	360709.2	0	29.61	0.15	0
19/02/2022 18:00	14.11	361983.5	0	29.16	0.13	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
19/02/2022 19:00	14.09	364082.7	0	28.53	0.12	0
19/02/2022 20:00	14.11	366975.5	0	27.47	0.13	0
19/02/2022 21:00	14.08	367717.9	0	27.04	0.13	0
19/02/2022 22:00	14.08	368551.3	0	26.37	0.15	0
19/02/2022 23:00	14.02	366534.6	0	26.77	0.21	0.01
19/02/2022 24:00	14	339330.4	0	23.34	0.23	0.09
20/02/2022 01:00	14	338733	0	23.05	0.28	0.13
20/02/2022 02:00	14	340360.1	0	22.95	0.34	0.17
20/02/2022 03:00	13.98	337711.9	0	22.66	0.38	0.18
20/02/2022 04:00	13.97	335968.3	0	22.49	0.46	0.13
20/02/2022 05:00	13.96	333701.2	0	22.31	0.53	0.21
20/02/2022 06:00	13.95	327790.5	0	22.01	0.55	0.13
20/02/2022 07:00	13.93	324192.3	0	22	0.57	0.18
20/02/2022 08:00	13.94	326012.7	0	21.79	0.63	0.25
20/02/2022 09:00	13.96	329903.9	0	21.44	0.58	0
20/02/2022 10:00	14.03	334662.6	0	23.13	0.52	0
20/02/2022 11:00	14.08	334150.6	0	24.61	0.57	0.63
20/02/2022 12:00	14.1	333596	0	24.93	0.37	0
20/02/2022 13:00	14.09	333689.8	0	24.95	0.26	0
20/02/2022 14:00	14.06	332318.8	0	24.75	0.17	0
20/02/2022 15:00	14.08	334218.9	0	24.63	0.17	0
20/02/2022 16:00	14.09	334767.9	0	24.7	0.22	0
20/02/2022 17:00	14.06	330930.7	0	24.28	0.12	0
20/02/2022 18:00	14.04	339771.3	0	25.66	0.12	0
20/02/2022 19:00	14.08	360803.1	0	25.44	0.11	0
20/02/2022 20:00	14.07	360146	0	25.31	0.14	0
20/02/2022 21:00	14.06	361443.1	0	24.96	0.17	0
20/02/2022 22:00	14.01	351160.4	0	24.8	0.19	0.03
20/02/2022 23:00	14.02	340897.7	0	23.4	0.27	0.04
20/02/2022 24:00	14	338130	0	23.07	0.29	0.12
21/02/2022 01:00	13.99	337589.6	0	22.76	0.33	0.26
21/02/2022 02:00	13.98	337302.3	0	22.59	0.36	0.27
21/02/2022 03:00	13.96	335194.6	0	22.41	0.4	0.26
21/02/2022 04:00	13.96	333604.5	0	22.43	0.45	0.16
21/02/2022 05:00	13.95	332495.2	0	22.31	0.5	0.7
21/02/2022 06:00	13.94	328439	0	22.07	0.57	0.91
21/02/2022 07:00	13.95	332529.3	0	22.1	0.62	0.59
21/02/2022 08:00	13.98	343685.2	0	22.41	0.58	0.34
21/02/2022 09:00	14.02	354659.1	0	24.32	0.55	0.01
21/02/2022 10:00	14.04	357440.9	0	25.88	0.33	0
21/02/2022 11:00	14.06	355899.3	0	26.64	0.03	0.63
21/02/2022 12:00	14.08	357295.9	0	27.11	0	0
21/02/2022 13:00	14.09	345646.3	0	27.64	0	0
21/02/2022 14:00	14.08	363951.9	0	29.61	0	0
21/02/2022 15:00	14.09	365163.6	0	30.43	0	0
21/02/2022 16:00	14.08	366270.1	0	30.28	0	0
21/02/2022 17:00	14.08	366992.6	0	30.6	0	0
21/02/2022 18:00	14.09	367513.1	0	28.66	0	0
21/02/2022 19:00	14.1	366565.9	0	28.91	0	0
21/02/2022 20:00	14.07	361932.3	0	29.16	0	0
21/02/2022 21:00	14.06	360999.3	0	28.79	0	0
21/02/2022 22:00	14.05	360504.4	0	28.75	0.01	0.02
21/02/2022 23:00	14.05	374123.6	0	31.07	0.02	0.08
21/02/2022 24:00	14	332850.7	0	27.28	0.01	0.02
22/02/2022 01:00	14.01	333283.1	0	26.92	0.03	0
22/02/2022 02:00	14.01	334671.2	0	27.11	0.03	0
22/02/2022 03:00	14.01	331715.8	0	27.28	0.05	0
22/02/2022 04:00	14.01	329935.2	0	27.31	0.06	0
22/02/2022 05:00	14.01	329448.8	0	27.41	0.05	0
22/02/2022 06:00	13.99	321515.6	0	27.88	0.05	0
22/02/2022 07:00	13.99	321640.8	0	27.87	0.09	0
22/02/2022 08:00	14.01	330555.3	0	27.65	0.06	0
22/02/2022 09:00	14.05	343116.3	0	28.16	0.04	0
22/02/2022 10:00	14.08	348025.8	0	28.63	0.02	0
22/02/2022 11:00	14.11	347684.5	0	28.2	0.15	0.63
22/02/2022 12:00	14.13	347724.3	0	28.22	0.23	0
22/02/2022 13:00	14.14	347567.9	0	28.72	0.19	0
22/02/2022 14:00	14.15	367123.4	0	31.58	0.16	0
22/02/2022 15:00	14.15	366494.8	0	31.5	0.17	0
22/02/2022 16:00	14.13	365630.1	0	30.98	0.14	0
22/02/2022 17:00	14.13	365675.6	0	31.21	0.15	0
22/02/2022 18:00	14.15	366614.3	0	29.67	0.17	0
22/02/2022 19:00	14.13	365655.7	0	28.29	0.18	0
22/02/2022 20:00	14.12	365066.9	0	28.17	0.16	0
22/02/2022 21:00	14.12	367524.5	0	27.84	0.16	0
22/02/2022 22:00	14.09	365593.1	0	27.1	0.18	0
22/02/2022 23:00	14.06	371805.4	0	29.61	0.23	0
22/02/2022 24:00	14.04	335436.3	0	26.75	0.32	0
23/02/2022 01:00	14.05	338639.2	0	26.53	0.37	0
23/02/2022 02:00	14.04	339313.3	0	26.01	0.42	0
23/02/2022 03:00	14.02	337319.3	0	25.5	0.51	0
23/02/2022 04:00	14.03	333687	0	26.15	0.57	0
23/02/2022 05:00	14.03	331124.2	0	26.56	0.59	0
23/02/2022 06:00	14.01	323620.5	0	26.93	0.64	0
23/02/2022 07:00	14.02	325358.5	0	27.14	0.66	0
23/02/2022 08:00	14.05	334392.4	0	27.01	0.67	0
23/02/2022 09:00	14.09	346248.1	0	27.75	0.71	0
23/02/2022 10:00	14.12	352030.8	0	28.64	0.59	0
23/02/2022 11:00	14.14	352028	0	28.79	0.61	0.63
23/02/2022 12:00	14.16	351555.8	0	29.24	0.57	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
23/02/2022 13:00	14.16	348344.4	0	29.47	0.46	0
23/02/2022 14:00	14.17	366565.9	0	32.37	0.33	0
23/02/2022 15:00	14.17	364637.4	0	32.49	0.36	0
23/02/2022 16:00	14.18	363397.2	0	32.58	0.31	0
23/02/2022 17:00	14.16	363926.3	0	31.94	0.24	0
23/02/2022 18:00	14.17	366477.8	0	31.04	0.19	0
23/02/2022 19:00	14.17	366506.2	0	29.81	0.22	0
23/02/2022 20:00	14.15	364896.3	0	29.36	0.23	0
23/02/2022 21:00	14.14	365362.7	0	29.61	0.26	0
23/02/2022 22:00	14.14	364185.1	0	30.02	0.35	0
23/02/2022 23:00	14.11	373025.7	0	31.67	0.35	0
23/02/2022 24:00	14.07	333573.2	0	28.38	0.39	0.01
24/02/2022 01:00	14.08	338090.2	0	28.11	0.46	0
24/02/2022 02:00	14.08	337984.9	0	28.23	0.43	0
24/02/2022 03:00	14.08	335629.8	0	28.25	0.45	0
24/02/2022 04:00	14.07	333129.5	0	28.33	0.51	0
24/02/2022 05:00	14.06	329266.7	0	28.49	0.52	0
24/02/2022 06:00	14.04	322428.7	0	29.06	0.53	0.01
24/02/2022 07:00	14.04	323165.4	0	29.13	0.56	0.03
24/02/2022 08:00	14.07	332566.3	0	28.96	0.5	0.03
24/02/2022 09:00	14.1	342439.3	0	29.28	0.47	0.02
24/02/2022 10:00	14.12	346538.2	0	29.67	0.38	0.01
24/02/2022 11:00	14.15	349018.6	0	30.08	0.41	0.64
24/02/2022 12:00	14.16	345218.4	0	30.05	0.37	0
24/02/2022 13:00	14.16	343483.3	0	30.27	0.3	0.02
24/02/2022 14:00	14.21	369273.8	0	32.87	0.22	0
24/02/2022 15:00	14.2	367797.6	0	33.48	0.22	0
24/02/2022 16:00	14.2	365709.8	0	33.77	0.2	0
24/02/2022 17:00	14.19	366748	0	33.82	0.19	0
24/02/2022 18:00	14.21	365923.1	0	31.84	0.16	0
24/02/2022 19:00	14.18	363297.7	0	30.88	0.14	0
24/02/2022 20:00	14.16	362413	0	30.43	0.16	0
24/02/2022 21:00	14.15	362063.2	0	30.55	0.18	0
24/02/2022 22:00	14.15	362814.1	0	31	0.25	0
24/02/2022 23:00	14.13	372476.7	0	32.98	0.28	0.01
24/02/2022 24:00	14.08	334523.3	0	28.62	0.31	0.01
25/02/2022 01:00	14.07	333544.8	0	28.09	0.41	0
25/02/2022 02:00	14.07	333991.3	0	27.94	0.45	0
25/02/2022 03:00	14.07	333823.5	0	27.97	0.51	0
25/02/2022 04:00	14.06	329975	0	27.91	0.56	0
25/02/2022 05:00	14.06	327895.7	0	28.31	0.58	0
25/02/2022 06:00	14.04	320744.8	0	28.5	0.59	0.01
25/02/2022 07:00	14.03	321438.8	0	28.33	0.56	0
25/02/2022 08:00	14.06	330279.3	0	28.22	0.53	0.01
25/02/2022 09:00	14.1	340436.9	0	28.71	0.51	0.01
25/02/2022 10:00	14.14	347468.3	0	29.76	0.45	0.01
25/02/2022 11:00	14.16	349556.2	0	30.08	0.36	0.73
25/02/2022 12:00	14.17	347877.9	0	30.2	0.3	0
25/02/2022 13:00	14.16	341816.4	0	30.27	0.26	0.01
25/02/2022 14:00	14.2	367237.2	0	33.58	0.25	0
25/02/2022 15:00	14.2	365635.8	0	34.03	0.17	0
25/02/2022 16:00	14.2	364199.3	0	33.64	0.13	0
25/02/2022 17:00	14.2	365834.9	0	34.06	0.13	0
25/02/2022 18:00	14.23	365957.2	0	32.97	0.12	0
25/02/2022 19:00	14.21	364987.3	0	31.93	0.08	0
25/02/2022 20:00	14.18	362791.3	0	31.33	0.07	0
25/02/2022 21:00	14.18	364230.6	0	31.46	0.04	0
25/02/2022 22:00	14.15	362626.4	0	31.04	0.03	0
25/02/2022 23:00	14.13	371501	0	33.15	0.03	0
25/02/2022 24:00	14.08	334693.9	0	28.83	0.03	0
26/02/2022 01:00	14.08	333752.4	0	28.59	0.02	0
26/02/2022 02:00	14.08	334893	0	28.65	0.02	0
26/02/2022 03:00	14.08	333365.6	0	28.64	0.02	0
26/02/2022 04:00	14.07	331078.6	0	28.51	0.02	0
26/02/2022 05:00	14.07	329784.4	0	28.66	0.03	0
26/02/2022 06:00	14.06	323577.8	0	29.25	0.02	0.01
26/02/2022 07:00	14.05	321760.3	0	29.21	0.01	0.01
26/02/2022 08:00	14.07	328606.8	0	28.78	0	0
26/02/2022 09:00	14.09	337566.8	0	28.67	0	0
26/02/2022 10:00	14.12	341532	0	29.05	0	0.01
26/02/2022 11:00	14.16	343403.6	0	29.58	0	0.74
26/02/2022 12:00	14.19	344945.3	0	30.36	0	0.01
26/02/2022 13:00	14.21	337276.7	0	31.72	0	0.04
26/02/2022 14:00	14.24	364338.7	0	34.81	0	0
26/02/2022 15:00	14.22	361303.7	0	34.48	0	0.01
26/02/2022 16:00	14.21	360379.3	0	33.57	0	0
26/02/2022 17:00	14.21	361389	0	33.73	0	0
26/02/2022 18:00	14.23	362398.8	0	32.55	0	0
26/02/2022 19:00	14.23	362737.3	0	32.14	0	0
26/02/2022 20:00	14.17	360740.5	0	30.38	0	0
26/02/2022 21:00	14.13	359432.1	0	29.32	0	0
26/02/2022 22:00	14.1	358979.8	0	28.78	0	0
26/02/2022 23:00	14.08	370991.9	0	30.64	0	0
26/02/2022 24:00	14.02	326001.3	0	26.85	0.01	0
27/02/2022 01:00	14.02	327065.1	0	26.24	0.04	0
27/02/2022 02:00	14.05	327463.3	0	27.21	0.03	0
27/02/2022 03:00	14.03	322698.9	0	27.24	0.05	0
27/02/2022 04:00	14.02	319925.6	0	27.56	0.04	0
27/02/2022 05:00	14.02	320064.9	0	27.53	0.04	0
27/02/2022 06:00	13.99	314666.2	0	27.78	0.04	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
27/02/2022 07:00	13.99	311221.6	0	28.42	0.03	0.01
27/02/2022 08:00	14	315439.9	0	27.99	0.02	0.01
27/02/2022 09:00	14.04	318745.1	0	28.04	0.01	0.01
27/02/2022 10:00	14.08	323520.9	0	28.01	0	0.02
27/02/2022 11:00	14.11	324106.9	0	28.67	0	0.64
27/02/2022 12:00	14.12	324735.5	0	28.76	0	0
27/02/2022 13:00	14.16	326359.7	0	29.24	0	0.01
27/02/2022 14:00	14.19	330700.3	0	29.79	0	0
27/02/2022 15:00	14.19	330600.8	0	29.3	0	0
27/02/2022 16:00	14.18	330691.8	0	28.85	0	0
27/02/2022 17:00	14.15	331172.5	0	28.43	0	0
27/02/2022 18:00	14.13	337865.5	0	29.32	0	0
27/02/2022 19:00	14.16	356695.7	0	29.01	0	0
27/02/2022 20:00	14.15	356234.9	0	29.25	0.01	0
27/02/2022 21:00	14.12	354795.6	0	28.8	0.03	0
27/02/2022 22:00	14.09	347240.8	0	29.08	0.02	0
27/02/2022 23:00	14.07	332822.3	0	26.84	0.03	0
27/02/2022 24:00	14.06	330452.9	0	26.58	0.06	0
28/02/2022 01:00	14.05	330100.2	0	26.12	0.08	0
28/02/2022 02:00	14.05	329551.2	0	25.89	0.11	0
28/02/2022 03:00	14	326755.1	0	25.16	0.13	0
28/02/2022 04:00	14.01	325870.5	0	25.42	0.15	0
28/02/2022 05:00	13.99	324593.3	0	24.93	0.17	0
28/02/2022 06:00	13.97	320457.5	0	25.09	0.16	0
28/02/2022 07:00	13.96	320778.9	0	24.82	0.25	0
28/02/2022 08:00	14	333183.5	0	24.3	0.25	0
28/02/2022 09:00	14.06	346888.1	0	25.85	0.28	0
28/02/2022 10:00	14.12	351680.9	0	27.14	0.27	0
28/02/2022 11:00	14.15	355361.7	0	27.39	0.28	0.63
28/02/2022 12:00	14.2	358786.4	0	28.69	0.18	0
28/02/2022 13:00	14.16	350318.5	0	28.08	0.11	0
28/02/2022 14:00	14.16	362421.6	0	30.16	0.06	0
28/02/2022 15:00	<Samp	361104.3	<Samp	<Samp	<Samp	0
28/02/2022 16:00	14.22	360547.1	0	31.79	0.73	0
28/02/2022 17:00	14.21	360623.9	0	31.81	0.4	0
28/02/2022 18:00	14.21	360194.4	0	31.6	0.41	0
28/02/2022 19:00	14.16	360899.8	0	30.1	0.23	0
28/02/2022 20:00	14.15	363289.1	0	29.75	0.23	0
28/02/2022 21:00	14.14	364202.2	0	29.78	0.33	0
28/02/2022 22:00	14.17	366548.9	0	28.57	0.44	0
28/02/2022 23:00	14.16	351818.6	0	28.47	0.48	0.01
28/02/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
Minimum	13.93	178531.3	0	21.44	0	0
MinDate	20/02/2022 07:00	13/02/2022 17:00	01/02/2022 01:00	20/02/2022 09:00	01/02/2022 14:00	01/02/2022 01:00
Maximum	15.72	374703.9	323.69	55.36	2.02	1.24
MaxDate	15/02/2022 13:00	03/02/2022 21:00	15/02/2022 13:00	13/02/2022 17:00	04/02/2022 14:00	17/02/2022 15:00
Avg	14.08	352719.3	1.47	27.71	0.27	0.05
Num	598	599	597	598	598	599
Data[%]	89	89.1	88.8	89	89	89.1
STD	0.1	21904.5	18.8	3.5	0.8	0.2



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
01/03/2022 01:00	14.69	383046.6	1.92	42.3	0	1.72
01/03/2022 02:00	14.71	385444.5	1.96	43	0	1.92
01/03/2022 03:00	14.7	385464.4	1.89	42.82	0	1.91
01/03/2022 04:00	14.7	385188.5	1.84	42.65	0	2.01
01/03/2022 05:00	14.66	383069.4	1.84	41.04	0	2.04
01/03/2022 06:00	14.65	381473.7	1.91	40.34	0	2.28
01/03/2022 07:00	14.65	385023.5	1.98	40.65	0	2.13
01/03/2022 08:00	14.57	323392.9	1.86	35.35	0	2.58
01/03/2022 09:00	14.67	387973.2	1.69	40.61	0	2.56
01/03/2022 10:00	14.66	388226.4	1.53	42.95	0	2.13
01/03/2022 11:00	14.67	386386	1.54	45.22	0	1.93
01/03/2022 12:00	14.71	382207.5	1.55	46.55	0	2.06
01/03/2022 13:00	14.73	379365.9	1.53	46.72	0	2.24
01/03/2022 14:00	14.75	377750.3	1.56	47.59	0	2.51
01/03/2022 15:00	14.78	377116	1.57	49.11	0	2.59
01/03/2022 16:00	14.78	377758.8	1.59	49.86	0	2.12
01/03/2022 17:00	14.77	378780	1.61	49.79	0	2.02
01/03/2022 18:00	14.73	379920.6	1.74	47.59	0	2.17
01/03/2022 19:00	14.68	383356.7	1.72	45.26	0	2.43
01/03/2022 20:00	14.69	385308	1.8	44.19	0	2.18
01/03/2022 21:00	14.69	386226.7	1.74	45.4	0	2.31
01/03/2022 22:00	14.7	387455.5	1.65	44.68	0	2.3
01/03/2022 23:00	14.7	387998.8	1.58	43.47	0	2.48
01/03/2022 24:00	14.65	378105.8	1.57	42.35	0	2.51
02/03/2022 01:00	14.67	383407.9	1.52	41.33	0	2.49
02/03/2022 02:00	14.67	385600.9	1.64	41.44	0	2.72
02/03/2022 03:00	14.65	384278.3	1.67	40.83	0	2.91
02/03/2022 04:00	14.64	383325.4	1.57	40.14	0	3.38
02/03/2022 05:00	14.63	382119.3	1.55	39.57	0	3.21
02/03/2022 06:00	14.63	380122.6	1.5	38.99	0	3.64
02/03/2022 07:00	14.63	383188.9	1.47	39.41	0	3.02
02/03/2022 08:00	14.55	332381.4	1.5	35.35	0	3
02/03/2022 09:00	14.66	389244.7	1.47	41.12	0	4.03
02/03/2022 10:00	14.65	387659.9	1.56	43.19	0	3.85
02/03/2022 11:00	14.66	385140.2	1.58	43.35	0	3.31
02/03/2022 12:00	14.68	382873.1	1.54	43.63	0	3.07
02/03/2022 13:00	14.71	380145.3	1.5	44.45	0	3.21
02/03/2022 14:00	14.73	379129.8	1.55	45.09	0	3.33
02/03/2022 15:00	14.69	380694.3	1.57	43.63	0	3.4
02/03/2022 16:00	14.72	383959.7	1.56	44.83	0	3.92
02/03/2022 17:00	14.74	383860.2	1.54	44.63	0	4.05
02/03/2022 18:00	14.75	379539.4	1.5	44.47	0	3.63
02/03/2022 19:00	14.74	385606.6	1.57	45.26	0	3.62
02/03/2022 20:00	14.73	385290.9	1.65	43.97	0	3.72
02/03/2022 21:00	14.71	387117	1.81	44.64	0	3.7
02/03/2022 22:00	14.7	387740	1.73	42.86	0	3.81
02/03/2022 23:00	14.69	385768.8	1.65	42.17	0	3.91
02/03/2022 24:00	14.63	371495.3	1.7	40.96	0	3.49
03/03/2022 01:00	14.67	382611.4	1.66	40.26	0	3.34
03/03/2022 02:00	14.66	384736.3	1.57	40.15	0	3.61
03/03/2022 03:00	14.67	384824.4	1.55	40.96	0	3.83
03/03/2022 04:00	14.67	383456.3	1.53	41.04	0	3.91
03/03/2022 05:00	14.66	383348.2	1.49	40.71	0	4.27
03/03/2022 06:00	14.67	381906	1.55	40.47	0	3.5
03/03/2022 07:00	14.67	383501.8	1.67	40.48	0.28	3.52
03/03/2022 08:00	14.6	331084.3	1.79	35.96	1.47	3.9
03/03/2022 09:00	14.69	388985.8	1.78	41.87	1.83	3.77
03/03/2022 10:00	14.66	386192.6	1.79	43.27	1.45	3.19
03/03/2022 11:00	14.67	383777.7	1.78	43.47	1.28	2.88
03/03/2022 12:00	14.69	384056.4	1.77	43.76	1.22	2.87
03/03/2022 13:00	14.71	381578.9	1.77	44.55	1.16	2.9
03/03/2022 14:00	14.73	379414.3	1.79	45.41	1.22	2.86
03/03/2022 15:00	14.74	378236.7	1.79	45.45	1.16	2.86
03/03/2022 16:00	14.74	377451.6	1.8	44.93	1.17	3
03/03/2022 17:00	14.72	379127	1.82	45.03	1.33	3.08
03/03/2022 18:00	14.72	379365.9	1.85	44.05	1.41	3.12
03/03/2022 19:00	14.7	380856.4	1.93	44.08	1.19	3.05
03/03/2022 20:00	14.71	382995.4	1.92	44.06	1.27	3.33
03/03/2022 21:00	14.68	385546.9	1.9	45.37	1.33	3.48
03/03/2022 22:00	14.68	387037.4	1.92	44.81	1.36	3.62
03/03/2022 23:00	14.71	388052.9	1.96	43.08	1.46	3.45
03/03/2022 24:00	14.94	355389.3	40.48	46.05	2.91	3.83
04/03/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/03/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/03/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/03/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/03/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/03/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/03/2022 07:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
04/03/2022 08:00	15.65	272095.5	172.44	40.17	<Samp	7.56
04/03/2022 09:00	14.63	390032.6	1.62	39.88	0.03	3.35
04/03/2022 10:00	14.66	388084.2	1.6	42.99	0	2.96
04/03/2022 11:00	14.68	385197	1.66	43.41	0	2.64
04/03/2022 12:00	14.73	382435.1	1.66	45.35	0	2.44
04/03/2022 13:00	14.73	379502.5	1.66	45.11	0	2.9
04/03/2022 14:00	14.76	378299.3	1.69	46.54	0	3.07
04/03/2022 15:00	14.77	376015.2	1.7	46.69	0	3.08
04/03/2022 16:00	14.76	375235.8	1.7	45.66	0	2.96
04/03/2022 17:00	14.74	376356.5	1.73	45.29	0	2.6
04/03/2022 18:00	14.7	379610.6	1.78	44.33	0	2.61



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
04/03/2022 19:00	14.7	380822.3	1.95	44.99	0	2.88
04/03/2022 20:00	14.71	383547.3	1.99	43.96	0	3.14
04/03/2022 21:00	14.68	385012.2	1.84	45.2	0	3.19
04/03/2022 22:00	14.66	386565.2	1.87	44.86	0	3.33
04/03/2022 23:00	14.65	387421.4	1.67	44.13	0	3.62
04/03/2022 24:00	14.62	371253.6	1.69	41.6	0	3.57
05/03/2022 01:00	14.69	386334.8	1.74	41.52	0	3.41
05/03/2022 02:00	14.69	387492.5	1.72	41.45	0	3.16
05/03/2022 03:00	14.67	386354.7	1.67	40.83	0	2.96
05/03/2022 04:00	14.65	384966.6	1.63	39.94	0	3.87
05/03/2022 05:00	14.64	385302.3	1.62	39.3	0	4.75
05/03/2022 06:00	14.64	384207.2	1.55	38.96	0	4.61
05/03/2022 07:00	14.64	385060.5	1.53	39.2	0	4.66
05/03/2022 08:00	14.56	351555.8	1.57	36.32	0	4.6
05/03/2022 09:00	14.65	388698.6	1.55	40.49	0	4.35
05/03/2022 10:00	14.65	386861	1.64	41.74	0	4.23
05/03/2022 11:00	14.67	383917	1.69	43.21	0	3.59
05/03/2022 12:00	14.68	381371.3	1.73	43.55	0	3.52
05/03/2022 13:00	14.71	378848.3	1.74	44.47	0	3.57
05/03/2022 14:00	14.72	378521.1	1.78	44.7	0	3.43
05/03/2022 15:00	14.74	383251.4	1.75	46.88	0	3.96
05/03/2022 16:00	14.73	380608.9	1.79	47.2	0	3.79
05/03/2022 17:00	14.74	379053	1.82	46.67	0	3.8
05/03/2022 18:00	14.75	378262.3	1.82	47.04	0	3.49
05/03/2022 19:00	14.72	379218	1.95	45.87	0	3.25
05/03/2022 20:00	14.73	381416.8	1.94	43.77	0	3.29
05/03/2022 21:00	14.71	381086.8	1.98	42.93	0	3.66
05/03/2022 22:00	14.68	385686.3	1.88	44.29	0	4.06
05/03/2022 23:00	14.7	387341.8	1.79	42.08	0	4.38
05/03/2022 24:00	14.62	371688.8	1.8	40.43	0	4.35
06/03/2022 01:00	14.67	384181.6	1.7	39.41	0	4.51
06/03/2022 02:00	14.67	383831.7	1.67	39.69	0	4.27
06/03/2022 03:00	14.66	383049.5	1.71	39.71	0	3.9
06/03/2022 04:00	14.65	382372.5	1.75	39.64	0	4.42
06/03/2022 05:00	14.65	382457.8	1.7	39.23	0	4.27
06/03/2022 06:00	14.64	381832.1	1.71	38.93	0	5.29
06/03/2022 07:00	14.64	382287.2	1.69	38.81	0	5.16
06/03/2022 08:00	14.64	382534.6	1.65	38.62	0	4.59
06/03/2022 09:00	14.66	384175.9	1.6	39.18	0	3.64
06/03/2022 10:00	14.7	385228.3	1.64	40.08	0	3.42
06/03/2022 11:00	14.69	384895.5	1.68	42	0	2.95
06/03/2022 12:00	14.7	382656.9	1.71	43.89	0	2.79
06/03/2022 13:00	14.73	380071.3	1.73	45.38	0	2.9
06/03/2022 14:00	14.74	379121.3	1.76	46.09	0	3.25
06/03/2022 15:00	14.73	378674.7	1.78	45.78	0	3.37
06/03/2022 16:00	14.73	379459.8	1.77	46.22	0	3.31
06/03/2022 17:00	14.72	377329.3	1.77	45.03	0	3.73
06/03/2022 18:00	14.66	336195.8	1.78	38.96	0	3.03
06/03/2022 19:00	14.72	380793.8	1.84	45.42	0	3.24
06/03/2022 20:00	14.75	382893	1.8	44.85	0	3.34
06/03/2022 21:00	14.75	384562.7	1.76	44.16	0	3.5
06/03/2022 22:00	14.73	382725.2	1.73	42.9	0	3.5
06/03/2022 23:00	14.71	381479.3	1.72	41.76	0	3.69
06/03/2022 24:00	14.67	367311.2	1.72	41.75	0	3.21
07/03/2022 01:00	14.7	383117.8	1.74	42.75	0	2.9
07/03/2022 02:00	14.68	382762.2	1.82	41.9	0	3.31
07/03/2022 03:00	14.68	383001.1	1.85	41.39	0	3.54
07/03/2022 04:00	14.68	382591.5	1.86	40.9	0	3.21
07/03/2022 05:00	14.66	382210.4	1.82	40.23	0	3.01
07/03/2022 06:00	14.65	382176.3	1.81	39.67	0	3.81
07/03/2022 07:00	14.64	383459.1	1.86	39.67	0	4.45
07/03/2022 08:00	14.58	337464.4	1.88	36.1	0	4.25
07/03/2022 09:00	14.64	389369.8	1.77	42.9	0	3.39
07/03/2022 10:00	14.64	387296.3	1.73	43.25	0	3.13
07/03/2022 11:00	14.67	385327.9	1.76	43.78	0	2.83
07/03/2022 12:00	14.69	383191.7	1.79	44.27	0	2.87
07/03/2022 13:00	14.71	380483.8	1.81	44.94	0	2.99
07/03/2022 14:00	14.73	377938	1.79	44.84	0	3.11
07/03/2022 15:00	14.72	377625.1	1.8	44.67	0	3.02
07/03/2022 16:00	14.73	376231.3	1.82	43.87	0	2.99
07/03/2022 17:00	14.7	378162.7	1.84	44.19	0	3.12
07/03/2022 18:00	14.69	379932	1.83	44.35	0	3.48
07/03/2022 19:00	14.68	381721.1	1.89	44.53	0	3.45
07/03/2022 20:00	14.7	382483.4	1.91	43.98	0	3.29
07/03/2022 21:00	14.68	385128.8	1.88	45.29	0	3.32
07/03/2022 22:00	14.68	388249.1	1.64	44.54	0	4.82
07/03/2022 23:00	14.64	384847.2	1.61	41.86	0	24.19
07/03/2022 24:00	14.61	371939.1	1.66	41.23	0	5.28
08/03/2022 01:00	14.66	382358.3	1.66	41.54	0	5.44
08/03/2022 02:00	14.66	384474.6	1.68	41.92	0	3.57
08/03/2022 03:00	14.66	385373.4	1.69	41.63	0	3.18
08/03/2022 04:00	14.66	385399	1.71	41.24	0	2.62
08/03/2022 05:00	14.66	385521.3	1.69	41.33	0	2.57
08/03/2022 06:00	14.66	384110.5	1.71	41.31	0	2.55
08/03/2022 07:00	14.67	386178.4	1.7	42.59	0	2.34
08/03/2022 08:00	14.64	336520.1	1.72	40.22	0	2.17
08/03/2022 09:00	14.73	388692.9	1.7	45.6	0	3.43
08/03/2022 10:00	14.76	390447.9	1.71	46.7	0	3.6
08/03/2022 11:00	14.74	388559.2	1.76	47.95	0	3.22
08/03/2022 12:00	14.73	386846.8	1.77	48.58	0	3.19



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
08/03/2022 13:00	14.73	384764.7	1.79	49.03	0	3.1
08/03/2022 14:00	14.72	384170.2	1.77	48.56	0	2.84
08/03/2022 15:00	14.72	384414.8	1.8	48.21	0	2.62
08/03/2022 16:00	14.73	382662.6	1.8	47.58	0	2.52
08/03/2022 17:00	14.71	384497.3	1.77	46.93	0	2.1
08/03/2022 18:00	14.71	385194.2	1.79	47.15	0	2.49
08/03/2022 19:00	14.7	384656.6	1.82	46.98	0	2.77
08/03/2022 20:00	14.74	387484	1.83	44.87	0	2.81
08/03/2022 21:00	14.74	387395.8	1.86	44.79	0	3.31
08/03/2022 22:00	14.74	388175.2	1.9	45.15	0	3.12
08/03/2022 23:00	14.72	385839.9	1.88	44.34	0	3.2
08/03/2022 24:00	14.67	377784.4	1.88	43.28	0	2.86
09/03/2022 01:00	14.69	382594.4	1.94	42.52	0	2.43
09/03/2022 02:00	14.69	382955.6	1.9	42.59	0	2.41
09/03/2022 03:00	14.69	383015.3	1.85	42.59	0	2.21
09/03/2022 04:00	14.68	382912.9	1.94	41.86	0	2.43
09/03/2022 05:00	14.67	382759.3	1.99	40.92	0	2.51
09/03/2022 06:00	14.66	381903.2	2.1	40.65	0	2.3
09/03/2022 07:00	14.65	382967	2.1	40.72	0	2.25
09/03/2022 08:00	14.58	325696.9	2.04	36.32	0	1.85
09/03/2022 09:00	14.68	390135	2.03	41.98	0	2.32
09/03/2022 10:00	14.68	388362.9	1.88	45.33	0	2.1
09/03/2022 11:00	14.71	383951.2	1.83	46.5	0	1.7
09/03/2022 12:00	14.73	381911.7	1.81	46.98	0	1.89
09/03/2022 13:00	14.74	380543.5	1.81	47.22	0	2.03
09/03/2022 14:00	14.74	379098.6	1.81	46.75	0	2.26
09/03/2022 15:00	14.74	378970.6	1.82	46.36	0	2.24
09/03/2022 16:00	14.75	378253.8	1.82	47.12	0	2.25
09/03/2022 17:00	14.75	379138.4	1.82	47.51	0	2.35
09/03/2022 18:00	14.74	379852.3	1.88	47.23	0	2.35
09/03/2022 19:00	14.73	381823.5	2.03	46.13	0.26	2.31
09/03/2022 20:00	14.75	383558.6	2.17	44.32	1.07	2.47
09/03/2022 21:00	14.71	384366.5	2.3	46.16	1.33	2.32
09/03/2022 22:00	14.7	385271	2.38	45.56	1.45	2.31
09/03/2022 23:00	14.69	386673.3	2.25	43.88	1.53	2.61
09/03/2022 24:00	14.66	376871.3	2.35	41.92	1.6	2.39
10/03/2022 01:00	14.72	385578.2	2.37	41.11	1.71	2.43
10/03/2022 02:00	14.71	385959.3	2.23	40.99	1.73	2.59
10/03/2022 03:00	14.7	385623.7	2.18	40.41	1.79	2.84
10/03/2022 04:00	14.7	385777.3	2.28	40.32	1.88	2.72
10/03/2022 05:00	14.67	385740.3	2.42	39.13	1.86	2.65
10/03/2022 06:00	14.65	383052.3	2.41	38.17	1.82	3.14
10/03/2022 07:00	14.65	385612.3	2.33	38.57	2.03	3.68
10/03/2022 08:00	14.58	323609.1	2.12	33.45	1.99	17.32
10/03/2022 09:00	14.64	389216.3	2.04	41.48	0.85	3.64
10/03/2022 10:00	14.65	387191	1.95	42.87	0	3.16
10/03/2022 11:00	14.67	385273.8	1.97	43.64	0	2.99
10/03/2022 12:00	14.7	383112.1	1.99	45.02	0	3.03
10/03/2022 13:00	14.71	381123.8	1.94	45.75	0	3.01
10/03/2022 14:00	14.73	378364.7	1.94	45.7	0	3.26
10/03/2022 15:00	14.75	375909.9	1.91	45.2	0	2.96
10/03/2022 16:00	14.71	381229	1.91	46.32	0	2.57
10/03/2022 17:00	14.7	385088.9	1.96	47.05	0	3.39
10/03/2022 18:00	14.71	383510.3	1.99	44.72	0	3.31
10/03/2022 19:00	14.69	383308.3	2.12	45.46	0	3.01
10/03/2022 20:00	14.72	383535.9	2.11	43.39	0	2.98
10/03/2022 21:00	14.67	384648.1	2.01	42.72	0	2.84
10/03/2022 22:00	14.65	386351.9	1.94	43.8	0	3.05
10/03/2022 23:00	14.64	387267.8	1.97	43.48	0	3.26
10/03/2022 24:00	14.63	379584.9	1.96	41.54	0	3.17
11/03/2022 01:00	14.67	384320.9	1.92	40.1	0	3.24
11/03/2022 02:00	14.67	388075.6	2.07	40.37	0	3.64
11/03/2022 03:00	14.67	387722.9	2.03	40	0	3.64
11/03/2022 04:00	14.66	386980.5	2.02	39.76	0	3.18
11/03/2022 05:00	14.65	386804.2	2	39.4	0	3.3
11/03/2022 06:00	14.64	385225.5	2.05	38.95	0	3.71
11/03/2022 07:00	14.65	387583.5	1.98	39.38	0	4.3
11/03/2022 08:00	14.55	330674.7	1.96	34.42	0	5.32
11/03/2022 09:00	14.64	389173.6	1.91	39.94	0	5.09
11/03/2022 10:00	14.64	386889.5	1.88	42.43	0	3.14
11/03/2022 11:00	14.67	384008.1	1.93	42.75	0	2.83
11/03/2022 12:00	14.7	382048.3	1.92	44.13	0	2.78
11/03/2022 13:00	14.73	379676	1.87	45.45	0	2.81
11/03/2022 14:00	14.75	377881.1	1.9	45.54	0	3.01
11/03/2022 15:00	14.76	375474.7	1.92	45.07	0	3.17
11/03/2022 16:00	14.77	374590.1	1.91	44.89	0	2.92
11/03/2022 17:00	14.76	375437.8	1.92	45.06	0	2.7
11/03/2022 18:00	14.74	376256.9	1.94	44.78	0	2.5
11/03/2022 19:00	14.71	379223.7	2.12	44.08	0	2.28
11/03/2022 20:00	14.69	381285.9	2.14	44.04	0	2.79
11/03/2022 21:00	14.69	382918.6	2.07	44.13	0	3.1
11/03/2022 22:00	14.68	384650.9	2.14	44.75	0	2.94
11/03/2022 23:00	14.68	386206.8	2.08	44.83	0	2.99
11/03/2022 24:00	14.64	377647.9	2.02	42.4	0	3.29
12/03/2022 01:00	14.69	385305.1	1.92	40.62	0	3.41
12/03/2022 02:00	14.68	387754.2	1.9	40.7	0	3.46
12/03/2022 03:00	14.68	387808.3	1.93	40.24	0	3.45
12/03/2022 04:00	14.68	387316.2	2.05	39.62	0.24	3.95
12/03/2022 05:00	14.67	386112.9	2.12	38.55	1.76	4.91
12/03/2022 06:00	14.66	384557	2.05	37.94	2.13	5.14



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
12/03/2022 07:00	14.66	386761.5	2.05	38.27	2.37	4.22
12/03/2022 08:00	14.59	345610.9	2.03	34.86	2.47	18.85
12/03/2022 09:00	14.64	388032.9	2.02	40.04	2.49	3.62
12/03/2022 10:00	14.66	385908.2	2.08	41.06	2.45	3.54
12/03/2022 11:00	14.71	382588.7	2.12	42.86	2.39	2.78
12/03/2022 12:00	14.74	380557.8	2.13	44.59	2.28	2.64
12/03/2022 13:00	14.76	377084.7	2.13	43.5	2.16	2.73
12/03/2022 14:00	14.76	375574.3	2.14	43.73	2.3	2.81
12/03/2022 15:00	14.78	373628.7	2.16	44.46	2.22	2.76
12/03/2022 16:00	14.8	373523.4	2.16	46.07	1.6	2.92
12/03/2022 17:00	14.8	372866.4	2.06	46.4	0.03	2.97
12/03/2022 18:00	14.79	374794.9	2.04	46.71	0	2.9
12/03/2022 19:00	14.75	376205.8	2.11	45.96	0	2.64
12/03/2022 20:00	14.73	378350.5	2.22	44.85	0	2.68
12/03/2022 21:00	14.71	379718.6	2.26	42.46	0	2.94
12/03/2022 22:00	14.72	377414.6	2.08	40.47	0	3.12
12/03/2022 23:00	14.67	380810.9	2.06	41.5	0	3.31
12/03/2022 24:00	14.62	371196.7	2.02	40.55	0	3.41
13/03/2022 01:00	14.67	385643.6	1.99	40.29	0	3.5
13/03/2022 02:00	14.65	386610.7	2.05	40.48	0	3.52
13/03/2022 03:00	14.65	386735.9	1.94	39.53	0	3.6
13/03/2022 04:00	14.66	387008.9	1.89	38.93	0	3.69
13/03/2022 05:00	14.66	387037.4	1.83	38.66	0	4.04
13/03/2022 06:00	14.65	385180	1.81	38.08	0	4.28
13/03/2022 07:00	14.66	386602.2	1.82	38.38	0	3.94
13/03/2022 08:00	14.65	384019.4	1.84	37.76	0	3.52
13/03/2022 09:00	14.67	384724.9	1.8	37.9	0	2.92
13/03/2022 10:00	14.68	385948	1.83	39.17	0	2.83
13/03/2022 11:00	14.68	383996.7	1.89	41.27	0	2.52
13/03/2022 12:00	14.7	380478.1	1.93	42.23	0	2.36
13/03/2022 13:00	14.73	377983.5	1.94	42.92	0	2.52
13/03/2022 14:00	14.75	376157.4	1.97	43.84	0	2.69
13/03/2022 15:00	14.77	375039.5	2	44.71	0	2.71
13/03/2022 16:00	14.78	373788	2.03	45.24	0	2.78
13/03/2022 17:00	14.78	372351.5	2.02	45.37	0	2.59
13/03/2022 18:00	14.69	339577.8	2.01	39.26	0	2.09
13/03/2022 19:00	14.73	377229.8	2.07	43.93	0	2.39
13/03/2022 20:00	14.69	379730	2.02	43.23	0	2.83
13/03/2022 21:00	14.69	382270.1	1.99	42.85	0	2.89
13/03/2022 22:00	14.71	383871.5	1.95	41.57	0	3.06
13/03/2022 23:00	14.72	384161.7	1.91	41.05	0	3.24
13/03/2022 24:00	14.65	368284	1.98	39.54	0	3.02
14/03/2022 01:00	14.69	384895.5	2	39.97	0	2.84
14/03/2022 02:00	14.67	384110.5	1.97	39.08	0	2.87
14/03/2022 03:00	14.66	383584.3	1.94	38.24	0	3.32
14/03/2022 04:00	14.65	382867.4	1.91	37.85	0	3.68
14/03/2022 05:00	14.65	383166.1	1.88	37.77	0	3.69
14/03/2022 06:00	14.65	382856.1	1.89	37.62	0	3.63
14/03/2022 07:00	14.65	384210	1.9	37.73	0	3.74
14/03/2022 08:00	14.56	357745.3	1.94	35.73	0	14.61
14/03/2022 09:00	14.63	387592.1	1.93	40.37	0	4.02
14/03/2022 10:00	14.65	385086.1	2.01	41.47	0	3.41
14/03/2022 11:00	14.68	382748	2.01	41.94	0	3.02
14/03/2022 12:00	14.71	379533.8	2.06	42.72	0	2.85
14/03/2022 13:00	14.73	376814.5	2.04	43.15	0	2.92
14/03/2022 14:00	14.76	374661.2	2.05	44	0	3.08
14/03/2022 15:00	14.77	373418.2	2.07	44.47	0	2.73
14/03/2022 16:00	14.76	374348.3	2.04	44.45	0	2.99
14/03/2022 17:00	14.73	376222.8	2.02	44.02	0	3.51
14/03/2022 18:00	14.73	379095.7	2.04	45.09	0	3.43
14/03/2022 19:00	14.7	381925.9	2.03	44.67	0	3.36
14/03/2022 20:00	14.72	383993.8	2.02	43.29	0	3.29
14/03/2022 21:00	14.72	385222.6	1.91	41.7	0	3.68
14/03/2022 22:00	14.67	386272.3	1.89	42.33	0	3.98
14/03/2022 23:00	14.68	387290.6	1.87	42.12	0	4.04
14/03/2022 24:00	14.64	380060	1.88	41.25	0	4.03
15/03/2022 01:00	14.69	386215.3	1.87	40.42	0	3.94
15/03/2022 02:00	14.68	387575	1.86	40.02	0	3.87
15/03/2022 03:00	14.67	387057.3	1.86	39.43	0	3.88
15/03/2022 04:00	14.67	387097.1	1.86	39.13	0	3.9
15/03/2022 05:00	14.66	386718.8	1.88	38.88	0	4.3
15/03/2022 06:00	14.65	384770.4	1.86	38.38	0	4.76
15/03/2022 07:00	14.66	387936.3	1.92	38.78	0	4.81
15/03/2022 08:00	14.58	364463.9	1.97	36.54	0	4.8
15/03/2022 09:00	14.63	387685.9	1.96	40.5	0	4.05
15/03/2022 10:00	14.64	385106	2.01	41.04	0	4.12
15/03/2022 11:00	14.68	382509	1.98	42.36	0	3.62
15/03/2022 12:00	14.7	380170.9	2.02	42.75	0	3.43
15/03/2022 13:00	14.73	376919.7	2.01	43.18	0	3.38
15/03/2022 14:00	14.76	374672.6	2.05	43.8	0	3.48
15/03/2022 15:00	14.76	373321.5	2.07	44.3	0	3.24
15/03/2022 16:00	14.78	372007.3	2.09	45.12	0	3.24
15/03/2022 17:00	14.77	372411.3	2.07	44.26	0	3.35
15/03/2022 18:00	14.74	375181.8	2.07	43.88	0	3.49
15/03/2022 19:00	14.71	379277.8	2.11	44.24	0	3.43
15/03/2022 20:00	14.7	381834.9	2.11	43.73	0	3.62
15/03/2022 21:00	14.7	383376.6	2.02	43.09	0	3.93
15/03/2022 22:00	14.7	384713.5	1.93	41.17	0	4.3
15/03/2022 23:00	14.66	386110.1	1.94	42.94	0	4.29
15/03/2022 24:00	14.66	381089.7	1.93	41.34	0	4.29



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
16/03/2022 01:00	14.67	371247.9	2.06	37.35	0	4.11
16/03/2022 02:00	14.66	373054.1	1.94	37.3	0	3.83
16/03/2022 03:00	14.64	371481.1	1.92	36.73	0	3.7
16/03/2022 04:00	14.64	370403.1	1.93	36.08	0	3.92
16/03/2022 05:00	14.63	368540	1.99	35.44	0	4.09
16/03/2022 06:00	14.6	362293.6	1.96	34.73	0	3.84
16/03/2022 07:00	14.61	365658.6	2.02	34.83	0	4.11
16/03/2022 08:00	14.63	374302.8	2.05	36.22	0	3.72
16/03/2022 09:00	14.63	386579.4	2.02	40.69	0	3.23
16/03/2022 10:00	14.66	384016.6	2.02	42.39	0	3.4
16/03/2022 11:00	14.69	381243.3	1.99	43.58	0	3.22
16/03/2022 12:00	14.72	378492.7	2.03	44.22	0	3.08
16/03/2022 13:00	14.73	376660.9	2.04	44.86	0	3.22
16/03/2022 14:00	14.74	376504.4	2.05	45.11	0	3.2
16/03/2022 15:00	14.74	377235.4	2.07	45.49	0	3.06
16/03/2022 16:00	14.71	380301.8	2.02	45.85	0	2.96
16/03/2022 17:00	14.71	379004.7	2.03	44.58	0	3.11
16/03/2022 18:00	14.69	379804	2.07	43.61	0	3.08
16/03/2022 19:00	14.68	381621.6	2.08	43.39	0	2.93
16/03/2022 20:00	14.7	384010.9	2.1	42.97	0	3.08
16/03/2022 21:00	14.7	384284	2.11	43.9	0	3.07
16/03/2022 22:00	14.66	386519.7	2.05	44.3	0	3.04
16/03/2022 23:00	14.65	387026	2.07	43.46	0	3.42
16/03/2022 24:00	14.65	382730.9	2.13	41.86	0	3.28
17/03/2022 01:00	14.66	371671.7	2.09	37.72	0	3.34
17/03/2022 02:00	14.66	373435.3	2.09	38.12	0	3.35
17/03/2022 03:00	14.65	372419.8	2.09	37.96	0	3.84
17/03/2022 04:00	14.64	370627.8	2.08	37.41	0	4.3
17/03/2022 05:00	14.64	368790.3	2.06	37.03	0	4.12
17/03/2022 06:00	14.61	361872.6	2.06	36.22	0	3.56
17/03/2022 07:00	14.61	364074.2	2.05	36.1	0	3.91
17/03/2022 08:00	14.63	371486.8	2.03	37.26	0	3.57
17/03/2022 09:00	14.63	387472.6	2.02	42.19	0	3.09
17/03/2022 10:00	14.66	385623.7	2.06	42.79	0	2.79
17/03/2022 11:00	14.68	382992.6	2.08	43.44	0	2.69
17/03/2022 12:00	14.7	380455.3	2.11	43.88	0	2.73
17/03/2022 13:00	14.72	378794.2	2.08	44.53	0	2.8
17/03/2022 14:00	14.73	377750.3	2.12	45.04	0	3.19
17/03/2022 15:00	14.75	376018	2.12	45.47	0	3.11
17/03/2022 16:00	14.71	378691.8	2.17	44.07	0	2.55
17/03/2022 17:00	14.65	382622.8	2.11	42.81	0	3.9
17/03/2022 18:00	14.67	380142.5	2.25	42.9	0	3.4
17/03/2022 19:00	14.68	380890.6	2.25	43.33	0	3
17/03/2022 20:00	14.7	383481.8	2.15	43.77	0	3.33
17/03/2022 21:00	14.71	384915.4	2.18	42.86	0	3.49
17/03/2022 22:00	14.71	385299.4	2.15	42.13	0	3.67
17/03/2022 23:00	14.66	386317.8	2.2	44.16	0	3.62
17/03/2022 24:00	14.65	380987.3	2.23	42.11	0	3.35
18/03/2022 01:00	14.66	371475.4	2.15	37.75	0	3.58
18/03/2022 02:00	14.64	372334.5	2.14	36.83	0	3.52
18/03/2022 03:00	14.64	372271.9	2.11	36.83	0	3.31
18/03/2022 04:00	14.64	372419.8	2.02	36.64	0	3.67
18/03/2022 05:00	14.63	369455.9	2.08	36.15	0	4.5
18/03/2022 06:00	14.61	361929.5	2.09	35.99	0	4.71
18/03/2022 07:00	14.61	363354.6	2.15	36.1	0	4.64
18/03/2022 08:00	14.63	370428.7	2.18	37.18	0	3.89
18/03/2022 09:00	14.62	389102.5	2.17	42.29	0	3.8
18/03/2022 10:00	14.63	387728.6	2.16	42.02	0	3.87
18/03/2022 11:00	14.64	385262.5	2.12	41.68	0	3.5
18/03/2022 12:00	14.66	384010.9	2.13	42.25	0	3.34
18/03/2022 13:00	14.67	380705.7	2.1	41.71	0	3.23
18/03/2022 14:00	14.7	380099.8	2.09	44.2	0	3.32
18/03/2022 15:00	14.7	381331.4	2.18	44.18	0	3.38
18/03/2022 16:00	14.7	383399.3	2.08	44.97	0	2.61
18/03/2022 17:00	14.68	384082	1.95	41.79	0	5.02
18/03/2022 18:00	14.64	375767.7	1.96	39.47	0	5.1
18/03/2022 19:00	14.66	376547.1	2.05	39.51	0.1	5.15
18/03/2022 20:00	14.67	382039.7	2.16	40.23	0.88	5.58
18/03/2022 21:00	14.69	385865.5	2.18	40.87	1.43	5.46
18/03/2022 22:00	14.71	388365.8	2.25	41.43	2.01	4.35
18/03/2022 23:00	14.71	387256.4	2.2	41.44	1.54	3.9
18/03/2022 24:00	14.65	380318.8	2.11	41.95	0.01	3.86
19/03/2022 01:00	14.63	365385.5	2.15	37.48	0	3.4
19/03/2022 02:00	14.64	369364.9	2.08	37.78	0	4.2
19/03/2022 03:00	14.64	367467.6	2.15	37.63	0	4.55
19/03/2022 04:00	14.64	364734.1	2.16	37.65	0	3.8
19/03/2022 05:00	14.65	366045.4	2.21	38.18	0	3.05
19/03/2022 06:00	14.62	358447.9	2.11	37.63	0	2.94
19/03/2022 07:00	14.61	357031.3	2.11	37.09	0	2.96
19/03/2022 08:00	14.63	363892.2	2.1	38.13	0	2.78
19/03/2022 09:00	14.69	385879.7	2.03	42.1	0	3.5
19/03/2022 10:00	14.71	387031.7	2.04	42.85	0	3.25
19/03/2022 11:00	14.7	384776.1	2.1	45.29	0	2.45
19/03/2022 12:00	14.72	382187.6	2.09	45.82	0	2.4
19/03/2022 13:00	14.73	378933.6	2.09	45.71	0	2.71
19/03/2022 14:00	14.75	377730.4	2.08	46.18	0	2.58
19/03/2022 15:00	14.74	378231	2.11	45.79	0	2.35
19/03/2022 16:00	14.74	376985.1	2.1	45.34	0	2.34
19/03/2022 17:00	14.74	376291.1	2.13	45.17	0	2.52
19/03/2022 18:00	14.73	377070.5	2.15	45.25	0	2.35



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
19/03/2022 19:00	14.74	378797	2.15	43.98	0	2.21
19/03/2022 20:00	14.74	378285	2.18	42.05	0	2.12
19/03/2022 21:00	14.73	378652	2.29	42.02	0	2.07
19/03/2022 22:00	14.69	374163.4	2.35	39.85	0	2.12
19/03/2022 23:00	14.67	382827.6	2.28	42.97	0	2.58
19/03/2022 24:00	14.65	377480.1	2.13	42.46	0	2.02
20/03/2022 01:00	14.62	359727.9	1.98	37.76	0	3.63
20/03/2022 02:00	14.61	360072.1	1.97	37.38	0	4.68
20/03/2022 03:00	14.61	358735.2	2.04	37.21	0	3.62
20/03/2022 04:00	14.6	356872.1	2.12	36.6	0	3.89
20/03/2022 05:00	14.6	356513.7	2.06	36.72	0	3.36
20/03/2022 06:00	14.58	351211.6	2.01	36.47	0	3.54
20/03/2022 07:00	14.56	347804	2.06	36.07	0	4.73
20/03/2022 08:00	14.58	348708.5	2.05	35.97	0	3.62
20/03/2022 09:00	14.61	352352.3	2	36.47	0	2.68
20/03/2022 10:00	14.63	354317.8	1.98	36.73	0	2.51
20/03/2022 11:00	14.64	355100	2.03	36.89	0	2.16
20/03/2022 12:00	14.65	356385.7	2.03	37.29	0	2.24
20/03/2022 13:00	14.67	356857.8	1.99	37.6	0	2.23
20/03/2022 14:00	14.69	361147.3	1.99	38.36	0	2.32
20/03/2022 15:00	14.71	360020.9	2.03	38.66	0	2.75
20/03/2022 16:00	14.72	359582.8	2.08	39.21	0	2.24
20/03/2022 17:00	14.67	359065.1	2.06	37.77	0	2.46
20/03/2022 18:00	14.63	356354.4	2.06	38.12	0	3
20/03/2022 19:00	14.71	381689.8	2.06	42.99	0	3
20/03/2022 20:00	14.7	381274.6	2.07	41.8	0	3.16
20/03/2022 21:00	14.69	381470.8	2.08	41.1	0	3.42
20/03/2022 22:00	14.68	380998.6	2.11	40.45	0	3.67
20/03/2022 23:00	14.65	385874	2.14	42.34	0	3.84
20/03/2022 24:00	14.62	371794	2.23	39.77	0	3.31
21/03/2022 01:00	14.6	360951	2.19	36.49	0	2.97
21/03/2022 02:00	14.61	362319.2	2.13	36.25	0	4.3
21/03/2022 03:00	14.6	361454.5	2.11	36.05	0	5.31
21/03/2022 04:00	14.59	358996.9	2.09	35.68	0	4.6
21/03/2022 05:00	14.59	356653	1.97	36.51	0	7.6
21/03/2022 06:00	14.58	353143	2.15	35.59	0.8	7.7
21/03/2022 07:00	14.58	354957.8	2.17	35.35	1.4	6.36
21/03/2022 08:00	14.62	366292.9	2.17	36.16	1.81	6.07
21/03/2022 09:00	14.67	386826.9	2.13	39.69	2.03	4.39
21/03/2022 10:00	14.68	388428.3	2.14	41.64	1.88	2.76
21/03/2022 11:00	14.68	385945.1	2.18	42.58	1.7	2.33
21/03/2022 12:00	14.71	384423.3	2.25	43.59	1.62	2.32
21/03/2022 13:00	14.73	381450.9	2.25	44.37	1.6	2.23
21/03/2022 14:00	14.73	382230.3	2.25	44.1	1.55	2.47
21/03/2022 15:00	14.71	386312.1	2.2	41.94	1.61	3.15
21/03/2022 16:00	14.69	384400.6	2.17	39.62	1.8	4.72
21/03/2022 17:00	14.69	385640.8	2.17	39.65	1.89	3.44
21/03/2022 18:00	14.69	381007.2	2.28	38.54	1.95	3.18
21/03/2022 19:00	14.69	381647.2	2.34	38.85	2.18	3.04
21/03/2022 20:00	14.67	381027.1	2.25	38.63	2.05	3.04
21/03/2022 21:00	14.66	388402.7	2.29	41.44	0.38	3.44
21/03/2022 22:00	14.67	389958.6	2.1	40.91	0.01	3.19
21/03/2022 23:00	14.68	389526.3	2.13	40.1	0	3.7
21/03/2022 24:00	14.63	382742.3	2.19	40.17	0	3.69
22/03/2022 01:00	14.63	370110.1	2.18	36.65	0	3.42
22/03/2022 02:00	14.64	370875.3	2.15	36.95	0	3.42
22/03/2022 03:00	14.64	370900.9	2.12	36.98	0	3.32
22/03/2022 04:00	14.64	368335.2	2.05	36.95	0	3.13
22/03/2022 05:00	14.62	366301.4	2.04	36.55	0	3.87
22/03/2022 06:00	14.6	360609.7	2.05	35.94	0	4.22
22/03/2022 07:00	14.6	362324.9	2.07	35.97	0	4.71
22/03/2022 08:00	14.62	369748.9	2.05	37.17	0	4.6
22/03/2022 09:00	14.66	389011.4	2.02	42.48	0	4.06
22/03/2022 10:00	14.66	387290.6	2.07	43.89	0	2.64
22/03/2022 11:00	14.71	383527.3	2.06	45.44	0	1.84
22/03/2022 12:00	14.72	382784.9	2.07	45.73	0	1.87
22/03/2022 13:00	14.69	383780.5	2.63	42.55	0	2.8
22/03/2022 14:00	14.69	383456.3	2.1	43.39	0	3.18
22/03/2022 15:00	14.69	386266.6	2.07	42.72	0	3.35
22/03/2022 16:00	14.69	382682.6	2.09	44.52	0	3.14
22/03/2022 17:00	14.69	384727.7	2.18	44.55	0	2.57
22/03/2022 18:00	14.7	383311.2	2.05	40.57	0	2.57
22/03/2022 19:00	14.7	385581	2.15	40.85	0	2.82
22/03/2022 20:00	14.69	383789	2.17	40.16	0	3.51
22/03/2022 21:00	14.67	384204.3	2.23	39.95	0	3.7
22/03/2022 22:00	14.63	389435.3	2.18	42.54	0	4.28
22/03/2022 23:00	14.67	389327.2	2.11	41.55	0	4.32
22/03/2022 24:00	14.63	382861.8	2.16	41.08	0	4.61
23/03/2022 01:00	14.65	369518.5	2.06	37.47	0	3.84
23/03/2022 02:00	14.65	370690.4	2.04	37.35	0	4.05
23/03/2022 03:00	14.64	369336.4	2.05	37.03	0	3.13
23/03/2022 04:00	14.63	366190.5	2.05	36.38	0	3.47
23/03/2022 05:00	14.62	365260.3	2.05	36.23	0	3.65
23/03/2022 06:00	14.59	359366.6	2.09	35.8	0	3.47
23/03/2022 07:00	14.6	361303.7	2.08	35.98	0	2.71
23/03/2022 08:00	14.62	370016.3	2.1	36.97	0	3.02
23/03/2022 09:00	14.65	389332.9	2.11	42.15	0	2.98
23/03/2022 10:00	14.65	387136.9	2.07	42.61	0	2.81
23/03/2022 11:00	14.68	385663.5	2.09	43.07	0	2.52
23/03/2022 12:00	14.7	384030.8	2.09	43.37	0	2.62



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
23/03/2022 13:00	14.73	380498	2.1	44.44	0	2.36
23/03/2022 14:00	14.68	382676.9	2.11	43.22	0	1.77
23/03/2022 15:00	14.69	382011.3	2.14	43.23	0	2.94
23/03/2022 16:00	14.72	379880.8	2.15	43.71	0	2.81
23/03/2022 17:00	14.73	379146.9	2.14	44.18	0	2.79
23/03/2022 18:00	14.7	381778	2.12	42.12	0	2.68
23/03/2022 19:00	14.69	382736.6	2.1	41.35	0	3.1
23/03/2022 20:00	14.67	379840.9	2.15	40.29	0	3.48
23/03/2022 21:00	14.67	381522	2.24	39.89	0	3.94
23/03/2022 22:00	14.68	389426.7	2.2	41.57	0	3.9
23/03/2022 23:00	14.69	390115.1	2.21	40.93	0	3.05
23/03/2022 24:00	14.64	381422.5	2.22	40.97	0	2.94
24/03/2022 01:00	14.65	370972	2.19	37.29	0	2.72
24/03/2022 02:00	14.64	371646.1	2.47	37.2	0	2.85
24/03/2022 03:00	14.64	371316.2	2.38	37.15	0	3.53
24/03/2022 04:00	14.64	369037.8	2.38	36.87	0	3.53
24/03/2022 05:00	14.63	367143.3	2.62	36.72	0	3.22
24/03/2022 06:00	14.6	360604	2.67	35.78	0	3.05
24/03/2022 07:00	14.61	362467.1	2.6	35.69	0	3.76
24/03/2022 08:00	14.62	371367.3	2.37	36.36	0	3.42
24/03/2022 09:00	14.64	389020	2.22	41.6	0	2.78
24/03/2022 10:00	14.66	386932.2	2.22	42.38	0	2.72
24/03/2022 11:00	14.7	385310.8	2.2	43.63	0	2.59
24/03/2022 12:00	14.69	384622.5	2.25	43.58	0	2.44
24/03/2022 13:00	14.68	383766.3	2.18	43.17	0	2.57
24/03/2022 14:00	14.68	387580.7	2.07	42.84	0	3.14
24/03/2022 15:00	14.7	388044.3	2.14	41.91	0	3.7
24/03/2022 16:00	14.69	387683.1	2.16	41.25	0	3.47
24/03/2022 17:00	14.69	386189.8	2.32	41.62	0	2.71
24/03/2022 18:00	14.71	383834.6	2.21	40.73	0	2.42
24/03/2022 19:00	14.69	382827.6	2.11	40.04	0	2.45
24/03/2022 20:00	14.68	381544.8	2.29	39.43	0	3.23
24/03/2022 21:00	14.66	383342.5	2.26	39.1	0	4.39
24/03/2022 22:00	14.66	389793.7	2.48	41.48	0	4.16
24/03/2022 23:00	14.7	389867.6	2.47	41.13	0	3.64
24/03/2022 24:00	14.62	382005.6	2.34	40.08	0	4.85
25/03/2022 01:00	14.63	370730.2	2.2	35.94	0	3.9
25/03/2022 02:00	14.63	374149.2	2.19	36.39	0	3.41
25/03/2022 03:00	14.63	371597.8	2.19	35.92	0	3.53
25/03/2022 04:00	14.62	369572.5	2.36	35.4	0	4.01
25/03/2022 05:00	14.62	367837.4	2.21	35.32	0	4.29
25/03/2022 06:00	14.59	362327.7	2.3	34.69	0	4.7
25/03/2022 07:00	14.6	363050.2	2.36	34.64	0	4.8
25/03/2022 08:00	14.61	368485.9	2.29	35.24	0	4.01
25/03/2022 09:00	14.62	388965.9	2.26	40.37	0	3.43
25/03/2022 10:00	14.65	385871.2	2.23	41.05	0	3.15
25/03/2022 11:00	14.67	384375	2.27	42.71	0	2.73
25/03/2022 12:00	14.68	386107.3	2.18	43.43	0	2.3
25/03/2022 13:00	14.68	387338.9	2.12	42.1	0	3.03
25/03/2022 14:00	14.66	386613.6	2.13	43.64	0	3.09
25/03/2022 15:00	14.67	386127.2	2.32	43.75	0	3.04
25/03/2022 16:00	14.67	384508.7	2.2	42.93	0	2.84
25/03/2022 17:00	14.66	382500.5	2.18	41.9	0	2.95
25/03/2022 18:00	14.68	383282.7	2.19	42.19	0	2.43
25/03/2022 19:00	14.69	385236.9	2.3	40.85	0	2.66
25/03/2022 20:00	14.68	384542.8	2.38	39.72	0	2.91
25/03/2022 21:00	14.68	385410.4	2.34	40.11	0	3.61
25/03/2022 22:00	14.64	388320.3	2.37	42.82	0	3.71
25/03/2022 23:00	14.64	388775.3	2.29	42.13	0	4.11
25/03/2022 24:00	14.63	383345.3	2.3	40.41	0	4.4
26/03/2022 01:00	14.63	373136.6	2.33	36.64	0	3.79
26/03/2022 02:00	14.63	374701	2.24	36.7	0	2.92
26/03/2022 03:00	14.63	373873.3	2.18	36.5	0	4.73
26/03/2022 04:00	14.62	370824.1	2.12	35.93	0	5.86
26/03/2022 05:00	14.62	369356.3	2.14	35.73	0	5.38
26/03/2022 06:00	14.6	364008.8	2.17	35.43	0	5.21
26/03/2022 07:00	14.59	362797	2.13	35.58	0	4.45
26/03/2022 08:00	14.61	367433.5	2.1	36.04	0	3.35
26/03/2022 09:00	14.65	388163.8	2.15	40.69	0	2.8
26/03/2022 10:00	14.65	385694.8	2.16	40.8	0	2.8
26/03/2022 11:00	14.67	384056.4	2.19	42.43	0	2.57
26/03/2022 12:00	14.71	380791	2.24	43.85	0	2.55
26/03/2022 13:00	14.73	378259.4	2.21	44.43	0	2.75
26/03/2022 14:00	14.73	377337.8	2.22	44.62	0	2.81
26/03/2022 15:00	14.71	377633.7	2.22	43.36	0	2.66
26/03/2022 16:00	14.74	374658.4	2.25	43.94	0	2.85
26/03/2022 17:00	14.73	376623.9	2.22	44.25	0	1.9
26/03/2022 18:00	14.71	381746.7	2.24	43.55	0	2.52
26/03/2022 19:00	14.73	381994.2	2.38	44.13	0	2.55
26/03/2022 20:00	14.75	381402.6	2.52	42.83	0	2.36
26/03/2022 21:00	14.72	377738.9	2.38	41.28	0	2.55
26/03/2022 22:00	14.69	381075.4	2.37	42.66	0	2.97
26/03/2022 23:00	14.69	387492.5	2.35	43.08	0	3.1
26/03/2022 24:00	14.65	355017.5	2.33	39.37	0	3
27/03/2022 01:00	14.62	308963.1	2.16	31.91	0	3.54
27/03/2022 02:00	14.65	379775.5	2.16	37.93	0	4.14
27/03/2022 03:00	14.65	383154.7	2.26	38.37	0	4.32
27/03/2022 04:00	14.64	383049.5	2.29	37.92	0	4.08
27/03/2022 05:00	14.64	382873.1	2.24	37.7	0	4.51
27/03/2022 06:00	14.64	383348.2	2.2	37.68	0	4.99



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
27/03/2022 07:00	14.64	383527.3	2.18	37.82	0	4.64
27/03/2022 08:00	14.64	383951.2	2.16	37.5	0	3.54
27/03/2022 09:00	14.68	386915.1	2.18	38.44	0	2.78
27/03/2022 10:00	14.67	385865.5	2.24	40.22	0	2.89
27/03/2022 11:00	14.66	368471.7	2.26	40.7	0	2.45
27/03/2022 12:00	14.73	380273.3	2.23	44.52	0	2.23
27/03/2022 13:00	14.72	380318.8	2.26	44.17	0	2.5
27/03/2022 14:00	14.72	378782.8	2.29	44.04	0	2.6
27/03/2022 15:00	14.74	376348	2.31	44.3	0	2.52
27/03/2022 16:00	14.75	376248.4	2.32	44.62	0	2.65
27/03/2022 17:00	14.72	377437.4	2.31	43.73	0	2.63
27/03/2022 18:00	14.67	349800.8	2.33	39.5	0	2.55
27/03/2022 19:00	14.7	379596.3	2.42	43.1	0	2.63
27/03/2022 20:00	14.68	381433.8	2.49	42.89	0	2.22
27/03/2022 21:00	14.68	383399.3	2.51	43.65	0	2.57
27/03/2022 22:00	14.69	384064.9	2.39	41.93	0	2.89
27/03/2022 23:00	14.67	385655	2.39	41.75	0	3.09
27/03/2022 24:00	14.63	372160.9	2.43	39.03	0	3.05
28/03/2022 01:00	14.62	364483.8	2.36	35.51	0	3.35
28/03/2022 02:00	14.61	363252.2	2.34	35.33	0	3.29
28/03/2022 03:00	14.6	362478.5	2.32	34.9	0	2.98
28/03/2022 04:00	14.59	362293.6	2.24	34.3	0	4.31
28/03/2022 05:00	14.58	361400.4	2.21	34.24	0	4.26
28/03/2022 06:00	14.56	357310.1	2.24	33.94	0	4.36
28/03/2022 07:00	14.59	362859.6	2.25	34.37	0	5.22
28/03/2022 08:00	14.62	371307.6	2.29	35.31	0.06	4.32
28/03/2022 09:00	14.64	387757	2.36	40.74	0.74	3.11
28/03/2022 10:00	14.69	385339.3	2.39	42.27	1.3	2.63
28/03/2022 11:00	14.71	383754.9	2.4	43.12	2.05	1.9
28/03/2022 12:00	14.74	380791	2.43	43.73	2.49	1.87
28/03/2022 13:00	14.76	378745.8	2.48	43.93	2.81	2.24
28/03/2022 14:00	14.77	376928.3	2.49	43.73	2.87	2.37
28/03/2022 15:00	14.77	375730.7	2.48	44.02	1.89	2.43
28/03/2022 16:00	14.78	375671	2.4	45.02	0.01	2.31
28/03/2022 17:00	14.77	376746.2	2.39	45.21	0	2.21
28/03/2022 18:00	14.74	379758.5	2.48	45.17	0	2.32
28/03/2022 19:00	14.72	380042.9	2.53	44.22	0	2.51
28/03/2022 20:00	14.69	382088.1	2.44	43.29	0	2.67
28/03/2022 21:00	14.7	384096.3	2.37	42.06	0	2.67
28/03/2022 22:00	14.75	384616.8	2.36	43.43	0	2.48
28/03/2022 23:00	14.7	385928.1	2.39	45.14	0	2.43
28/03/2022 24:00	14.69	381655.7	2.33	43.62	0	2.44
29/03/2022 01:00	14.68	370337.7	2.29	38.68	0	2.5
29/03/2022 02:00	14.67	372914.7	2.28	38.2	0	2.61
29/03/2022 03:00	14.66	372442.6	2.27	37.67	0	2.75
29/03/2022 04:00	14.65	370804.2	2.24	37.12	0	4.2
29/03/2022 05:00	14.64	367669.6	2.27	36.51	0	3.67
29/03/2022 06:00	14.62	361724.7	2.24	36.19	0	2.67
29/03/2022 07:00	14.63	363223.7	2.26	36.28	0	3.04
29/03/2022 08:00	14.67	371179.6	2.27	38.2	0	2.38
29/03/2022 09:00	14.69	387077.2	2.27	44.06	0	2.22
29/03/2022 10:00	14.69	384818.7	2.29	44.36	0	2.34
29/03/2022 11:00	14.69	383359.5	2.3	44.07	0	2.27
29/03/2022 12:00	14.72	381049.8	2.31	45.18	0	2.2
29/03/2022 13:00	14.74	379252.2	2.32	45.67	0	2.39
29/03/2022 14:00	14.73	377943.7	2.36	44.63	0	2.5
29/03/2022 15:00	14.74	377482.9	2.38	44.66	0	2.54
29/03/2022 16:00	14.75	377303.7	2.41	45.34	0	2.46
29/03/2022 17:00	14.75	377141.6	2.43	45.68	0	2.04
29/03/2022 18:00	14.73	378632.1	2.49	44.88	0	2.13
29/03/2022 19:00	14.72	380250.6	2.58	45.15	0	2.25
29/03/2022 20:00	14.71	382116.5	2.48	44.29	0	2.52
29/03/2022 21:00	14.71	384340.9	2.37	42.43	0	2.94
29/03/2022 22:00	14.71	384761.8	2.32	41.26	0	3.12
29/03/2022 23:00	14.65	385811.4	2.39	42.26	0	2.92
29/03/2022 24:00	14.63	381906	2.34	40.83	0	2.59
30/03/2022 01:00	14.65	373398.3	2.31	37.49	0	2.89
30/03/2022 02:00	14.65	373415.3	2.34	37.7	0	2.92
30/03/2022 03:00	14.65	372325.9	2.33	37.72	0	2.84
30/03/2022 04:00	14.65	369012.2	2.38	37.07	0	3.43
30/03/2022 05:00	14.64	367609.8	2.37	36.78	0	3.38
30/03/2022 06:00	14.62	362538.2	2.35	36.22	0	2.88
30/03/2022 07:00	14.62	363417.1	2.39	36.41	0	2.91
30/03/2022 08:00	14.66	372220.7	2.38	38	0	2.69
30/03/2022 09:00	14.66	388294.6	2.33	43.18	0	2.15
30/03/2022 10:00	14.66	386420.2	2.36	43.08	0	2.3
30/03/2022 11:00	14.68	384995.1	2.4	43.74	0	2.36
30/03/2022 12:00	14.71	381971.4	2.39	44.36	0	2.44
30/03/2022 13:00	14.72	380919	2.4	45.21	0	2.33
30/03/2022 14:00	14.73	379584.9	2.39	44.61	0	2.41
30/03/2022 15:00	14.74	378725.9	2.42	45.93	0	2.95
30/03/2022 16:00	14.74	377215.5	2.45	44.71	0	3.03
30/03/2022 17:00	14.73	377195.6	2.43	44.42	0	2.94
30/03/2022 18:00	14.73	378091.6	2.46	45.12	0	2.71
30/03/2022 19:00	14.7	380409.8	2.49	44.52	0	2.46
30/03/2022 20:00	14.7	381826.4	2.52	44.59	0	2.48
30/03/2022 21:00	14.7	382935.7	2.55	44.5	0	2.36
30/03/2022 22:00	14.71	384281.1	2.8	42.05	0	2.46
30/03/2022 23:00	14.68	384204.3	2.61	42.85	0	2.54
30/03/2022 24:00	14.64	380540.7	2.73	41.32	0	2.48



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
31/03/2022 01:00	14.66	373443.8	2.59	37.32	0	2.42
31/03/2022 02:00	14.66	373907.4	2.62	37.21	0	2.78
31/03/2022 03:00	14.65	373349.9	2.7	37.1	0	2.51
31/03/2022 04:00	14.63	370434.4	2.57	35.93	0	3.63
31/03/2022 05:00	14.63	366995.4	2.56	35.73	0	3.02
31/03/2022 06:00	14.6	361758.8	2.52	35.22	0	4.21
31/03/2022 07:00	14.6	361807.2	2.55	34.82	0	4.77
31/03/2022 08:00	14.62	362725.9	2.53	36.28	0	2.71
31/03/2022 09:00	14.65	384943.9	2.44	41.31	0	2.19
31/03/2022 10:00	14.69	382378.2	2.46	42.82	0	2.03
31/03/2022 11:00	14.74	378509.8	2.47	44.56	0	1.74
31/03/2022 12:00	14.76	376476	2.49	45.05	0	2.15
31/03/2022 13:00	14.77	374280.1	2.47	45.52	0	2.53
31/03/2022 14:00	14.77	373204.9	2.53	45.14	0	2.65
31/03/2022 15:00	14.79	368406.3	2.54	45.64	0	2.78
31/03/2022 16:00	14.79	366284.3	2.54	45.82	0	2.53
31/03/2022 17:00	14.79	367100.7	2.6	45.89	0	2.53
31/03/2022 18:00	14.79	369302.3	2.58	46.39	0	2.48
31/03/2022 19:00	14.74	377864.1	2.63	45.26	0	2.02
31/03/2022 20:00	14.7	381283.1	2.64	44.58	0	2.1
31/03/2022 21:00	14.72	382998.3	2.62	44.55	0	2.03
31/03/2022 22:00	14.75	384355.1	2.66	43.59	0	2.03
31/03/2022 23:00	14.71	384116.2	2.72	44.72	0	2.11
31/03/2022 24:00	14.65	370076	2.76	42.56	0	2.34
Minimum	14.55	272095.5	1.47	31.91	0	1.7
MinDate	02/03/2022 08:00	04/03/2022 08:00	02/03/2022 07:00	27/03/2022 01:00	01/03/2022 01:00	09/03/2022 11:00
Maximum	15.65	390447.9	172.44	49.86	2.91	24.19
MaxDate	04/03/2022 08:00	08/03/2022 10:00	04/03/2022 08:00	01/03/2022 16:00	03/03/2022 24:00	07/03/2022 23:00
Avg	14.68	378246.1	2.34	41.61	0.16	3.3
Num	737	737	737	737	737	737
Data[%]	99.1	99.1	99.1	99.1	99.1	99.1
STD	0.1	10997.5	6.4	3.3	0.6	2.7



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
01/03/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/03/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/03/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/03/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/03/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/03/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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01/03/2022 08:00	15.11	230818.3	161.81	37.34	<Samp	0.81
01/03/2022 09:00	14.09	374402.4	0	24.39	0.86	0
01/03/2022 10:00	14.09	372203.6	0	26.36	0.81	0
01/03/2022 11:00	14.1	369660.7	0	28.35	0.24	0.63
01/03/2022 12:00	14.13	366557.4	0	29.83	0	0
01/03/2022 13:00	14.15	364739.8	0	30.08	0	0
01/03/2022 14:00	14.16	362478.5	0	30.87	0	0
01/03/2022 15:00	14.19	361039.2	0	31.95	0	0
01/03/2022 16:00	14.19	360575.5	0	32.43	0	0
01/03/2022 17:00	14.18	361280.9	0	32.31	0	0
01/03/2022 18:00	14.14	362933.6	0	30.66	0	0
01/03/2022 19:00	14.09	366605.8	0	28.93	0	0
01/03/2022 20:00	14.1	368864.3	0	28.21	0	0
01/03/2022 21:00	14.1	369578.2	0	28.93	0.01	0
01/03/2022 22:00	14.11	370826.9	0	28.32	0.01	0
01/03/2022 23:00	14.12	371068.7	0	27.47	0.01	0
01/03/2022 24:00	14.35	331733.3	27.44	32.69	1.38	0.15
02/03/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
02/03/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
02/03/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
02/03/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
02/03/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
02/03/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
02/03/2022 07:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
02/03/2022 08:00	15.06	234097.5	154.41	37.58	<Samp	1.12
02/03/2022 09:00	14.06	371347.4	0	25.89	0.01	0
02/03/2022 10:00	14.1	369033	0	26.37	0.1	0
02/03/2022 11:00	14.1	367060.9	0	27.16	0.35	0.63
02/03/2022 12:00	14.12	365303	0	27.36	0.44	0
02/03/2022 13:00	14.14	363394.4	0	28.09	0.36	0
02/03/2022 14:00	14.15	360896.9	0	28.68	0.3	0
02/03/2022 15:00	14.11	361130.2	0	27.27	0.3	0
02/03/2022 16:00	14.14	365490.7	0	27.92	0.35	0
02/03/2022 17:00	14.17	365069.8	0	27.64	0.4	0
02/03/2022 18:00	14.16	359491.8	0	27.79	0.41	0
02/03/2022 19:00	14.16	367237.2	0	28.04	0.41	0
02/03/2022 20:00	14.15	367501.8	0	27.2	0.46	0
02/03/2022 21:00	14.12	368272.6	0	27.91	0.51	0
02/03/2022 22:00	14.11	369362	0	26.41	0.49	0
02/03/2022 23:00	14.11	367908.5	0	25.95	0.5	0
02/03/2022 24:00	14.34	330964.4	27.78	30.83	2	0.12
03/03/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/03/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/03/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/03/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/03/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/03/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/03/2022 07:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
03/03/2022 08:00	15.12	231414.4	165.78	39.36	<Samp	0.87
03/03/2022 09:00	14.07	370855.3	0	26.45	0.57	0
03/03/2022 10:00	14.08	367996.7	0	27.86	0.09	0
03/03/2022 11:00	14.09	366022.6	0	28.35	0	0.63
03/03/2022 12:00	14.1	365869	0	28.65	0	0
03/03/2022 13:00	14.11	362396	0	29.46	0	0
03/03/2022 14:00	14.13	360646.6	0	30.16	0	0
03/03/2022 15:00	14.14	359241.5	0	30.23	0	0
03/03/2022 16:00	14.13	358763.6	0	29.89	0	0
03/03/2022 17:00	14.12	359454.8	0	29.72	0	0
03/03/2022 18:00	14.12	360441.8	0	28.84	0	0
03/03/2022 19:00	14.1	362413	0	28.8	0	0
03/03/2022 20:00	14.11	363912.1	0	28.72	0	0
03/03/2022 21:00	14.08	366748	0	29.44	0	0
03/03/2022 22:00	14.09	368181.6	0	28.89	0	0
03/03/2022 23:00	14.11	369216.9	0	27.73	0	0
03/03/2022 24:00	14.07	350398.1	0	27.74	0.01	0
04/03/2022 01:00	14.09	357785.1	0	26.71	0.04	0
04/03/2022 02:00	14.08	360396.3	0	26.4	0.04	0
04/03/2022 03:00	14.07	360222.8	0	25.96	0.05	0
04/03/2022 04:00	14.06	358976.9	0	25.6	0.07	0
04/03/2022 05:00	14.05	359136.3	0	25.42	0.05	0
04/03/2022 06:00	14.04	356670.1	0	25.09	0.07	0.09
04/03/2022 07:00	14.04	359540.2	0	25.19	0.06	0.1
04/03/2022 08:00	13.98	293320.4	0	26.97	0.05	0.68
04/03/2022 09:00	14.04	369080.4	0	26.27	0.01	0
04/03/2022 10:00	14.06	366921.5	0	27.67	0	0
04/03/2022 11:00	14.08	364341.6	0	28.3	0	0.63
04/03/2022 12:00	14.12	362458.6	0	29.56	0	0
04/03/2022 13:00	14.13	359781.9	0	29.34	0	0
04/03/2022 14:00	14.16	358115.1	0	30.35	0	0
04/03/2022 15:00	14.17	355560.8	0	30.47	0	0
04/03/2022 16:00	14.16	354118.6	0	29.84	0	0
04/03/2022 17:00	14.15	355014.6	0	29.43	0	0
04/03/2022 18:00	14.1	359150.5	0	28.36	0	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
04/03/2022 19:00	14.1	360254.1	0	28.67	0	0
04/03/2022 20:00	14.12	362637.8	0	27.71	0	0
04/03/2022 21:00	14.08	364523.6	0	28.83	0	0
04/03/2022 22:00	14.07	365570.4	0	28.55	0	0
04/03/2022 23:00	14.06	365894.6	0	27.92	0	0
04/03/2022 24:00	14.33	328298.8	29.1	32.45	1.51	0.14
05/03/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/03/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/03/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/03/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/03/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/03/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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05/03/2022 08:00	15.92	188150.6	<Samp	35.16	<Samp	1.96
05/03/2022 09:00	14.03	370565.2	0	25.97	0	0
05/03/2022 10:00	14.06	369015	0	27.24	0	0
05/03/2022 11:00	14.09	366045.4	0	28.11	0	0.72
05/03/2022 12:00	14.1	364267.6	0	28.3	0	0
05/03/2022 13:00	14.12	361298	0	29.13	0	0
05/03/2022 14:00	14.13	360518.6	0	29.34	0	0
05/03/2022 15:00	14.14	365715.4	0	30.35	0	0
05/03/2022 16:00	14.14	362111.5	0	30.88	0	0
05/03/2022 17:00	14.14	361073.3	0	30.67	0	0
05/03/2022 18:00	14.15	360464.6	0	30.94	0	0
05/03/2022 19:00	14.13	360669.4	0	30.1	0	0
05/03/2022 20:00	14.13	363320.4	0	28.64	0	0
05/03/2022 21:00	14.11	362418.7	0	27.83	0	0
05/03/2022 22:00	14.09	368033.7	0	28.53	0	0
05/03/2022 23:00	14.1	369837	0	27.14	0	0
05/03/2022 24:00	14.34	331142.8	25.72	31.62	1.39	0.15
06/03/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
06/03/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
06/03/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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06/03/2022 15:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
06/03/2022 16:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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06/03/2022 18:00	14.9	212419.1	122.45	55.03	1.72	0.26
06/03/2022 19:00	14.12	360197.2	0	28.87	0	0
06/03/2022 20:00	14.15	362885.2	0	29.12	0	0
06/03/2022 21:00	14.16	363832.4	0	28.68	0	0
06/03/2022 22:00	14.13	361659.3	0	27.84	0	0
06/03/2022 23:00	14.1	359636.9	0	27.25	0	0
06/03/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
07/03/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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07/03/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
07/03/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
07/03/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
07/03/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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07/03/2022 08:00	15.15	225450	150.59	41.88	<Samp	1.16
07/03/2022 09:00	14.05	367772	0	26.51	0	0
07/03/2022 10:00	14.09	363252.2	0	26.61	0	0
07/03/2022 11:00	14.09	364170.9	0	28.34	0	0.72
07/03/2022 12:00	14.11	362330.6	0	28.91	0	0
07/03/2022 13:00	14.12	360416.3	0	29.42	0	0
07/03/2022 14:00	14.13	358265.8	0	29.39	0	0
07/03/2022 15:00	14.13	357733.9	0	29.22	0	0
07/03/2022 16:00	14.13	355080.1	0	28.95	0	0
07/03/2022 17:00	14.11	356928.9	0	28.77	0	0
07/03/2022 18:00	14.1	358783.5	0	28.77	0	0
07/03/2022 19:00	14.09	360163.1	0	28.88	0	0
07/03/2022 20:00	14.1	361468.7	0	28.4	0	0
07/03/2022 21:00	14.08	364335.9	0	29.17	0	0
07/03/2022 22:00	14.09	366662.6	0	28.62	0	0.18
07/03/2022 23:00	14.04	360558.5	0	27.01	0	1.8
07/03/2022 24:00	14.32	327531.3	28.2	32.92	1.4	0.34
08/03/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
08/03/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
08/03/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
08/03/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
08/03/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
08/03/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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08/03/2022 08:00	15.12	231001.5	160.9	42.79	<Samp	0.6
08/03/2022 09:00	14.13	368707.8	0	28.1	0.01	0
08/03/2022 10:00	14.18	369561.1	0	29.53	0	0
08/03/2022 11:00	14.17	368778.9	0	30.24	0	0.64
08/03/2022 12:00	14.15	367359.5	0	30.56	0	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
08/03/2022 13:00	14.15	364728.4	0	31.31	0	0
08/03/2022 14:00	14.14	363997.4	0	31.09	0	0
08/03/2022 15:00	14.13	364037.2	0	30.93	0	0
08/03/2022 16:00	14.14	361428.9	0	30.79	0	0
08/03/2022 17:00	14.12	363306.2	0	30.09	0	0
08/03/2022 18:00	14.12	363462.6	0	30.19	0	0
08/03/2022 19:00	14.11	363903.5	0	29.96	0	0
08/03/2022 20:00	14.14	366437.9	0	28.89	0	0
08/03/2022 21:00	14.14	367581.4	0	28.44	0	0
08/03/2022 22:00	14.15	367513.1	0	28.43	0	0
08/03/2022 23:00	14.14	365957.2	0	28.33	0	0
08/03/2022 24:00	14.37	326905.7	29.64	34.02	1.51	0.15
09/03/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
09/03/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
09/03/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
09/03/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
09/03/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
09/03/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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09/03/2022 10:00	14.1	367407.9	0	29.14	0	0
09/03/2022 11:00	14.13	364017.3	0	30.29	0	0.63
09/03/2022 12:00	14.14	361761.7	0	30.69	0	0
09/03/2022 13:00	14.15	359716.5	0	30.96	0	0
09/03/2022 14:00	14.15	358220.3	0	30.67	0	0
09/03/2022 15:00	14.14	356826.6	0	30.46	0	0
09/03/2022 16:00	14.15	356141	0	30.98	0	0
09/03/2022 17:00	14.15	356920.4	0	31.04	0	0
09/03/2022 18:00	14.14	357671.3	0	30.8	0	0
09/03/2022 19:00	14.12	360046.5	0	29.95	0	0
09/03/2022 20:00	14.13	361650.7	0	28.83	0	0
09/03/2022 21:00	14.1	362572.3	0	29.96	0	0
09/03/2022 22:00	14.09	363877.9	0	29.58	0	0
09/03/2022 23:00	14.07	364702.8	0	28.74	0	0
09/03/2022 24:00	14.32	327750.5	25.89	32.95	1.34	0.12
10/03/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
10/03/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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10/03/2022 10:00	14.07	368730.6	0	27.64	0	0
10/03/2022 11:00	14.08	365908.9	0	28.4	0	0.63
10/03/2022 12:00	14.11	364003.1	0	29.39	0	0
10/03/2022 13:00	14.13	362316.3	0	29.99	0	0
10/03/2022 14:00	14.14	360168.8	0	30.04	0	0
10/03/2022 15:00	14.15	357802.2	0	29.94	0	0
10/03/2022 16:00	14.12	362302.1	0	29.96	0	0
10/03/2022 17:00	14.11	365624.4	0	30.28	0	0
10/03/2022 18:00	14.11	364060	0	29.01	0	0
10/03/2022 19:00	14.09	363812.5	0	29.33	0	0
10/03/2022 20:00	14.11	364304.6	0	28.36	0	0
10/03/2022 21:00	14.08	366147.8	0	27.53	0	0
10/03/2022 22:00	14.06	366967	0	28.06	0	0
10/03/2022 23:00	14.05	367712.3	0	27.8	0	0
10/03/2022 24:00	14.31	329736.1	27.07	32.2	1.5	0.12
11/03/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
11/03/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
11/03/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
11/03/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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11/03/2022 09:00	14.02	370312.1	0	25.5	0	0.09
11/03/2022 10:00	14.06	367971.1	0	27.06	0	0
11/03/2022 11:00	14.1	364802.4	0	27.05	0	0.63
11/03/2022 12:00	14.13	363508.2	0	27.92	0.07	0
11/03/2022 13:00	14.16	360868.5	0	28.96	0.08	0
11/03/2022 14:00	14.17	359039.5	0	29.2	0.07	0
11/03/2022 15:00	14.18	357588.9	0	29	0.08	0
11/03/2022 16:00	14.18	356303.2	0	28.93	0.08	0
11/03/2022 17:00	14.18	356232.1	0	28.79	0.03	0
11/03/2022 18:00	14.16	357352.8	0	28.54	0.06	0
11/03/2022 19:00	14.12	358999.7	0	27.78	0.06	0
11/03/2022 20:00	14.11	361201.3	0	27.6	0.02	0
11/03/2022 21:00	14.1	363934.8	0	27.51	0.03	0
11/03/2022 22:00	14.1	365231.9	0	27.87	0.04	0
11/03/2022 23:00	14.09	366878.8	0	27.79	0.07	0
11/03/2022 24:00	14.34	328269.3	29.17	31.8	1.57	0.13
12/03/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
12/03/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
12/03/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
12/03/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
12/03/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
12/03/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
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12/03/2022 08:00	15.1	225779.6	149.81	37.63	<Samp	1.29
12/03/2022 09:00	14.05	367205.9	0	24.51	0.32	0
12/03/2022 10:00	14.08	365288.8	0	26.03	0.24	0
12/03/2022 11:00	14.13	362686.1	0	27.58	0.23	0.63
12/03/2022 12:00	14.16	360302.5	0	28.89	0.2	0
12/03/2022 13:00	14.16	356900.5	0	28.4	0.1	0
12/03/2022 14:00	14.17	355384.4	0	28.58	0.11	0
12/03/2022 15:00	14.19	353945.1	0	29.12	0.15	0
12/03/2022 16:00	14.21	353049.1	0	29.94	0.11	0
12/03/2022 17:00	14.21	353256.8	0	30.04	0.09	0
12/03/2022 18:00	14.2	355290.6	0	30.12	0.06	0
12/03/2022 19:00	14.17	356411.3	0	29.46	0.06	0
12/03/2022 20:00	14.14	358513.3	0	28.47	0.05	0
12/03/2022 21:00	14.12	359781.9	0	26.7	0.04	0
12/03/2022 22:00	14.12	355859.4	0	25.5	0.06	0
12/03/2022 23:00	14.08	359380.9	0	25.89	0.06	0
12/03/2022 24:00	14.32	326853.8	27.39	30.43	1.52	0.13
13/03/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
13/03/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
13/03/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
13/03/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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13/03/2022 14:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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13/03/2022 19:00	14.14	358504.8	0	27.24	0.02	0
13/03/2022 20:00	14.12	361946.6	0	26.99	0.01	0
13/03/2022 21:00	14.11	364395.6	0	26.78	0.03	0
13/03/2022 22:00	14.13	365954.4	0	25.91	0.05	0
13/03/2022 23:00	14.14	366392.4	0	25.52	0.08	0
13/03/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
14/03/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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14/03/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
14/03/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
14/03/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
14/03/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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14/03/2022 10:00	14.08	367581.4	0	25.6	0.04	0
14/03/2022 11:00	14.1	365780.9	0	26.33	0	0.63
14/03/2022 12:00	14.13	363161.1	0	26.92	0	0
14/03/2022 13:00	14.15	360330.9	0	27.19	0	0
14/03/2022 14:00	14.17	357933	0	27.7	0	0
14/03/2022 15:00	14.18	356428.3	0	27.93	0	0
14/03/2022 16:00	14.16	356636	0	27.63	0	0
14/03/2022 17:00	14.13	358743.7	0	26.84	0	0
14/03/2022 18:00	14.12	361505.7	0	27.31	0	0
14/03/2022 19:00	14.1	364486.6	0	26.75	0	0
14/03/2022 20:00	14.11	366597.2	0	25.77	0	0
14/03/2022 21:00	14.11	368150.3	0	24.58	0	0
14/03/2022 22:00	14.07	369097.5	0	25	0	0
14/03/2022 23:00	14.06	369475.8	0	25.19	0	0
14/03/2022 24:00	14.32	329812.1	25.96	29.8	1.26	0.17
15/03/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/03/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/03/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/03/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/03/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/03/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/03/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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15/03/2022 09:00	14.02	369780.2	0	23.41	0	0
15/03/2022 10:00	14.06	366329.8	0	24.44	0	0
15/03/2022 11:00	14.09	363661.8	0	25.69	0	0.63
15/03/2022 12:00	14.11	361795.8	0	26.15	0	0
15/03/2022 13:00	14.13	358914.4	0	26.56	0	0
15/03/2022 14:00	14.15	356940.3	0	27.07	0	0
15/03/2022 15:00	14.16	355282	0	27.43	0	0
15/03/2022 16:00	14.17	352565.6	0	27.82	0	0
15/03/2022 17:00	14.16	352878.5	0	27.24	0	0
15/03/2022 18:00	14.13	356533.6	0	26.72	0	0
15/03/2022 19:00	14.11	360208.6	0	26.69	0	0
15/03/2022 20:00	14.1	363420	0	26.09	0	0
15/03/2022 21:00	14.09	364776.8	0	25.63	0	0
15/03/2022 22:00	14.09	366130.7	0	24.43	0	0
15/03/2022 23:00	14.06	367029.6	0	25.26	0	0
15/03/2022 24:00	14.05	361192.8	0	24.3	0	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
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16/03/2022 02:00	14.04	352215.7	0	22.03	0	0
16/03/2022 03:00	14.02	349502.1	0	21.67	0	0
16/03/2022 04:00	14.01	348213.6	0	21.33	0	0
16/03/2022 05:00	14.01	346341.9	0	20.98	0	0
16/03/2022 06:00	13.99	338878.1	0	20.54	0	0
16/03/2022 07:00	14	342709.6	0	20.51	0	0.03
16/03/2022 08:00	14.01	352508.7	0	21.16	0	0
16/03/2022 09:00	14.03	368008.1	0	23.67	0	0
16/03/2022 10:00	14.05	364352.9	0	25.82	0	0
16/03/2022 11:00	14.08	361847	0	26.98	0	0.63
16/03/2022 12:00	14.1	360018	0	27.4	0	0
16/03/2022 13:00	14.12	358251.6	0	27.85	0	0
16/03/2022 14:00	14.12	357463.7	0	28.02	0	0
16/03/2022 15:00	14.12	358863.2	0	28.25	0	0
16/03/2022 16:00	14.1	362182.6	0	28.35	0	0
16/03/2022 17:00	14.09	361326.5	0	27.53	0	0
16/03/2022 18:00	14.07	361938	0	26.7	0	0
16/03/2022 19:00	14.06	363570.7	0	26.57	0	0
16/03/2022 20:00	14.08	365780.9	0	26.32	0	0
16/03/2022 21:00	14.08	365718.3	0	27.02	0	0
16/03/2022 22:00	14.05	367274.2	0	27	0	0
16/03/2022 23:00	14.03	368869.9	0	26.48	0	0
16/03/2022 24:00	14.03	363016.1	0	25.51	0	0
17/03/2022 01:00	14.02	349078.3	0	23.41	0	0
17/03/2022 02:00	14.03	351880.1	0	23.51	0	0
17/03/2022 03:00	14.02	350497.7	0	23.62	0	0
17/03/2022 04:00	14.01	348358.6	0	23.19	0	0.01
17/03/2022 05:00	14	345656.4	0	23.08	0	0
17/03/2022 06:00	13.98	338636.3	0	22.36	0	0
17/03/2022 07:00	13.98	340661.6	0	22.26	0	0.06
17/03/2022 08:00	14	349092.5	0	22.94	0	0.02
17/03/2022 09:00	14.02	368503	0	25.6	0	0
17/03/2022 10:00	14.04	366656.9	0	26.3	0	0
17/03/2022 11:00	14.07	364293.2	0	26.85	0	0.63
17/03/2022 12:00	14.09	362302.1	0	27.22	0	0
17/03/2022 13:00	14.1	360410.6	0	27.74	0	0
17/03/2022 14:00	14.11	359036.7	0	28.13	0	0
17/03/2022 15:00	14.13	357503.5	0	28.38	0	0
17/03/2022 16:00	14.08	359796.2	0	27.32	0	0
17/03/2022 17:00	14.03	364045.8	0	26.12	0	0
17/03/2022 18:00	14.05	361300.9	0	26.34	0	0
17/03/2022 19:00	14.06	362265.1	0	26.58	0	0
17/03/2022 20:00	14.07	364395.6	0	26.82	0	0
17/03/2022 21:00	14.08	366136.4	0	26.22	0	0
17/03/2022 22:00	14.08	366156.3	0	25.69	0	0
17/03/2022 23:00	14.04	367328.3	0	26.65	0	0
17/03/2022 24:00	14.03	360882.7	0	25.44	0	0
18/03/2022 01:00	14.03	350167.7	0	23.27	0	0
18/03/2022 02:00	14.01	351180.3	0	22.58	0	0
18/03/2022 03:00	14.01	351561.5	0	22.44	0	0
18/03/2022 04:00	14.01	351285.6	0	22.35	0	0.01
18/03/2022 05:00	14	348492.3	0	22.23	0	0.04
18/03/2022 06:00	13.99	339893.6	0	22.27	0	0.01
18/03/2022 07:00	13.99	340493.8	0	22.22	0	0.03
18/03/2022 08:00	14	348463.9	0	22.76	0	0.03
18/03/2022 09:00	14.01	369834.2	0	25.34	0	0
18/03/2022 10:00	14.02	369131.6	0	25.37	0	0
18/03/2022 11:00	14.03	366597.2	0	25.42	0	0.62
18/03/2022 12:00	14.04	365547.6	0	25.97	0	0
18/03/2022 13:00	14.05	363104.3	0	25.66	0	0
18/03/2022 14:00	14.08	362831.2	0	27.29	0	0
18/03/2022 15:00	14.08	363127	0	27.08	0	0.01
18/03/2022 16:00	14.08	364005.9	0	27.41	0	0.01
18/03/2022 17:00	14.05	364657.3	0	25.46	0	0.24
18/03/2022 18:00	14.01	355637.6	0	24.1	0	11.18
18/03/2022 19:00	14.02	356200.8	0	24.2	0	0.09
18/03/2022 20:00	14.04	363994.6	0	24.53	0	0.24
18/03/2022 21:00	14.06	369182.8	0	24.9	0	0.21
18/03/2022 22:00	14.07	370229.6	0	25.12	0	0.01
18/03/2022 23:00	14.07	369185.7	0	25.08	0	0
18/03/2022 24:00	14.03	360840.1	0	25.53	0	0
19/03/2022 01:00	14	342561.7	0	23.25	0	0
19/03/2022 02:00	14.01	346393.1	0	23.35	0	0.15
19/03/2022 03:00	14.01	345127.3	0	23.17	0	0.32
19/03/2022 04:00	14.01	342439.3	0	23.32	0	0.08
19/03/2022 05:00	14.02	343369.5	0	23.68	0	0
19/03/2022 06:00	14	335291.3	0	23.29	0	0.01
19/03/2022 07:00	14	333906	0	23.08	0	0
19/03/2022 08:00	14.01	341591.7	0	23.57	0	0
19/03/2022 09:00	14.07	368170.2	0	25.3	0	0
19/03/2022 10:00	14.1	370582.3	0	25.75	0	0
19/03/2022 11:00	14.08	368275.4	0	27.45	0	0.63
19/03/2022 12:00	14.1	366071	0	28.16	0	0
19/03/2022 13:00	14.11	362788.5	0	28.32	0	0
19/03/2022 14:00	14.12	361269.6	0	28.67	0	0
19/03/2022 15:00	14.12	360248.4	0	28.6	0	0
19/03/2022 16:00	14.11	359406.5	0	28.3	0	0
19/03/2022 17:00	14.11	359898.6	0	28.08	0	0
19/03/2022 18:00	14.11	360009.5	0	27.87	0	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
19/03/2022 19:00	14.11	361329.3	0	27.07	0	0
19/03/2022 20:00	14.11	360592.6	0	26.04	0	0
19/03/2022 21:00	14.1	359944.1	0	25.87	0	0
19/03/2022 22:00	14.06	353746	0	24.46	0	0
19/03/2022 23:00	14.05	364202.2	0	26.15	0	0
19/03/2022 24:00	14.04	357546.2	0	25.97	0	0
20/03/2022 01:00	14	336167.3	0	23.64	0	0.23
20/03/2022 02:00	13.99	336434.7	0	23.15	0	0.42
20/03/2022 03:00	13.99	335345.3	0	22.97	0	0.2
20/03/2022 04:00	13.99	333049.8	0	22.68	0	0.28
20/03/2022 05:00	13.99	332893.4	0	22.65	0	0.17
20/03/2022 06:00	13.97	326743.7	0	22.64	0	0.24
20/03/2022 07:00	13.95	323171.1	0	22.71	0	0.47
20/03/2022 08:00	13.97	324106.9	0	22.96	0	0.28
20/03/2022 09:00	14.01	328720.6	0	22.85	0	0.03
20/03/2022 10:00	14.02	331300.5	0	22.88	0	0
20/03/2022 11:00	14.03	332759.7	0	22.86	0	0.62
20/03/2022 12:00	14.04	333456.6	0	23.14	0	0
20/03/2022 13:00	14.06	334594.4	0	23.31	0	0
20/03/2022 14:00	14.08	338858.2	0	23.7	0	0
20/03/2022 15:00	14.09	338482.7	0	23.83	0	0
20/03/2022 16:00	14.1	337541.2	0	24.2	0	0
20/03/2022 17:00	14.05	336136.1	0	23.49	0	0
20/03/2022 18:00	14.01	332654.5	0	23.65	0	0
20/03/2022 19:00	14.08	362296.4	0	26.04	0	0
20/03/2022 20:00	14.07	362231	0	25.25	0	0
20/03/2022 21:00	14.06	361986.4	0	24.91	0	0.03
20/03/2022 22:00	14.05	361522.7	0	24.61	0	0.08
20/03/2022 23:00	14.04	366730.9	0	25.61	0	0.12
20/03/2022 24:00	14	350364	0	24.35	0	0.11
21/03/2022 01:00	13.99	338033.3	0	22.69	0	0.01
21/03/2022 02:00	13.99	339922	0	22.46	0	0.21
21/03/2022 03:00	13.98	339011.8	0	22.4	0	0.47
21/03/2022 04:00	13.98	336525.8	0	22.73	0	0.43
21/03/2022 05:00	13.99	333584.6	0	23.74	0	1.64
21/03/2022 06:00	13.97	329343.5	0	23.49	0	1.72
21/03/2022 07:00	13.98	331877.9	0	23.41	0	0.92
21/03/2022 08:00	14	344564.2	0	23.93	0	0.41
21/03/2022 09:00	14.06	369549.8	0	25.39	0	0.18
21/03/2022 10:00	14.07	370966.3	0	26.7	0	0
21/03/2022 11:00	14.07	367845.9	0	27.6	0	0.63
21/03/2022 12:00	14.09	366213.2	0	28.37	0	0
21/03/2022 13:00	14.12	362768.6	0	29.14	0	0
21/03/2022 14:00	14.11	363397.2	0	28.81	0	0
21/03/2022 15:00	14.1	368375	0	26.97	0	0.01
21/03/2022 16:00	14.07	366537.5	0	25.34	0	0.19
21/03/2022 17:00	14.08	368053.6	0	25.19	0	0.02
21/03/2022 18:00	14.07	361565.4	0	24.83	0	0.06
21/03/2022 19:00	14.07	362273.7	0	25.04	0	0
21/03/2022 20:00	14.05	361292.3	0	25.07	0	0.02
21/03/2022 21:00	14.04	369632.3	0	26.67	0	0.09
21/03/2022 22:00	14.05	371543.7	0	26.23	0	0.05
21/03/2022 23:00	14.06	371791.2	0	25.41	0	0.2
21/03/2022 24:00	14.02	363917.8	0	25.58	0	0.25
22/03/2022 01:00	14.02	347946.2	0	23.91	0	0.18
22/03/2022 02:00	14.02	348526.5	0	24.11	0	0.15
22/03/2022 03:00	14.02	348230.6	0	24.07	0	0.12
22/03/2022 04:00	14.02	345491.4	0	24.07	0	0.1
22/03/2022 05:00	14.01	343602.7	0	23.89	0	0.33
22/03/2022 06:00	13.99	337362	0	23.52	0	0.47
22/03/2022 07:00	13.99	339247.9	0	23.44	0	0.59
22/03/2022 08:00	14.01	348028.7	0	24.2	0	0.46
22/03/2022 09:00	14.05	371896.4	0	26.86	0	0.16
22/03/2022 10:00	14.07	369242.6	0	28.11	0	0
22/03/2022 11:00	14.11	365177.8	0	29.43	0	0.72
22/03/2022 12:00	14.12	364867.8	0	29.68	0	0
22/03/2022 13:00	14.07	365354.2	1.36	27.22	0.02	0.03
22/03/2022 14:00	14.08	365644.3	0	27.89	0	0.05
22/03/2022 15:00	14.08	368320.9	0	27.3	0	0.03
22/03/2022 16:00	14.09	364156.7	0	28.49	0	0.01
22/03/2022 17:00	14.09	365738.2	0	28.47	0	0
22/03/2022 18:00	14.1	365229	0	25.82	0	0
22/03/2022 19:00	14.1	367527.3	0	26.05	0	0
22/03/2022 20:00	14.08	365274.6	0	25.72	0	0.05
22/03/2022 21:00	14.07	365180.7	0	25.53	0	0.15
22/03/2022 22:00	14.03	370613.6	0	26.95	0	0.25
22/03/2022 23:00	14.05	370926.5	0	26.57	0	0.26
22/03/2022 24:00	14.02	364028.7	0	26.24	0	0.3
23/03/2022 01:00	14.03	347613.4	0	24.5	0	0.19
23/03/2022 02:00	14.03	348421.2	0	24.4	0	0.28
23/03/2022 03:00	14.02	347402.9	0	24.15	0	0.05
23/03/2022 04:00	14.01	344205.8	0	23.67	0	0.08
23/03/2022 05:00	14.01	343073.7	0	23.59	0	0
23/03/2022 06:00	13.99	336355.1	0	23.2	0	0.04
23/03/2022 07:00	14	338434.4	0	23.33	0	0.01
23/03/2022 08:00	14.01	347974.6	0	23.9	0	0.03
23/03/2022 09:00	14.04	371637.6	0	26.6	0	0
23/03/2022 10:00	14.06	369953.7	0	26.82	0	0
23/03/2022 11:00	14.09	367686.6	0	26.93	0	0.63
23/03/2022 12:00	14.11	365567.5	0	27.24	0	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
23/03/2022 13:00	14.14	362851.1	0	28.06	0	0
23/03/2022 14:00	14.1	364742.6	0	26.77	0	0
23/03/2022 15:00	14.1	363624.8	0	27.02	0	0
23/03/2022 16:00	14.13	361807.2	0	27.36	0	0
23/03/2022 17:00	14.14	360780.3	0	27.64	0	0
23/03/2022 18:00	14.11	363243.6	0	26.12	0	0
23/03/2022 19:00	14.09	362984.8	0	25.63	0	0.06
23/03/2022 20:00	14.07	360168.8	0	25.03	0.03	0.09
23/03/2022 21:00	14.07	361923.8	0	24.64	0.02	0.24
23/03/2022 22:00	14.08	371495.3	0	25.47	0.04	0.12
23/03/2022 23:00	14.09	372664.4	0	25.12	0.05	0.02
23/03/2022 24:00	14.04	362805.6	0	25.3	0.07	0
24/03/2022 01:00	14.04	349510.6	0	23.44	0.1	0
24/03/2022 02:00	14.04	349755.3	0	23.27	0.13	0
24/03/2022 03:00	14.04	349743.9	0	23.25	0.14	0.1
24/03/2022 04:00	14.03	346700.3	0	23.13	0.14	0.15
24/03/2022 05:00	14.03	344899.8	0	23.12	0.19	0.1
24/03/2022 06:00	14.01	337273.8	0	22.49	0.21	0.09
24/03/2022 07:00	14.01	339478.3	0	22.45	0.21	0.35
24/03/2022 08:00	14.02	349618.7	0	22.72	0.2	0.28
24/03/2022 09:00	14.05	370451.4	0	25.39	0.24	0
24/03/2022 10:00	14.07	368104.8	0	26.22	0.18	0
24/03/2022 11:00	14.1	366807.7	0	27.28	0.1	0.63
24/03/2022 12:00	14.11	366136.4	0	27.24	0.07	0
24/03/2022 13:00	14.09	366025.5	0	26.92	0.04	0
24/03/2022 14:00	14.09	369251.1	0	26.3	0.03	0
24/03/2022 15:00	14.11	370698.9	0	25.78	0.05	0.1
24/03/2022 16:00	14.09	369913.8	0	25.32	0.06	0.09
24/03/2022 17:00	14.08	368212.9	0	25.87	0.08	0
24/03/2022 18:00	14.11	366016.9	0	25.12	0.08	0
24/03/2022 19:00	14.09	364142.5	0	24.56	0.07	0
24/03/2022 20:00	14.08	362745.8	0	24.36	0.08	0.07
24/03/2022 21:00	14.06	364060	0	24.04	0.08	0.4
24/03/2022 22:00	14.05	371654.6	0	25.54	0.09	0.25
24/03/2022 23:00	14.08	371691.6	0	25.36	0.13	0.12
24/03/2022 24:00	14.02	363166.8	0	24.72	0.15	0.3
25/03/2022 01:00	14.02	348543.5	0	22.58	0.22	0.38
25/03/2022 02:00	14.02	352741.9	0	22.62	0.26	0.18
25/03/2022 03:00	14.01	349610.2	0	22.39	0.23	0.22
25/03/2022 04:00	14.01	346950.6	0	22.12	0.25	0.47
25/03/2022 05:00	14.01	345773	0	22.12	0.26	0.65
25/03/2022 06:00	14	340160.9	0	21.66	0.27	0.72
25/03/2022 07:00	14	340229.2	0	21.62	0.29	0.77
25/03/2022 08:00	14.01	346592.3	0	22.12	0.23	0.55
25/03/2022 09:00	14.04	370076	0	24.53	0.25	0.16
25/03/2022 10:00	14.06	367339.6	0	25.28	0.17	0.03
25/03/2022 11:00	14.07	365661.4	0	27.09	0.01	0.64
25/03/2022 12:00	14.08	367336.8	0	27.67	0	0
25/03/2022 13:00	14.07	369296.6	0	26.91	0	0.03
25/03/2022 14:00	14.05	369327.9	0	27.75	0	0.02
25/03/2022 15:00	14.06	368247	0	27.93	0	0
25/03/2022 16:00	14.06	366036.9	0	27.25	0	0
25/03/2022 17:00	14.06	364378.6	0	26.71	0	0
25/03/2022 18:00	14.07	364731.3	0	26.98	0	0
25/03/2022 19:00	14.07	366981.2	0	26.16	0	0
25/03/2022 20:00	14.08	366540.3	0	25.32	0	0.02
25/03/2022 21:00	14.08	368184.4	0	25.67	0	0.13
25/03/2022 22:00	14.03	369561.1	0	27.11	0	0.13
25/03/2022 23:00	14.03	370445.8	0	26.78	0	0.23
25/03/2022 24:00	14.02	363582.1	0	25.81	0	0.38
26/03/2022 01:00	14.01	352121.8	0	23.76	0	0.31
26/03/2022 02:00	14.01	353885.4	0	23.7	0	0.07
26/03/2022 03:00	14.01	353086.1	0	23.72	0	0.47
26/03/2022 04:00	14	349411.1	0	23.37	0	0.77
26/03/2022 05:00	14	347934.8	0	23.27	0	0.48
26/03/2022 06:00	13.99	341861.9	0	23.07	0	0.7
26/03/2022 07:00	13.99	340644.5	0	23.14	0	0.75
26/03/2022 08:00	14	345278.1	0	23.58	0	0.43
26/03/2022 09:00	14.03	370013.4	0	25.99	0	0.04
26/03/2022 10:00	14.05	367470.5	0	26.37	0	0
26/03/2022 11:00	14.06	365917.4	0	27.54	0	0.63
26/03/2022 12:00	14.1	362780	0	28.56	0	0
26/03/2022 13:00	14.12	360433.3	0	28.85	0	0
26/03/2022 14:00	14.13	360180.2	0	28.81	0	0
26/03/2022 15:00	14.1	361059.1	0	28.02	0	0
26/03/2022 16:00	14.13	357819.3	0	28.55	0	0.01
26/03/2022 17:00	14.12	359127.7	0	28.62	0	0
26/03/2022 18:00	14.1	363001.8	0	28.19	0	0
26/03/2022 19:00	14.11	363072.9	0	28.73	0	0
26/03/2022 20:00	14.14	363323.3	0	27.68	0	0
26/03/2022 21:00	14.11	358132.2	0	26.79	0	0
26/03/2022 22:00	14.08	361460.2	0	27.51	0	0
26/03/2022 23:00	14.07	369037.8	0	27.74	0	0
26/03/2022 24:00	14.04	332632.8	0	27.91	0	0.12
27/03/2022 01:00	14.18	254468.3	24.96	32.11	0.47	0.61
27/03/2022 02:00	<Samp	<Samp	StandBy	<Samp	<Samp	<Samp
27/03/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
27/03/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
27/03/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
27/03/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
27/03/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
27/03/2022 08:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
27/03/2022 09:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
27/03/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
27/03/2022 11:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
27/03/2022 12:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
27/03/2022 13:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
27/03/2022 14:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
27/03/2022 15:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
27/03/2022 16:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
27/03/2022 17:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
27/03/2022 18:00	15.38	205148.8	184.32	47.26	<Samp	0.74
27/03/2022 19:00	14.08	361534.1	0	27.14	0	0
27/03/2022 20:00	14.08	362814.1	0	27.5	0	0
27/03/2022 21:00	14.09	364597.6	0	28.09	0	0
27/03/2022 22:00	14.07	366290	0	26.91	0	0
27/03/2022 23:00	14.07	368346.6	0	27	0	0.03
27/03/2022 24:00	14.03	352266.9	0	25.36	0	0.07
28/03/2022 01:00	14.01	342937.1	0	23.14	0	0.22
28/03/2022 02:00	14	342160.6	0	23.03	0	0.22
28/03/2022 03:00	13.99	340223.5	0	22.73	0	0.2
28/03/2022 04:00	13.98	340308.9	0	22.37	0	0.73
28/03/2022 05:00	13.98	339603.4	0	22.27	0	0.7
28/03/2022 06:00	13.97	334372.5	0	22.09	0	0.72
28/03/2022 07:00	13.98	340681.5	0	22.31	0	0.99
28/03/2022 08:00	14	350443.6	0	23	0	0.72
28/03/2022 09:00	14.03	369905.3	0	26.25	0	0.14
28/03/2022 10:00	14.07	367908.5	0	27.24	0	0
28/03/2022 11:00	14.11	365999.9	0	27.55	0	0.63
28/03/2022 12:00	14.14	363707.3	0	28.19	0	0
28/03/2022 13:00	14.15	361161.5	0	28.41	0	0
28/03/2022 14:00	14.16	359872.9	0	28.19	0	0
28/03/2022 15:00	14.17	357827.8	0	28.42	0	0
28/03/2022 16:00	14.18	357096.8	0	28.81	0	0
28/03/2022 17:00	14.17	357685.6	0	28.8	0	0
28/03/2022 18:00	14.14	361397.6	0	28.41	0	0
28/03/2022 19:00	14.12	361861.2	0	27.76	0	0
28/03/2022 20:00	14.09	363587.8	0	26.88	0	0
28/03/2022 21:00	14.09	365661.4	0	26.35	0	0
28/03/2022 22:00	14.15	366978.4	0	27.01	0	0
28/03/2022 23:00	14.11	367692.3	0	28.11	0	0
28/03/2022 24:00	14.09	362529.7	0	27.13	0	0
29/03/2022 01:00	14.07	348947.4	0	24.33	0	0
29/03/2022 02:00	14.06	352045	0	23.89	0	0
29/03/2022 03:00	14.05	350799.2	0	23.66	0.01	0.04
29/03/2022 04:00	14.04	349504.9	0	23.38	0.02	0.35
29/03/2022 05:00	14.04	346583.7	0	23.05	0.03	0.15
29/03/2022 06:00	14.03	338929.3	0	22.68	0.04	0.06
29/03/2022 07:00	14.03	340453.9	0	22.77	0.04	0.13
29/03/2022 08:00	14.07	349789.4	0	23.92	0.04	0.02
29/03/2022 09:00	14.1	368298.2	0	27.35	0.02	0
29/03/2022 10:00	14.09	366972.7	0	28.22	0	0
29/03/2022 11:00	14.09	365155.1	0	28.42	0	0.63
29/03/2022 12:00	14.12	363144.1	0	29.33	0	0
29/03/2022 13:00	14.13	361226.9	0	29.75	0	0
29/03/2022 14:00	14.12	360470.3	0	29.01	0	0
29/03/2022 15:00	14.13	358786.4	0	28.97	0	0
29/03/2022 16:00	14.14	358794.9	0	29.37	0	0
29/03/2022 17:00	14.14	358612.9	0	29.58	0	0
29/03/2022 18:00	14.12	359104.9	0	29.03	0	0
29/03/2022 19:00	14.11	361414.6	0	29.05	0	0
29/03/2022 20:00	14.1	362831.2	0	28.58	0	0
29/03/2022 21:00	14.09	365431	0	27.72	0	0
29/03/2022 22:00	14.1	366352.6	0	26.85	0	0.01
29/03/2022 23:00	14.05	366975.5	0	27.06	0	0.03
29/03/2022 24:00	14.03	362797	0	26.17	0	0.02
30/03/2022 01:00	14.03	352190.1	0	24.38	0	0.12
30/03/2022 02:00	14.03	352127.5	0	24.41	0	0.11
30/03/2022 03:00	14.03	351097.8	0	24.47	0	0.06
30/03/2022 04:00	14.02	347331.8	0	24.13	0	0.17
30/03/2022 05:00	14.02	346006.3	0	24.04	0	0.21
30/03/2022 06:00	14.01	339330.4	0	23.69	0	0.15
30/03/2022 07:00	14.01	340596.2	0	23.79	0	0.17
30/03/2022 08:00	14.04	350790.6	0	24.79	0	0.08
30/03/2022 09:00	14.05	369697.7	0	27.63	0	0
30/03/2022 10:00	14.06	368235.6	0	27.77	0	0
30/03/2022 11:00	14.07	366642.7	0	28.27	0	0.63
30/03/2022 12:00	14.1	364182.3	0	28.73	0	0
30/03/2022 13:00	14.11	362706	0	29.15	0	0
30/03/2022 14:00	14.11	362885.2	0	28.6	0	0
30/03/2022 15:00	14.12	363491.1	0	29.39	0	0
30/03/2022 16:00	14.11	360279.7	0	28.17	0	0
30/03/2022 17:00	14.1	360512.9	0	27.54	0	0
30/03/2022 18:00	14.11	360828.7	0	27.83	0	0
30/03/2022 19:00	14.08	363690.2	0	27.25	0	0
30/03/2022 20:00	14.07	364665.8	0	27.33	0	0
30/03/2022 21:00	14.07	365806.5	0	27.76	0	0
30/03/2022 22:00	14.07	366361.1	0	26.1	0	0
30/03/2022 23:00	14.05	366102.3	0	26.29	0	0
30/03/2022 24:00	14.02	361283.8	0	25.19	0	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
31/03/2022 01:00	14.02	352668	0	22.91	0	0
31/03/2022 02:00	14.02	354363.3	0	22.7	0	0
31/03/2022 03:00	14.01	353848.4	0	22.82	0	0
31/03/2022 04:00	14	349852	0	22.36	0	0.04
31/03/2022 05:00	13.99	346856.8	0	22.17	0	0.04
31/03/2022 06:00	13.97	341207.7	0	21.63	0	0.05
31/03/2022 07:00	13.97	340644.5	0	21.27	0	0.23
31/03/2022 08:00	13.99	341881.8	0	22.56	0	0.08
31/03/2022 09:00	14.03	365897.5	0	25.15	0	0
31/03/2022 10:00	14.06	363710.1	0	26.61	0	0
31/03/2022 11:00	14.11	362020.5	0	27.89	0	0.63
31/03/2022 12:00	14.12	360669.4	0	28.35	0	0
31/03/2022 13:00	14.14	358544.6	0	28.65	0	0
31/03/2022 14:00	14.13	358049.7	0	28.34	0	0
31/03/2022 15:00	14.16	354920.8	0	29.07	0	0.04
31/03/2022 16:00	14.17	350784.9	0	28.92	0	0.01
31/03/2022 17:00	14.16	354991.9	0	29.03	0	0
31/03/2022 18:00	14.16	356616.1	0	29.22	0	0
31/03/2022 19:00	14.1	359625.5	0	27.86	0	0
31/03/2022 20:00	14.07	362916.5	0	27.15	0	0
31/03/2022 21:00	14.09	364554.9	0	27.14	0	0
31/03/2022 22:00	14.11	366116.5	0	26.64	0	0
31/03/2022 23:00	14.08	365231.9	0	27.39	0	0
31/03/2022 24:00	14.32	329286.4	26.88	32	1.42	0.11
Minimum	13.95	180901	0	20.51	0	0
MinDate	20/03/2022 07:00	15/03/2022 08:00	01/03/2022 09:00	16/03/2022 07:00	01/03/2022 12:00	01/03/2022 09:00
Maximum	16.02	374402.4	184.32	57.86	2	11.18
MaxDate	15/03/2022 08:00	01/03/2022 09:00	27/03/2022 18:00	13/03/2022 18:00	02/03/2022 24:00	18/03/2022 18:00
Avg	14.11	354638.6	3.63	26.99	0.06	0.14
Num	608	608	605	608	608	608
Data[%]	81.7	81.7	81.3	81.7	81.7	81.7
STD	0.2	24948.4	21.8	3.5	1.6	0.5



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
01/04/2022 01:00	14.7	384619.6	2.74	41.2	0	2.47
01/04/2022 02:00	14.68	386991.9	2.84	40.8	0	2.57
01/04/2022 03:00	14.68	386158.5	2.75	39.73	0	2.5
01/04/2022 04:00	14.69	385965	2.69	39.85	0	2.51
01/04/2022 05:00	14.7	385660.7	2.69	39.84	0	3.36
01/04/2022 06:00	14.67	383686.6	2.75	38.96	0	3.8
01/04/2022 07:00	14.67	384522.9	2.7	39.31	0	3.52
01/04/2022 08:00	14.71	383891.4	2.51	41.07	0	2.89
01/04/2022 09:00	14.72	381357	2.44	43.94	0	2.48
01/04/2022 10:00	14.7	336579.8	2.39	39.3	0	2.42
01/04/2022 11:00	14.76	382304.3	2.41	46.26	0	2.35
01/04/2022 12:00	14.77	379576.4	2.41	46.67	0	2.33
01/04/2022 13:00	14.78	378134.3	2.41	46.35	0	2.82
01/04/2022 14:00	14.78	376692.2	2.42	45.83	0	3.02
01/04/2022 15:00	14.79	376683.6	2.44	46.54	0	2.97
01/04/2022 16:00	14.78	377278.1	2.43	46.12	0	2.91
01/04/2022 17:00	14.78	377087.5	2.43	46.09	0	3.19
01/04/2022 18:00	14.75	379383	2.41	45.84	0	3
01/04/2022 19:00	14.74	383407.9	2.43	45.42	0	2.79
01/04/2022 20:00	14.74	385012.2	2.38	45.49	0	3.1
01/04/2022 21:00	14.73	386804.2	2.38	47.94	0	3.09
01/04/2022 22:00	14.73	388064.3	2.38	47.43	0	3.13
01/04/2022 23:00	14.74	388089.8	2.48	46.42	0	2.91
01/04/2022 24:00	14.71	346529.7	2.42	41.2	0.03	2.75
02/04/2022 01:00	14.76	385595.3	2.58	43.55	1.48	2.65
02/04/2022 02:00	14.77	387603.4	2.57	44.81	0.33	2.8
02/04/2022 03:00	14.78	388246.3	2.47	45.19	0	2.99
02/04/2022 04:00	14.78	387250.7	2.44	45.69	0	2.95
02/04/2022 05:00	14.76	386013.4	2.43	45.42	0	2.91
02/04/2022 06:00	14.75	384665.1	2.39	45.09	0	3.06
02/04/2022 07:00	14.75	386605	2.47	45.42	0	3.03
02/04/2022 08:00	14.75	385433.1	2.4	44.9	0	3.2
02/04/2022 09:00	14.76	388223.5	2.39	46.36	0	3.22
02/04/2022 10:00	14.71	348008.8	2.4	42.93	0	2.82
02/04/2022 11:00	14.79	391292.7	2.39	47.19	0	3.15
02/04/2022 12:00	14.79	388994.4	2.38	47.24	0	3.3
02/04/2022 13:00	14.81	389805	2.4	48.22	0	3.43
02/04/2022 14:00	14.81	390527.5	2.4	48.51	0	3.59
02/04/2022 15:00	14.81	389438.1	2.39	48.24	0	3.81
02/04/2022 16:00	14.79	388914.7	2.38	47.67	0	3.72
02/04/2022 17:00	14.77	388436.9	2.39	47.36	0	3.67
02/04/2022 18:00	14.76	384389.2	2.4	46.51	0	3.58
02/04/2022 19:00	14.75	383644	2.41	46.43	0	3.54
02/04/2022 20:00	14.74	383612.7	2.38	46.13	0	3.58
02/04/2022 21:00	14.73	383914.2	2.38	45.93	0	3.67
02/04/2022 22:00	14.72	382295.7	2.36	45.59	0	3.75
02/04/2022 23:00	14.72	382591.5	2.34	45.5	0	3.81
02/04/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
03/04/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/04/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/04/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/04/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/04/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/04/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/04/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/04/2022 08:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/04/2022 09:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/04/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/04/2022 11:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/04/2022 12:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/04/2022 13:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/04/2022 14:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/04/2022 15:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/04/2022 16:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/04/2022 17:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
03/04/2022 18:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
03/04/2022 19:00	14.73	341566.1	2.73	40.23	0.23	3.11
03/04/2022 20:00	14.74	375611.3	2.39	41.07	0.07	3.38
03/04/2022 21:00	14.75	375375.2	2.28	42.05	0.01	3.31
03/04/2022 22:00	14.74	374962.7	2.3	42.09	0	3.22
03/04/2022 23:00	14.75	325759.5	2.22	42.17	0	2.64
03/04/2022 24:00	14.67	352946.7	2.27	38.89	0	2.77
04/04/2022 01:00	14.66	350947.1	2.24	38.82	0	2.43
04/04/2022 02:00	14.66	350821.9	2.22	39.07	0	2.37
04/04/2022 03:00	14.67	350941.4	2.25	39.2	0	2.56
04/04/2022 04:00	14.67	350321.3	2.24	39.28	0	2.83
04/04/2022 05:00	14.66	348765.4	2.23	39.24	0	2.68
04/04/2022 06:00	14.65	346893.8	2.23	39.33	0	2.47
04/04/2022 07:00	14.67	348802.4	2.26	40.05	0	2.47
04/04/2022 08:00	14.7	355464.1	2.27	41.07	0	2.67
04/04/2022 09:00	14.75	367547.3	2.25	42.45	0	2.78
04/04/2022 10:00	14.75	313207	2.19	42.28	0	2.31
04/04/2022 11:00	14.83	389725.4	2.28	48.84	0	2.6
04/04/2022 12:00	14.85	387950.5	2.28	48.96	0	2.58
04/04/2022 13:00	14.81	386417.3	2.33	50.56	0	2.83
04/04/2022 14:00	14.81	383993.8	2.33	50.31	0	2.86
04/04/2022 15:00	14.82	382327	2.35	48.41	0	2.76
04/04/2022 16:00	14.86	382398.1	2.33	47.21	0	2.87
04/04/2022 17:00	14.84	383180.3	2.34	47.75	0	2.72
04/04/2022 18:00	14.85	382216.1	2.33	46.43	0	2.47
04/04/2022 19:00	14.83	381985.7	2.38	45.66	0	2.19
04/04/2022 20:00	14.8	380961.7	2.54	44.5	0	1.96
04/04/2022 21:00	14.79	381664.3	2.44	44.4	0	2.29



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
04/04/2022 22:00	14.79	387700.2	2.36	46.35	0	2.89
04/04/2022 23:00	14.76	386104.4	2.32	44.94	0	3.04
04/04/2022 24:00	14.71	348045.8	2.3	41.02	0	2.65
05/04/2022 01:00	14.72	365971.4	2.44	40.95	0	2.74
05/04/2022 02:00	14.72	366674	2.5	40.85	0	2.59
05/04/2022 03:00	14.73	366602.9	2.46	41.02	0	2.69
05/04/2022 04:00	14.73	364321.7	2.38	41.35	0	2.83
05/04/2022 05:00	14.72	362054.6	2.37	41.36	0	2.77
05/04/2022 06:00	14.7	358513.3	2.34	40.79	0	2.75
05/04/2022 07:00	14.67	357298.7	2.34	40.22	0	2.67
05/04/2022 08:00	14.7	361812.9	2.34	40.8	0	2.7
05/04/2022 09:00	14.76	371418.6	2.35	42.67	0	2.88
05/04/2022 10:00	14.73	304867.1	2.28	39.54	0	2.24
05/04/2022 11:00	14.8	385970.7	2.34	48.16	0	2.77
05/04/2022 12:00	14.84	381590.3	2.36	46.42	0	2.69
05/04/2022 13:00	14.85	380947.4	2.35	46.98	0	2.88
05/04/2022 14:00	14.83	379582.1	2.38	48.21	0	2.77
05/04/2022 15:00	14.84	378048.9	2.39	48.33	0	2.88
05/04/2022 16:00	14.83	379257.8	2.39	48.38	0	2.6
05/04/2022 17:00	14.83	379243.6	2.4	48.18	0	2.72
05/04/2022 18:00	14.81	380495.2	2.39	48.33	0	2.34
05/04/2022 19:00	14.8	380714.2	2.42	47.94	0	2.29
05/04/2022 20:00	14.8	382281.5	2.46	45.72	0	2.04
05/04/2022 21:00	14.8	383208.8	2.53	44.8	0	2.04
05/04/2022 22:00	14.75	385905.3	2.6	46.52	0	1.88
05/04/2022 23:00	14.74	386915.1	2.61	45.48	0	2.01
05/04/2022 24:00	14.71	350810.6	2.54	39.26	0	1.94
06/04/2022 01:00	14.72	369069	2.54	39.21	0	2.37
06/04/2022 02:00	14.72	370741.6	2.55	39.16	0	2.44
06/04/2022 03:00	14.7	370752.9	2.58	38.69	0	2.2
06/04/2022 04:00	14.69	368568.4	2.65	37.79	0	2.28
06/04/2022 05:00	14.66	365843.4	2.78	36.45	0	2
06/04/2022 06:00	14.64	360544.3	2.89	36	0	2.08
06/04/2022 07:00	14.64	359048.1	2.89	35.8	0	2.05
06/04/2022 08:00	14.69	366978.4	2.67	37.2	0	2.03
06/04/2022 09:00	14.73	372977.3	2.53	39.06	0	2.09
06/04/2022 10:00	14.71	313468.7	2.42	34.99	0	1.97
06/04/2022 11:00	14.8	380643.1	2.45	44.5	0	2.03
06/04/2022 12:00	14.82	378165.6	2.42	45.96	0	2.17
06/04/2022 13:00	14.82	374735.2	2.44	45.96	0	2.63
06/04/2022 14:00	14.83	373273.1	2.45	46.23	0	2.93
06/04/2022 15:00	14.82	370636.3	2.46	45.61	0	2.77
06/04/2022 16:00	14.83	370135.7	2.47	45.68	0	2.61
06/04/2022 17:00	14.82	371310.5	2.46	45.74	0	2.43
06/04/2022 18:00	14.82	373631.5	2.45	46.21	0	2.15
06/04/2022 19:00	14.81	376931.1	2.49	46.67	0	2.01
06/04/2022 20:00	14.79	378683.3	2.64	46.1	0	2.51
06/04/2022 21:00	14.77	381539.1	2.57	44.55	0	2.72
06/04/2022 22:00	14.77	380947.4	2.47	42.84	0	2.57
06/04/2022 23:00	14.73	385859.8	2.48	44.96	0	2.68
06/04/2022 24:00	14.71	345329.3	2.42	38.52	0	2.08
07/04/2022 01:00	14.75	372764	2.45	40.25	0	2.32
07/04/2022 02:00	14.74	374319.9	2.53	39.84	0	2.18
07/04/2022 03:00	14.72	372798.1	2.51	38.62	0	2.1
07/04/2022 04:00	14.71	369629.4	2.58	38.17	0	2.36
07/04/2022 05:00	14.7	367621.2	2.46	37.82	0	2.16
07/04/2022 06:00	14.66	362196.9	2.5	36.66	0	2.35
07/04/2022 07:00	14.67	363519.5	2.6	36.67	0	2.36
07/04/2022 08:00	14.74	371390.1	2.51	39.83	0	2.61
07/04/2022 09:00	14.75	367581.4	2.41	40.98	0	2.9
07/04/2022 10:00	14.73	308229.2	2.28	36.16	0	2.3
07/04/2022 11:00	14.81	385791.5	2.38	45.38	0	2.95
07/04/2022 12:00	14.84	383513.1	2.42	45.45	0	2.84
07/04/2022 13:00	14.85	381829.2	2.43	45.99	0	2.65
07/04/2022 14:00	14.83	381135.2	2.49	47.99	0	2.6
07/04/2022 15:00	14.83	379690.2	2.52	48.74	0	2.61
07/04/2022 16:00	14.84	379400.1	2.57	49.34	0	2.77
07/04/2022 17:00	14.84	379681.7	2.58	49.47	0	2.7
07/04/2022 18:00	14.83	380139.6	2.66	49.2	0	2.65
07/04/2022 19:00	14.84	381763.8	2.73	48.23	0	2.63
07/04/2022 20:00	14.85	382318.5	2.65	46.6	0	2.76
07/04/2022 21:00	14.81	381394	2.59	45.39	0	2.65
07/04/2022 22:00	14.79	381911.7	2.57	44.74	0	2.55
07/04/2022 23:00	14.78	386821.2	2.59	45.65	0	2.41
07/04/2022 24:00	14.74	343671	2.53	41.16	0	2.3
08/04/2022 01:00	14.75	367712.3	2.65	41.15	0	2.27
08/04/2022 02:00	14.75	368093.4	2.61	41.31	0	2.21
08/04/2022 03:00	14.74	368554.2	2.62	40.64	0	2.51
08/04/2022 04:00	14.72	365433.8	2.68	39.7	0	2.33
08/04/2022 05:00	14.71	364025.8	2.67	39.64	0	2.72
08/04/2022 06:00	14.69	357375.5	2.67	39.5	0	2.65
08/04/2022 07:00	14.7	358140.7	2.63	39.82	0.13	2.83
08/04/2022 08:00	14.77	366153.5	2.75	41.45	1.89	2.68
08/04/2022 09:00	14.79	369316.5	2.69	42.96	2.59	2.69
08/04/2022 10:00	14.79	304249.8	2.61	40.44	3.1	1.87
08/04/2022 11:00	14.82	387014.6	2.81	49.2	3.19	2.21
08/04/2022 12:00	14.83	384249.8	2.82	49.48	3.15	2.19
08/04/2022 13:00	14.85	381960.1	2.81	49.81	3.06	2.36
08/04/2022 14:00	14.87	379155.4	2.82	49.64	3.01	2.63
08/04/2022 15:00	14.87	378484.2	2.82	49.75	2.95	2.32
08/04/2022 16:00	14.87	378640.6	2.84	49.69	2.85	2.21
08/04/2022 17:00	14.85	380412.7	2.87	49.55	2.81	2.23
08/04/2022 18:00	14.86	380515.1	2.86	49.14	2.76	2.28



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
08/04/2022 19:00	14.84	381655.7	2.96	47.42	2.76	2.22
08/04/2022 20:00	14.86	382432.3	2.97	46.66	2.79	2.44
08/04/2022 21:00	14.87	382915.8	3.01	47.46	2.9	2.59
08/04/2022 22:00	14.85	381314.4	2.94	46.08	2.93	2.73
08/04/2022 23:00	14.8	383922.7	2.93	45.32	2.98	2.48
08/04/2022 24:00	14.74	343779.1	2.92	40.58	2.93	2.01
09/04/2022 01:00	14.77	368036.5	2.88	40.86	3.05	2.35
09/04/2022 02:00	14.76	368608.3	2.96	40.53	3.18	2.22
09/04/2022 03:00	14.74	366910.1	3.04	39.36	3.26	2.04
09/04/2022 04:00	14.71	364574.8	3.24	37.93	3.05	1.72
09/04/2022 05:00	14.7	363417.1	3.06	38.5	0.8	1.84
09/04/2022 06:00	14.68	359392.3	3	37.95	0.13	1.73
09/04/2022 07:00	14.68	358729.5	3.08	38.32	0.04	1.86
09/04/2022 08:00	14.71	363013.2	2.99	39.2	0	1.91
09/04/2022 09:00	14.77	367646.8	2.72	41.07	0	1.92
09/04/2022 10:00	14.79	302620	2.51	39.48	0	1.5
09/04/2022 11:00	14.81	383922.7	2.7	48.37	0	1.89
09/04/2022 12:00	14.85	379710.1	2.67	48.76	0	1.83
09/04/2022 13:00	14.9	377292.3	2.68	47.87	0	2.14
09/04/2022 14:00	14.87	377488.6	2.68	49.47	0	2.31
09/04/2022 15:00	14.86	376106.2	2.71	49.17	0	2.22
09/04/2022 16:00	14.86	375838.8	2.71	49.19	0	2.16
09/04/2022 17:00	14.86	375190.3	2.73	49.14	0	2.12
09/04/2022 18:00	14.84	376680.8	2.73	48.94	0	1.98
09/04/2022 19:00	14.85	378967.7	2.78	47.18	0	1.91
09/04/2022 20:00	14.84	379917.8	3.15	45.45	0	1.85
09/04/2022 21:00	14.81	377957.9	3.18	43.87	0	1.92
09/04/2022 22:00	14.77	371825.3	3	41.71	0	1.9
09/04/2022 23:00	14.75	385253.9	3.05	44.84	0	2.15
09/04/2022 24:00	14.72	370226.7	3.02	40.83	0	2.05
10/04/2022 01:00	14.76	385279.5	3.07	41.47	0	1.83
10/04/2022 02:00	14.74	385191.3	3.24	40.65	0	1.91
10/04/2022 03:00	14.72	384161.7	2.95	39.35	0	1.91
10/04/2022 04:00	14.69	383112.1	2.86	38.4	0	2.04
10/04/2022 05:00	14.68	382546	2.79	37.92	0	2.45
10/04/2022 06:00	14.69	382779.3	2.75	38.5	0	2.5
10/04/2022 07:00	14.69	382676.9	2.7	38.94	0	2.27
10/04/2022 08:00	14.7	382955.6	2.67	39.21	0	2.21
10/04/2022 09:00	14.72	383826	2.62	39.27	0	2.19
10/04/2022 10:00	14.74	385783	2.62	39.29	0	2.12
10/04/2022 11:00	14.77	384466	2.7	43.9	0	2
10/04/2022 12:00	14.77	381823.5	2.72	44.48	0	1.99
10/04/2022 13:00	14.78	379658.9	2.74	44.24	0	2.14
10/04/2022 14:00	14.8	377317.9	2.76	44.33	0	2.37
10/04/2022 15:00	14.81	376239.9	2.79	44.98	0	2.43
10/04/2022 16:00	14.82	375855.9	2.82	45.57	0	2.4
10/04/2022 17:00	14.82	375668.2	2.83	45.51	0	2.25
10/04/2022 18:00	14.76	355410	2.81	41.27	0	1.74
10/04/2022 19:00	14.75	366167.7	2.81	41.22	0	1.79
10/04/2022 20:00	14.75	381732.5	2.8	44.29	0	2.38
10/04/2022 21:00	14.74	382932.9	2.9	44.56	0	2.46
10/04/2022 22:00	14.74	384346.6	2.89	44.81	0	2.46
10/04/2022 23:00	14.72	329696.3	2.82	38.69	0	2.03
10/04/2022 24:00	14.71	368056.4	2.83	36.92	0	2.26
11/04/2022 01:00	14.67	369450.2	2.69	35.24	0	2.69
11/04/2022 02:00	14.67	369017.8	2.74	35.01	0	2.42
11/04/2022 03:00	14.66	367686.6	2.98	35.33	0	2.23
11/04/2022 04:00	14.63	366432.3	2.77	33.82	0	3.15
11/04/2022 05:00	14.63	365223.3	2.63	33.71	0	3.01
11/04/2022 06:00	14.61	359821.8	2.6	33.48	0	2.95
11/04/2022 07:00	14.61	361335	2.63	33.37	0	3.08
11/04/2022 08:00	14.65	369077.6	2.58	34.09	0	2.8
11/04/2022 09:00	14.66	361747.4	2.55	34.31	0	2.33
11/04/2022 10:00	14.66	307754.2	2.5	30.31	0	2.06
11/04/2022 11:00	14.69	382386.7	2.74	38.61	0.35	2.5
11/04/2022 12:00	14.71	380663	2.88	39.24	1.74	2.49
11/04/2022 13:00	14.75	378304.9	2.89	40.76	2.09	2.5
11/04/2022 14:00	14.76	377278.1	2.93	41.24	2.26	2.18
11/04/2022 15:00	14.78	375878.6	2.98	41.66	2.64	2.51
11/04/2022 16:00	14.76	377272.4	2.95	41.09	2.63	2.3
11/04/2022 17:00	14.76	378910.8	2.92	42.28	2.6	2.73
11/04/2022 18:00	14.79	377733.2	2.95	42.9	2.61	2.34
11/04/2022 19:00	14.78	377201.3	2.93	38.83	2.59	2.37
11/04/2022 20:00	14.73	377437.4	2.97	36.67	2.6	2.55
11/04/2022 21:00	14.69	377679.2	2.94	34.97	2.62	2.78
11/04/2022 22:00	14.67	384722	2.91	36.83	2.65	3.32
11/04/2022 23:00	14.68	385370.6	2.84	35.65	2.72	3.55
11/04/2022 24:00	14.63	350901.6	2.85	31.69	2.74	3.48
12/04/2022 01:00	14.65	372453.9	2.9	32.71	2.82	3.18
12/04/2022 02:00	14.64	371262.1	2.89	32.57	2.87	3.15
12/04/2022 03:00	14.63	371011.8	2.78	32.07	2.9	3.45
12/04/2022 04:00	14.63	368741.9	2.83	31.51	2.94	3.56
12/04/2022 05:00	14.63	368918.3	2.73	31.45	2.96	3.55
12/04/2022 06:00	14.62	366480.6	2.78	31.25	3.01	3.64
12/04/2022 07:00	14.62	366315.6	2.77	31.52	3.05	3.57
12/04/2022 08:00	14.64	371731.4	2.78	32.11	3.07	3.66
12/04/2022 09:00	14.66	375944.1	2.74	32.76	3.13	2.86
12/04/2022 10:00	14.68	376999.3	2.86	33.35	3.04	2.79
12/04/2022 11:00	14.75	379977.5	2.85	36.31	2.97	2.67
12/04/2022 12:00	14.78	378154.2	2.86	37.94	2.96	2.62
12/04/2022 13:00	14.8	376737.7	2.9	39.25	2.99	2.74
12/04/2022 14:00	14.81	375562.9	2.93	42.06	2.75	2.81
12/04/2022 15:00	14.81	374106.6	2.88	43.87	1.07	2.81



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
12/04/2022 16:00	14.81	372380	2.84	43.82	0.03	2.78
12/04/2022 17:00	14.81	373236.2	2.85	44.4	0	2.63
12/04/2022 18:00	14.83	370553.8	2.86	41.47	0	2.3
12/04/2022 19:00	14.71	342732.3	2.87	35.35	0	1.66
12/04/2022 20:00	14.69	380205	2.87	39.71	0	1.97
12/04/2022 21:00	14.7	382381	2.85	39.44	0	2.04
12/04/2022 22:00	14.73	383854.5	2.88	38.82	0	2.47
12/04/2022 23:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
12/04/2022 24:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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13/04/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
13/04/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
13/04/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
13/04/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
13/04/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
13/04/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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13/04/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
13/04/2022 11:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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13/04/2022 18:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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15/04/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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16/04/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/04/2022 11:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/04/2022 12:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy



[illegible]



[illegible]



[illegible]



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
28/04/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
28/04/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
28/04/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
28/04/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
28/04/2022 08:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
28/04/2022 09:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
28/04/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
28/04/2022 11:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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29/04/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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29/04/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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29/04/2022 12:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
29/04/2022 13:00	14.4	386624.9	0.57	45.99	1.49	1.89
29/04/2022 14:00	14.38	385990.6	0.55	47.34	1.03	1.88
29/04/2022 15:00	14.37	385188.5	0.58	48.11	0.74	1.92
29/04/2022 16:00	14.37	384505.8	0.57	47.67	0.59	1.74
29/04/2022 17:00	14.36	384881.3	0.58	47.95	0.53	1.82
29/04/2022 18:00	14.37	385103.2	0.61	46.31	0.5	1.83
29/04/2022 19:00	14.39	386178.4	0.65	44.83	0.61	1.78
29/04/2022 20:00	14.36	386653.4	0.75	43.94	0.59	1.76
29/04/2022 21:00	14.37	386141.4	0.81	43.98	0.58	2
29/04/2022 22:00	14.37	386710.3	0.84	44.07	0.58	1.75
29/04/2022 23:00	14.37	385262.5	0.8	43.81	0.8	1.57
29/04/2022 24:00	14.31	351217.3	0.77	38.78	0.75	1.49
30/04/2022 01:00	14.31	368730.6	0.73	39.15	0.8	2.37
30/04/2022 02:00	14.3	371623.3	0.68	38.74	0.84	1.98
30/04/2022 03:00	14.29	370312.1	0.78	38.09	0.85	2.06
30/04/2022 04:00	14.27	367103.5	0.77	37.38	0.89	2.58
30/04/2022 05:00	14.26	366065.3	0.85	37.24	0.92	2.94
30/04/2022 06:00	14.24	362435.8	0.87	36.77	0.92	2.57
30/04/2022 07:00	14.22	360439	0.83	36.24	0.93	2.4
30/04/2022 08:00	14.25	366949.9	0.76	36.63	0.88	2.78
30/04/2022 09:00	14.27	355250.7	0.61	36.84	0.85	2.78
30/04/2022 10:00	14.31	303737.8	0.55	34	0.83	2.12
30/04/2022 11:00	14.38	387028.9	0.56	42.15	0.84	2.13
30/04/2022 12:00	14.37	386218.2	0.57	44.24	0.72	1.79
30/04/2022 13:00	14.37	383917	0.59	44.83	0.61	2.08
30/04/2022 14:00	14.38	382187.6	0.61	44.99	0.56	2.13
30/04/2022 15:00	14.41	381027.1	0.65	46.62	0.59	2.11
30/04/2022 16:00	14.41	380202.2	0.66	46.21	0.54	1.97
30/04/2022 17:00	14.39	381601.7	0.71	45.87	0.54	2.07
30/04/2022 18:00	14.42	381550.5	0.72	44.43	0.58	2.1
30/04/2022 19:00	14.4	379872.3	0.73	43.15	0.56	1.97
30/04/2022 20:00	14.38	379855.2	0.76	42.49	0.65	2.1
30/04/2022 21:00	14.38	380156.7	0.85	42.19	0.69	2.22
30/04/2022 22:00	14.36	380213.6	0.86	41.43	0.68	2.46
30/04/2022 23:00	14.34	379818.2	0.86	40.58	0.73	2.31
30/04/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
Minimum	14.2	268653.2	0.54	30.31	0	1.49
MinDate	28/04/2022 01:00	28/04/2022 03:00	28/04/2022 02:00	11/04/2022 10:00	01/04/2022 01:00	29/04/2022 24:00
Maximum	14.9	391292.7	26.21	50.56	5.7	3.81
MaxDate	09/04/2022 13:00	02/04/2022 11:00	28/04/2022 03:00	04/04/2022 13:00	28/04/2022 03:00	02/04/2022 15:00
Avg	14.7	372388.87	2.45	42.39	0.62	2.51
Num	308	308	307	308	308	309
Data[%]	42.8	42.8	42.6	42.8	42.8	42.9
STD	0.2	19454.6	1.5	5.1	1.3	0.5



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
01/04/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/04/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/04/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/04/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/04/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/04/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/04/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/04/2022 08:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/04/2022 09:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
01/04/2022 10:00	14.43	246025	30.86	48.93	0	0.33
01/04/2022 11:00	14.14	364358.6	0	27.8	0	0.65
01/04/2022 12:00	14.17	363408.6	0	28.55	0	0
01/04/2022 13:00	14.17	361943.7	0	28.4	0	0
01/04/2022 14:00	14.16	360330.9	0	28.12	0	0
01/04/2022 15:00	14.17	360072.1	0	28.85	0	0.01
01/04/2022 16:00	14.16	360407.7	0	28.41	0	0
01/04/2022 17:00	14.16	361437.4	0	28.37	0	0
01/04/2022 18:00	14.13	362700.3	0	27.75	0	0
01/04/2022 19:00	14.11	364956	0	27.13	0	0
01/04/2022 20:00	14.13	367817.5	0	26.92	0	0
01/04/2022 21:00	14.11	369859.8	0	28.27	0	0
01/04/2022 22:00	14.13	370710.3	0	27.44	0	0
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01/04/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
02/04/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
02/04/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
02/04/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
02/04/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
02/04/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
02/04/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
02/04/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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02/04/2022 09:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
02/04/2022 10:00	14.9	236415.8	104.16	48.61	2.96	0.9
02/04/2022 11:00	14.18	376066.4	0	28.21	0	0.65
02/04/2022 12:00	14.19	372146.7	0	28.61	0	0.03
02/04/2022 13:00	14.2	373503.5	0	28.89	0	0.01
02/04/2022 14:00	14.2	373824.9	0	29.04	0	0
02/04/2022 15:00	14.19	372138.2	0	28.8	0	0.01
02/04/2022 16:00	14.16	370667.6	0	28.37	0	0
02/04/2022 17:00	14.14	369637.9	0	28.22	0	0.03
02/04/2022 18:00	14.12	364014.5	0	28.28	0	0.06
02/04/2022 19:00	14.12	362970.6	0	28.3	0	0.07
02/04/2022 20:00	14.1	362637.8	0	28.09	0	0.08
02/04/2022 21:00	14.09	363206.6	0	27.78	0	0.13
02/04/2022 22:00	14.08	361010.7	0	27.64	0	0.19
02/04/2022 23:00	14.09	361514.2	0	27.7	0	0.18
02/04/2022 24:00	14.07	326649.5	0	30.03	0	0.3
03/04/2022 01:00	14.06	354849.7	0	26.71	0	0.26
03/04/2022 02:00	14.07	357372.7	0	26.84	0	0.28
03/04/2022 03:00	14.06	356741.2	0	26.76	0	0.32
03/04/2022 04:00	14.07	355870.8	0	27.1	0	0.27
03/04/2022 05:00	14.06	355415.7	0	26.9	0	0.35
03/04/2022 06:00	14.05	354044.7	0	26.9	0	0.39
03/04/2022 07:00	14.05	353637.9	0	26.95	0	0.39
03/04/2022 08:00	14.06	352625.3	0	26.86	0	0.36
03/04/2022 09:00	14.03	350403.8	0	26.2	0	0.82
03/04/2022 10:00	14.02	349749.6	0	26.02	0	1.16
03/04/2022 11:00	14.04	351427.8	0	26.02	0	0.95
03/04/2022 12:00	14.09	354687.5	0	26.98	0	0.06
03/04/2022 13:00	14.13	357725.4	0	27.91	0	0.09
03/04/2022 14:00	14.15	357372.7	0	28.35	0	0.1
03/04/2022 15:00	14.16	357603.1	0	28.29	0	0.1
03/04/2022 16:00	14.15	357130.9	0	28.32	0	0.08
03/04/2022 17:00	14.13	357193.5	0	27.96	0	0.07
03/04/2022 18:00	14.05	321336.4	0	26.77	0	0.18
03/04/2022 19:00	14.13	310467.7	0	32.22	0	0.3
03/04/2022 20:00	14.09	350773.6	0	26.78	0	0.17
03/04/2022 21:00	14.08	350153.5	0	26.82	0	0.16
03/04/2022 22:00	14.08	350281.5	0	26.78	0	0.18
03/04/2022 23:00	14.11	295643.3	0	33.66	0	0.31
03/04/2022 24:00	14.03	325728.3	0	25.34	0	0.18
04/04/2022 01:00	14.02	323816.8	0	25.54	0	0.14
04/04/2022 02:00	14.03	323535.2	0	25.77	0	0.09
04/04/2022 03:00	14.03	323546.6	0	25.87	0	0.11
04/04/2022 04:00	14.03	322112.9	0	26.08	0	0.17
04/04/2022 05:00	14.03	320889.8	0	26.09	0	0.18
04/04/2022 06:00	14.02	318682.6	0	26.34	0	0.14
04/04/2022 07:00	14.04	321063.3	0	26.83	0	0.14
04/04/2022 08:00	14.07	328990.8	0	26.66	0	0.15
04/04/2022 09:00	14.12	342445	0	27.01	0	0.13
04/04/2022 10:00	14.14	280541.1	0	35.91	0	0.34
04/04/2022 11:00	14.19	368989.4	0	31.07	0	0.73
04/04/2022 12:00	14.21	367905.7	0	31.4	0	0.05
04/04/2022 13:00	14.18	367760.6	0	32.37	0	0.08
04/04/2022 14:00	14.17	365399.7	0	32.65	0	0.08
04/04/2022 15:00	14.18	362432.9	0	31.35	0	0.06
04/04/2022 16:00	14.21	362415.9	0	30.79	0	0.11
04/04/2022 17:00	14.2	363104.3	0	31.19	0	0.06
04/04/2022 18:00	14.2	362475.6	0	30.66	0	0.06
04/04/2022 19:00	14.19	362654.8	0	29.63	0	0.07
04/04/2022 20:00	14.15	359033.8	0	28.67	0	0



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
04/04/2022 21:00	14.13	358996.9	0	28.41	0	0
04/04/2022 22:00	14.15	367174.6	0	29.27	0	0.02
04/04/2022 23:00	14.12	365115.3	0	28.4	0	0.04
04/04/2022 24:00	14.08	321048.6	0	29.34	0	0.18
05/04/2022 01:00	14.08	340613.2	0	26.46	0	0.11
05/04/2022 02:00	14.08	340576.3	0	26.4	0	0.07
05/04/2022 03:00	14.08	340348.7	0	26.75	0	0.07
05/04/2022 04:00	14.09	338110.1	0	26.92	0	0.12
05/04/2022 05:00	14.09	335706.6	0	27.02	0	0.11
05/04/2022 06:00	14.07	332424.1	0	26.66	0	0.11
05/04/2022 07:00	14.06	331957.6	0	26.12	0	0.14
05/04/2022 08:00	14.08	337066.2	0	26.62	0	0.13
05/04/2022 09:00	14.11	346589.4	0	27.79	0	0.14
05/04/2022 10:00	14.12	271451.5	0	35.32	0	0.35
05/04/2022 11:00	14.17	366463.5	0	30.7	0	0.72
05/04/2022 12:00	14.21	361915.3	0	29.37	0	0.05
05/04/2022 13:00	14.23	362108.7	0	29.25	0	0.06
05/04/2022 14:00	14.2	360774.6	0	30.58	0	0.03
05/04/2022 15:00	14.22	358265.8	0	30.84	0	0.09
05/04/2022 16:00	14.21	359022.5	0	30.78	0	0.07
05/04/2022 17:00	14.21	359341	0	30.6	0	0.06
05/04/2022 18:00	14.19	360100.5	0	30.63	0	0.05
05/04/2022 19:00	14.18	359486.1	0	30.2	0	0.06
05/04/2022 20:00	14.17	361423.2	0	28.79	0	0.02
05/04/2022 21:00	14.15	361881.1	0	28.56	0	0.01
05/04/2022 22:00	14.13	363741.4	0	29.06	0	0
05/04/2022 23:00	14.12	366127.9	0	28.22	0	0
05/04/2022 24:00	14.09	325698	0	27.37	0	0.03
06/04/2022 01:00	14.1	346376.1	0	24.84	0	0
06/04/2022 02:00	14.09	347400.1	0	24.78	0	0.01
06/04/2022 03:00	14.07	347391.5	0	24.29	0	0
06/04/2022 04:00	14.06	344845.8	0	23.72	0	0.04
06/04/2022 05:00	14.03	341796.5	0	22.73	0	0
06/04/2022 06:00	14.02	335826	0	22.51	0	0.01
06/04/2022 07:00	14.02	334762.2	0	22.35	0	0
06/04/2022 08:00	14.06	343659.6	0	23.35	0	0
06/04/2022 09:00	14.1	350719.5	0	24.43	0	0.01
06/04/2022 10:00	14.1	282371.1	0	28.66	0	0.24
06/04/2022 11:00	14.17	361167.2	0	28.06	0	0.66
06/04/2022 12:00	14.2	359580	0	29.28	0	0.01
06/04/2022 13:00	14.2	357861.9	0	29.53	0	0.01
06/04/2022 14:00	14.21	356149.6	0	29.76	0	0.05
06/04/2022 15:00	14.21	354917.9	0	29.5	0	0.04
06/04/2022 16:00	14.21	351308.3	0	29.5	0	0.11
06/04/2022 17:00	14.21	352807.3	0	29.4	0	0.02
06/04/2022 18:00	14.2	355703	0	29.59	0	0
06/04/2022 19:00	14.18	357651.4	0	29.58	0	0
06/04/2022 20:00	14.17	360046.5	0	28.78	0	0
06/04/2022 21:00	14.16	362509.8	0	27.48	0	0
06/04/2022 22:00	14.15	361565.4	0	26.68	0	0.01
06/04/2022 23:00	14.11	364398.5	0	27.85	0	0
06/04/2022 24:00	14.1	320589.4	0	26.73	0	0.08
07/04/2022 01:00	14.12	351669.6	0	25.18	0	0
07/04/2022 02:00	14.11	352431.9	0	24.67	0	0
07/04/2022 03:00	14.09	349408.3	0	24.05	0	0
07/04/2022 04:00	14.08	346114.4	0	23.84	0	0.04
07/04/2022 05:00	14.08	344103.3	0	23.78	0	0.02
07/04/2022 06:00	14.04	338152.8	0	22.85	0	0
07/04/2022 07:00	14.04	339341.8	0	22.7	0	0
07/04/2022 08:00	14.1	346740.2	0	24.74	0	0
07/04/2022 09:00	14.11	343184.4	0	26.07	0	0.04
07/04/2022 10:00	14.13	275438.1	0	31.78	0	0.26
07/04/2022 11:00	14.18	366315.6	0	28.17	0	0.66
07/04/2022 12:00	14.21	362899.4	0	28.13	0	0.05
07/04/2022 13:00	14.22	362387.4	0	28.44	0	0.05
07/04/2022 14:00	14.2	361912.4	0	30.03	0	0
07/04/2022 15:00	14.2	360561.3	0	30.74	0	0.01
07/04/2022 16:00	14.21	359764.9	0	31.13	0	0.03
07/04/2022 17:00	14.21	359861.6	0	31.22	0	0.03
07/04/2022 18:00	14.21	361625.1	0	30.43	0	0.01
07/04/2022 19:00	14.21	362236.7	0	29.36	0	0.02
07/04/2022 20:00	14.21	360677.9	0	29.13	0	0.02
07/04/2022 21:00	14.2	361465.8	0	29.18	0	0.01
07/04/2022 22:00	14.18	361448.8	0	29.14	0.01	0.01
07/04/2022 23:00	14.18	367973.9	0	29.4	0.02	0.01
07/04/2022 24:00	14.14	317443.4	0	30.31	0.03	0.09
08/04/2022 01:00	14.13	343958.3	0	27.14	0.04	0.06
08/04/2022 02:00	14.13	344424.8	0	27.38	0.06	0.02
08/04/2022 03:00	14.13	345167.2	0	27.01	0.07	0.01
08/04/2022 04:00	14.11	341364.2	0	26.37	0.1	0.01
08/04/2022 05:00	14.1	339734.3	0	26.25	0.11	0.02
08/04/2022 06:00	14.08	331158.3	0	26.08	0.13	0.08
08/04/2022 07:00	14.09	331863.7	0	26.41	0.13	0.12
08/04/2022 08:00	14.13	340357.2	0	27.46	0.18	0.1
08/04/2022 09:00	14.16	344844.3	0	28.49	0.17	0.12
08/04/2022 10:00	14.19	270414.8	0	37.07	0.13	0.35
08/04/2022 11:00	14.2	366742.3	0	32.28	0.07	0.69
08/04/2022 12:00	14.21	364725.6	0	32.73	0.05	0.02
08/04/2022 13:00	14.23	361875.4	0	33.02	0.02	0.05
08/04/2022 14:00	14.25	359301.2	0	33.09	0.02	0.14
08/04/2022 15:00	14.25	358001.3	0	33.2	0.01	0.02
08/04/2022 16:00	14.25	357836.3	0	33.02	0	0.01



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
08/04/2022 17:00	14.23	358775	0	32.73	0	0
08/04/2022 18:00	14.23	359520.3	0	32.45	0	0.04
08/04/2022 19:00	14.2	360183	0	31.64	0	0.03
08/04/2022 20:00	14.23	362350.5	0	30.71	0	0.01
08/04/2022 21:00	14.24	361792.9	0	30.75	0	0.03
08/04/2022 22:00	14.21	359230.1	0	30.04	0.01	0.03
08/04/2022 23:00	14.18	363115.6	0	29.51	0.02	0.02
08/04/2022 24:00	14.13	316832.8	0	31.01	0.04	0.12
09/04/2022 01:00	14.13	344285.4	0	27.27	0.07	0.03
09/04/2022 02:00	14.13	344615.3	0	26.99	0.09	0.1
09/04/2022 03:00	14.11	342499.1	0	26.33	0.11	0.04
09/04/2022 04:00	14.09	339065.8	0	25.39	0.14	0
09/04/2022 05:00	14.09	338127.2	0	25.61	0.14	0.01
09/04/2022 06:00	14.08	333698.4	0	25.18	0.19	0.03
09/04/2022 07:00	14.08	333613	0	25.43	0.22	0.04
09/04/2022 08:00	14.1	338425.8	0	25.9	0.26	0.02
09/04/2022 09:00	14.15	343104.9	0	27.31	0.19	0.03
09/04/2022 10:00	14.19	268955.2	0	36.6	0.16	0.21
09/04/2022 11:00	14.21	362671.9	0	31.59	0.1	0.66
09/04/2022 12:00	14.24	359087.9	0	32.14	0.09	0.01
09/04/2022 13:00	14.28	356946	0	31.82	0.06	0.02
09/04/2022 14:00	14.26	356800.9	0	32.59	0.03	0.04
09/04/2022 15:00	14.25	355458.4	0	32.48	0.02	0.01
09/04/2022 16:00	14.25	355108.5	0	32.48	0.01	0
09/04/2022 17:00	14.25	354514	0	32.49	0	0.01
09/04/2022 18:00	14.23	355367.3	0	32.07	0	0
09/04/2022 19:00	14.22	358575.9	0	30.87	0	0
09/04/2022 20:00	14.22	359187.4	0	29.6	0	0.01
09/04/2022 21:00	14.2	357748.2	0	28.46	0	0.01
09/04/2022 22:00	14.15	349982.8	0	27.19	0	0
09/04/2022 23:00	14.14	364253.4	0	28.74	0.04	0
09/04/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
10/04/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
10/04/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
10/04/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
10/04/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
10/04/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
10/04/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
10/04/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
10/04/2022 08:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
10/04/2022 09:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
10/04/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
10/04/2022 11:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
10/04/2022 12:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
10/04/2022 13:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
10/04/2022 14:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
10/04/2022 15:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
10/04/2022 16:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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10/04/2022 18:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
10/04/2022 19:00	14.29	300928.9	0	40.83	0	0.04
10/04/2022 20:00	14.15	362051.8	0	26.97	0	0
10/04/2022 21:00	14.15	363155.4	0	27.51	0	0
10/04/2022 22:00	14.15	364287.5	0	27.64	0	0
10/04/2022 23:00	14.12	302258.9	0	29.31	0	0.12
10/04/2022 24:00	14.09	344896.9	0	23.35	0	0
11/04/2022 01:00	14.05	346725.9	0	21.98	0	0.05
11/04/2022 02:00	14.05	347024.6	0	21.81	0.01	0.02
11/04/2022 03:00	14.05	345781.6	0	22.03	0.04	0
11/04/2022 04:00	14.02	343602.7	0	20.94	0.06	0.11
11/04/2022 05:00	14.02	341568.9	0	20.9	0.06	0.15
11/04/2022 06:00	14.01	336073.5	0	20.71	0.07	0.18
11/04/2022 07:00	14.01	337370.6	0	20.61	0.07	0.27
11/04/2022 08:00	14.03	346168.4	0	21.04	0.07	0.18
11/04/2022 09:00	14.05	339149.6	0	22.09	0.07	0.04
11/04/2022 10:00	14.07	274417.5	0	26.02	0.04	0.1
11/04/2022 11:00	14.08	363286.3	0	24.04	0.02	0.72
11/04/2022 12:00	14.1	361434.6	0	24.78	0.01	0
11/04/2022 13:00	14.13	359534.5	0	25.89	0.01	0
11/04/2022 14:00	14.14	358334.1	0	26.1	0	0
11/04/2022 15:00	14.16	356414.1	0	26.57	0	0
11/04/2022 16:00	14.14	357324.3	0	25.79	0	0
11/04/2022 17:00	14.14	359622.6	0	26.27	0	0
11/04/2022 18:00	14.17	357449.5	0	26.72	0	0
11/04/2022 19:00	14.15	358189	0	23.61	0	0
11/04/2022 20:00	14.1	357537.7	0	21.98	0	0
11/04/2022 21:00	14.05	357065.5	0	20.66	0	0
11/04/2022 22:00	14.02	365291.6	0	21.57	0	0.03
11/04/2022 23:00	14.04	366514.7	0	20.59	0	0.09
11/04/2022 24:00	14	326491.6	0	20.52	0	0.22
12/04/2022 01:00	14.01	350298.6	0	19.2	0	0.08
12/04/2022 02:00	14	349297.3	0	19.04	0	0.1
12/04/2022 03:00	13.99	347812.5	0	18.62	0	0.36
12/04/2022 04:00	13.98	345889.7	0	18.19	0	0.38
12/04/2022 05:00	13.98	345536.9	0	18.24	0	0.39
12/04/2022 06:00	13.97	343025.3	0	18.23	0	0.36
12/04/2022 07:00	13.98	342291.4	0	18.7	0	0.46
12/04/2022 08:00	14	349226.2	0	19.67	0	0.47
12/04/2022 09:00	14.03	354468.5	0	20.19	0.04	0.11
12/04/2022 10:00	14.06	356584.8	0	20.63	0.04	0
12/04/2022 11:00	14.13	361130.2	0	22.55	0.04	0.63
12/04/2022 12:00	14.15	359537.3	0	23.77	0.02	0



[illegible]



[illegible]



[illegible]



[illegible]



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
27/04/2022 21:00	StandBy	Maintain	StandBy	StandBy	StandBy	StandBy
27/04/2022 22:00	<Samp		<Samp	<Samp	<Samp	<Samp
27/04/2022 23:00	16.77	361872.6	AboveR	42.97	Calib	1.07
27/04/2022 24:00	16.86	382571.6	AboveR	30.59	Calib	0
28/04/2022 01:00	16.97	383928.4	AboveR	21.66	Calib	0.01
28/04/2022 02:00	17.09	161759.6	AboveR	14.9	Calib	0.26
28/04/2022 03:00	17.19	199050.7	AboveR	9.37	Calib	3.57
28/04/2022 04:00	17.31	371720.1	AboveR	4.84	Calib	0.09
28/04/2022 05:00	17.42	367012.5	AboveR	1.01	Calib	0
28/04/2022 06:00	17.56	365610.2	AboveR	0	Calib	0.09
28/04/2022 07:00	17.68	366705.3	AboveR	0	Calib	0.27
28/04/2022 08:00	17.8	367331.1	AboveR	0	Calib	0.06
28/04/2022 09:00	17.91	374126.5	AboveR	0	Calib	0.1
28/04/2022 10:00	17.93	380003.8	Calib	0.72	Calib	0.01
28/04/2022 11:00	Calib	376586.9	Calib	Calib	Calib	0
28/04/2022 12:00	Calib	375614.1	<Samp	<Samp	Calib	0
28/04/2022 13:00	Calib	374516.2	Calib	Calib	Calib	0
28/04/2022 14:00	13.63	370698.9	<Samp	<Samp	<Samp	0.01
28/04/2022 15:00	13.9	316614.6	0	28.81	2.94	0.01
28/04/2022 16:00	14.19	260370	0	43.76	2.95	0.23
28/04/2022 17:00	13.95	368400.6	0	31.26	2.64	0
28/04/2022 18:00	13.99	378450	0	30.37	2.43	0
28/04/2022 19:00	14	380637.4	0	30.99	2.73	0
28/04/2022 20:00	14	382406.6	0	31.25	2.58	0.01
28/04/2022 21:00	14	392336.6	0	29.93	2.51	0.71
28/04/2022 22:00	13.97	388061.4	0	29.98	2.51	0.99
28/04/2022 23:00	13.96	388755.4	0	30.75	2.85	0.95
28/04/2022 24:00	13.89	339210.9	0	29.33	2.82	0.77
29/04/2022 01:00	13.88	356909	0	26.75	2.94	0.76
29/04/2022 02:00	13.88	357056.9	0	26.37	3.02	0.97
29/04/2022 03:00	13.87	354462.8	0	26.07	3.14	0.57
29/04/2022 04:00	13.87	351629.8	0	26.24	3.17	0.08
29/04/2022 05:00	13.87	349820.7	0	26.45	2.96	0
29/04/2022 06:00	13.85	345357.8	0	25.95	3.14	0
29/04/2022 07:00	13.86	347164	0	25.69	3.28	0.04
29/04/2022 08:00	13.89	356846.5	0	25.93	3.39	0.42
29/04/2022 09:00	13.93	348352.9	0	27.47	3.26	0.39
29/04/2022 10:00	13.93	305825.7	0	33.29	3.44	0.21
29/04/2022 11:00	13.98	390026.9	<Samp	<Samp	<Samp	0
29/04/2022 12:00	13.99	388499.4	0	32.34	0	0
29/04/2022 13:00	14.04	381743.9	0	26.74	0	0
29/04/2022 14:00	14.05	383669.6	0	28.14	0	0
29/04/2022 15:00	14.04	382312.8	0	29.61	0	0
29/04/2022 16:00	Calib	381535	<Samp	<Samp	<Samp	0
29/04/2022 17:00	13.78	381888.9	<Samp	<Samp	<Samp	0
29/04/2022 18:00	14.05	382076.7	0	29.33	1.09	0
29/04/2022 19:00	14.05	380919	0	28.49	1.11	0
29/04/2022 20:00	14.02	381280.3	0	28.01	1.18	0
29/04/2022 21:00	14.02	380611.8	0	28.26	1.28	0.73
29/04/2022 22:00	14.02	381428.2	0	28.13	1.16	0
29/04/2022 23:00	14	379616.3	0	27.77	0.87	0
29/04/2022 24:00	13.95	341702.6	0	28.06	0.98	0.11
30/04/2022 01:00	13.93	361278.1	0	25.94	1.03	0.16
30/04/2022 02:00	13.93	363348.9	0	25.66	1.19	0.13
30/04/2022 03:00	13.92	362526.8	0	25.31	1.22	0.17
30/04/2022 04:00	13.9	358903	0	24.9	1.32	0.31
30/04/2022 05:00	13.89	358123.6	0	24.78	1.42	0.44
30/04/2022 06:00	13.87	353919.5	0	24.58	1.39	0.34
30/04/2022 07:00	13.86	351496.1	0	24.24	1.43	0.36
30/04/2022 08:00	13.88	359013.9	0	24.41	1.47	0.44
30/04/2022 09:00	13.9	346552.4	0	25.72	1.48	0.24
30/04/2022 10:00	13.96	289433.1	0	32.12	1.47	0.26
30/04/2022 11:00	14.02	382637	0	26.7	1.49	0.01
30/04/2022 12:00	14.05	384511.5	0	27.4	1.43	0
30/04/2022 13:00	14.04	382847.5	0	28.35	1.4	0
30/04/2022 14:00	14.03	382437.9	0	29.35	1.31	0
30/04/2022 15:00	14.06	380543.5	0	30.36	1.26	0
30/04/2022 16:00	14.05	379041.7	0	30.07	1.27	0
30/04/2022 17:00	14.05	379761.3	0	29.53	1.29	0
30/04/2022 18:00	14.06	377335	0	28.59	1.28	0
30/04/2022 19:00	14.02	373699.8	0	28.24	1.29	0
30/04/2022 20:00	14.01	373446.6	0	27.91	1.41	0.04
30/04/2022 21:00	14.01	374078.1	0	27.78	1.48	0.68
30/04/2022 22:00	14	374894.5	0	27.51	1.49	0.08
30/04/2022 23:00	13.97	374638.5	0	26.95	1.56	0.11
30/04/2022 24:00	13.94	339017.5	0	27.35	1.63	0.14
Minimum	13.63	161759.6	0	0	0	0
MinDate	28/04/2022 14:00	28/04/2022 02:00	01/04/2022 11:00	28/04/2022 06:00	01/04/2022 10:00	01/04/2022 12:00
Maximum	17.93	392336.6	104.16	48.93	3.44	3.57
MaxDate	28/04/2022 10:00	28/04/2022 21:00	02/04/2022 10:00	01/04/2022 10:00	29/04/2022 10:00	28/04/2022 03:00
Avg	14.22	315597.85	0.45	27.05	0.35	0.14
Num	320	324	303	317	317	324
Data[%]	44.4	45	42.1	44	44	45
STD	0.7	29222.2	6.2	6	2.8	0.3



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
01/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/05/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/05/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/05/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/05/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/05/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/05/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/05/2022 08:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/05/2022 09:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/05/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/05/2022 11:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/05/2022 12:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/05/2022 13:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/05/2022 14:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/05/2022 15:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/05/2022 16:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/05/2022 17:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
01/05/2022 18:00	16.17	232429.3	<Samp	57.38	<Samp	3.13
01/05/2022 19:00	14.39	353294.7	0.56	39.85	0.83	1.73
01/05/2022 20:00	14.34	375400.8	0.63	38.79	0.86	1.91
01/05/2022 21:00	14.33	374504.8	0.7	38.96	0.85	2.1
01/05/2022 22:00	14.3	374968.4	0.66	37.76	0.89	2.17
01/05/2022 23:00	14.28	366309.9	0.61	37.71	0.91	2.96
01/05/2022 24:00	14.29	329699.1	0.6	35.14	0.9	2.46
02/05/2022 01:00	14.29	375733.6	0.65	37.87	0.98	2.16
02/05/2022 02:00	14.28	375551.5	0.65	37.82	1	2.71
02/05/2022 03:00	14.29	376379.3	0.64	38.21	1.09	3.89
02/05/2022 04:00	14.29	375207.3	0.53	39.3	1.08	5.46
02/05/2022 05:00	14.3	375124.9	0.55	39.88	1.11	3.6
02/05/2022 06:00	14.31	375884.3	0.57	40.52	1.18	3.99
02/05/2022 07:00	14.32	375045.2	0.6	41.1	1.15	3.97
02/05/2022 08:00	14.34	378535.3	0.59	42.02	1.22	3.65
02/05/2022 09:00	14.34	376458.9	0.58	41.96	1.23	3.57
02/05/2022 10:00	14.38	378535.3	0.59	43.33	1.24	3.16
02/05/2022 11:00	14.39	379090	0.6	43.94	1.22	2.91
02/05/2022 12:00	14.4	379542.3	0.59	44.15	1.15	2.78
02/05/2022 13:00	14.42	378797	0.59	44.08	1.16	2.71
02/05/2022 14:00	14.43	380850.7	0.58	44.57	1.06	2.77
02/05/2022 15:00	14.42	381118.1	0.57	44.76	1.01	2.99
02/05/2022 16:00	14.4	380637.4	0.57	44.65	1	2.94
02/05/2022 17:00	14.4	381712.6	0.59	45.05	0.93	2.94
02/05/2022 18:00	14.28	334597.2	0.67	40.44	0.94	2.6
02/05/2022 19:00	14.35	358510.5	0.59	42.86	0.98	3.05
02/05/2022 20:00	14.35	371290.6	0.62	43.12	1	3.02
02/05/2022 21:00	14.35	372368.6	0.6	43.6	1.07	3.08
02/05/2022 22:00	14.35	371845.2	0.6	43.21	1.08	3.22
02/05/2022 23:00	14.33	363152.6	0.6	43.09	1.1	3.26
02/05/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
03/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/05/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/05/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/05/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/05/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/05/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/05/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/05/2022 08:00	16.61	219573.3	<Samp	57.65	<Samp	6.47
03/05/2022 09:00	14.34	296683.6	0.54	40.71	1.44	2.82
03/05/2022 10:00	14.41	347027.4	0.52	44.76	1.46	2.95
03/05/2022 11:00	14.43	382034	0.55	45.75	1.39	3.02
03/05/2022 12:00	14.43	382565.9	0.55	46.04	1.27	2.95
03/05/2022 13:00	14.41	382079.5	0.56	45.94	1.27	2.97
03/05/2022 14:00	14.42	383177.5	0.55	46.16	1.24	2.9
03/05/2022 15:00	14.42	383965.4	0.59	46.23	1.25	2.89
03/05/2022 16:00	14.43	385160.1	0.63	46.49	1.21	2.79
03/05/2022 17:00	14.41	383800.4	0.6	46.1	1.17	2.8
03/05/2022 18:00	14.39	378731.6	0.63	45.06	1.18	2.81
03/05/2022 19:00	14.38	377366.3	0.63	44.62	1.19	2.84
03/05/2022 20:00	14.37	377701.9	0.59	44.52	1.15	2.91
03/05/2022 21:00	14.37	379806.8	0.58	44.89	1.19	3.04
03/05/2022 22:00	14.36	379693	0.59	44.79	1.25	3.06
03/05/2022 23:00	14.36	377986.4	0.61	44.44	1.32	2.96
03/05/2022 24:00	14.34	363183.9	0.64	44.61	1.31	2.61
04/05/2022 01:00	14.36	377579.6	0.68	43.96	1.35	2.45
04/05/2022 02:00	14.36	380011.6	0.65	44.41	1.42	2.52
04/05/2022 03:00	14.35	379553.7	0.57	43.97	1.44	2.54
04/05/2022 04:00	14.35	379747.1	0.66	43.86	1.49	2.78
04/05/2022 05:00	14.35	377056.3	0.62	43.62	1.48	2.86
04/05/2022 06:00	14.34	375440.6	0.63	43.1	1.45	2.82
04/05/2022 07:00	14.35	376265.5	0.67	43.23	1.56	2.86
04/05/2022 08:00	14.31	331934.8	0.63	42.14	1.5	2.68
04/05/2022 09:00	14.36	294587.3	0.58	42.13	1.49	2.46
04/05/2022 10:00	14.39	345716.2	0.54	43.8	1.47	2.49
04/05/2022 11:00	14.4	381755.3	0.54	45.42	1.38	2.46
04/05/2022 12:00	14.41	381709.8	0.54	45.35	1.38	2.43
04/05/2022 13:00	14.43	383097.8	0.53	46.04	1.25	2.2
04/05/2022 14:00	14.42	384079.2	0.53	46.37	1.16	1.92
04/05/2022 15:00	14.42	384807.3	0.56	46.51	1.19	2
04/05/2022 16:00	14.44	385834.2	0.57	46.62	1.16	2.46
04/05/2022 17:00	14.44	387011.8	0.58	46.61	1.09	2.18
04/05/2022 18:00	14.42	380025.8	0.6	45.19	1.08	2.11



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
04/05/2022 19:00	14.4	379579.3	0.59	44.33	1.03	1.82
04/05/2022 20:00	14.37	379582.1	0.6	43.73	1.08	1.85
04/05/2022 21:00	14.38	381741	0.64	44.59	1.15	2.32
04/05/2022 22:00	14.37	380930.4	0.6	44.54	1.17	2.51
04/05/2022 23:00	14.37	379883.6	0.68	44.06	1.23	2.6
04/05/2022 24:00	14.75	319491	43.45	52.14	3.11	2.52
05/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/05/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/05/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/05/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/05/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/05/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/05/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/05/2022 08:00	16.46	228299.4	<Samp	44.62	<Samp	3.97
05/05/2022 09:00	14.32	295872.9	0.64	36.7	1.43	1.31
05/05/2022 10:00	14.4	348586.2	0.58	42.48	1.36	1.69
05/05/2022 11:00	14.44	384872.8	0.59	45.07	1.35	1.86
05/05/2022 12:00	14.45	385620.9	0.6	45.7	1.24	1.67
05/05/2022 13:00	14.45	384568.4	0.57	46.99	1.09	2
05/05/2022 14:00	14.41	383584.3	0.62	47.68	1.03	1.85
05/05/2022 15:00	14.41	382961.3	0.63	47.97	0.89	1.76
05/05/2022 16:00	14.41	383430.6	0.63	48.59	0.84	1.63
05/05/2022 17:00	14.41	383609.8	0.64	48.31	0.82	1.5
05/05/2022 18:00	14.44	382366.8	0.62	46.28	0.77	1.34
05/05/2022 19:00	14.44	382972.7	0.69	44.84	0.77	1.47
05/05/2022 20:00	14.42	382773.6	0.65	44.36	0.8	1.38
05/05/2022 21:00	14.42	384377.8	0.95	44.42	0.85	1.56
05/05/2022 22:00	14.38	382295.7	0.74	43.09	0.92	1.74
05/05/2022 23:00	14.38	382156.3	0.75	42.88	0.94	1.88
05/05/2022 24:00	14.29	355600.6	0.87	40.35	0.98	1.65
06/05/2022 01:00	14.37	377639.3	1.01	41.59	1.07	1.59
06/05/2022 02:00	14.36	378711.7	1.01	41.4	1.08	1.73
06/05/2022 03:00	14.35	377653.6	0.88	40.78	1.11	1.79
06/05/2022 04:00	14.35	378191.2	0.94	40.72	1.17	1.74
06/05/2022 05:00	14.33	376316.7	1.02	40	1.18	2.02
06/05/2022 06:00	14.31	374934.3	0.95	39.14	1.24	1.83
06/05/2022 07:00	14.31	375534.5	0.99	39.06	1.21	2.07
06/05/2022 08:00	14.26	338266.6	1	36.08	1.24	2
06/05/2022 09:00	14.31	297539.8	0.85	32.91	1.22	1.33
06/05/2022 10:00	14.34	350005.6	0.75	39.41	1.05	1.52
06/05/2022 11:00	14.37	385993.5	0.68	45.34	1.04	2.11
06/05/2022 12:00	14.36	383786.2	0.7	45.19	0.97	2.32
06/05/2022 13:00	14.36	383498.9	0.69	44.7	0.88	1.98
06/05/2022 14:00	14.36	382799.2	0.7	45.62	0.87	1.77
06/05/2022 15:00	14.37	381590.3	0.71	45.18	0.81	2.01
06/05/2022 16:00	14.38	379752.8	0.71	45.18	0.86	2.11
06/05/2022 17:00	14.37	380415.5	0.78	45.34	0.82	1.67
06/05/2022 18:00	14.37	381206.3	0.76	44.91	0.8	1.66
06/05/2022 19:00	14.35	379698.7	0.68	42.36	0.87	2.44
06/05/2022 20:00	14.34	380791	0.71	42.22	0.89	2.54
06/05/2022 21:00	14.35	383442	0.71	42.41	0.92	2.37
06/05/2022 22:00	14.34	383410.7	0.72	41.93	0.99	2.54
06/05/2022 23:00	14.33	381638.6	0.72	41.25	1.01	2.77
06/05/2022 24:00	14.69	321030.4	41.31	45.45	3.24	2.22
07/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
07/05/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
07/05/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
07/05/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
07/05/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
07/05/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
07/05/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
07/05/2022 08:00	16.38	227697.2	<Samp	40.09	<Samp	5.11
07/05/2022 09:00	14.27	298091.6	0.7	30.69	1.2	1.45
07/05/2022 10:00	14.36	350531.8	0.66	39.1	1.11	1.65
07/05/2022 11:00	14.38	385427.4	0.69	44.5	1.03	1.81
07/05/2022 12:00	14.37	384235.6	0.69	44.67	0.98	1.69
07/05/2022 13:00	14.37	383595.6	0.66	44.21	0.84	1.86
07/05/2022 14:00	14.38	388539.3	0.58	42.76	0.81	2.49
07/05/2022 15:00	14.3	383251.4	0.59	41.4	0.82	4.98
07/05/2022 16:00	14.29	381499.3	0.64	40.7	0.88	6.52
07/05/2022 17:00	14.29	380500.9	0.68	40.44	1.06	7.28
07/05/2022 18:00	14.28	377810	0.64	39.41	1.11	4.83
07/05/2022 19:00	14.29	377471.5	0.69	39.35	1.21	3.22
07/05/2022 20:00	14.3	379607.7	0.69	39.53	1.24	2.32
07/05/2022 21:00	14.3	380651.6	0.72	39.61	1.24	2
07/05/2022 22:00	14.29	381706.9	0.75	39.6	1.3	2.58
07/05/2022 23:00	14.29	380830.8	0.8	39.15	1.3	2.15
07/05/2022 24:00	14.21	356866.4	0.86	37.22	1.34	1.68
08/05/2022 01:00	14.28	375571.4	0.74	37.74	1.37	1.71
08/05/2022 02:00	14.28	375895.7	0.7	37.92	1.42	1.76
08/05/2022 03:00	14.28	375406.5	0.68	38.12	1.48	1.76
08/05/2022 04:00	14.29	375918.5	0.68	38.36	1.49	1.85
08/05/2022 05:00	14.29	374988.3	0.69	38.41	1.52	2.13
08/05/2022 06:00	14.29	375224.4	0.67	38.46	1.5	1.92
08/05/2022 07:00	14.29	375309.8	0.68	38.42	1.49	2.02
08/05/2022 08:00	14.3	374857.5	0.7	38.32	1.49	2.34
08/05/2022 09:00	14.32	376345.1	0.7	38.74	1.46	2.6
08/05/2022 10:00	14.33	376350.8	0.69	39.12	1.42	2.27
08/05/2022 11:00	14.36	377756	0.71	40.04	1.36	2.11
08/05/2022 12:00	14.38	377920.9	0.64	40.5	1.29	1.9



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
08/05/2022 13:00	14.4	379749.9	0.63	40.88	1.17	1.79
08/05/2022 14:00	14.42	379866.6	0.62	41.71	1.06	1.6
08/05/2022 15:00	14.3	374359.7	0.61	39.14	1.01	2.89
08/05/2022 16:00	14.3	375648.3	0.62	38.96	1.02	4.45
08/05/2022 17:00	14.31	376840.1	0.67	39.38	1.06	3.1
08/05/2022 18:00	14.18	325071.2	0.78	35.1	1.1	2.28
08/05/2022 19:00	14.29	361221.2	0.71	37.74	1.16	2.01
08/05/2022 20:00	14.29	374351.2	0.74	38.26	1.24	1.87
08/05/2022 21:00	14.29	374371.1	0.73	38.32	1.23	1.76
08/05/2022 22:00	14.29	374507.6	0.8	38.45	1.25	1.74
08/05/2022 23:00	14.3	365073.9	0.74	38.76	1.32	1.68
08/05/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
09/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
09/05/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
09/05/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
09/05/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
09/05/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
09/05/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
09/05/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
09/05/2022 08:00	16.42	226150.9	<Samp	38.62	<Samp	5.26
09/05/2022 09:00	14.21	300060	0.82	29.25	1.4	1.98
09/05/2022 10:00	14.32	352087.7	0.75	38.5	1.4	2.34
09/05/2022 11:00	14.34	387105.7	0.76	44.58	1.35	2.06
09/05/2022 12:00	14.36	385416.1	0.71	44.79	1.18	1.73
09/05/2022 13:00	14.38	382756.5	0.68	45.39	1.16	1.86
09/05/2022 14:00	14.4	381405.4	0.71	45.92	1.01	1.68
09/05/2022 15:00	14.39	381382.6	0.73	45.74	0.93	1.83
09/05/2022 16:00	14.38	381894.6	0.76	45.23	0.88	1.95
09/05/2022 17:00	14.3	370795.6	0.74	38.99	0.78	3.2
09/05/2022 18:00	14.28	375830.3	0.76	39.45	0.91	4.49
09/05/2022 19:00	14.28	377005	0.82	39.05	1.02	3.03
09/05/2022 20:00	14.28	378137.1	0.96	38.34	1.08	2.79
09/05/2022 21:00	14.29	380958.8	0.89	38.61	1.16	2.71
09/05/2022 22:00	14.29	380973	0.81	38.55	1.14	4
09/05/2022 23:00	14.28	380586.2	0.77	38.61	1.21	3.87
09/05/2022 24:00	14.26	348253.4	0.73	36.61	1.23	3.94
10/05/2022 01:00	14.28	378521.1	0.74	38.03	1.27	3.06
10/05/2022 02:00	14.28	380145.3	0.79	38.27	1.35	2.82
10/05/2022 03:00	14.27	380475.3	0.82	37.94	1.36	3.16
10/05/2022 04:00	14.27	379829.6	0.82	37.74	1.41	2.33
10/05/2022 05:00	14.27	377389	0.84	37.67	1.42	1.93
10/05/2022 06:00	14.26	376225.7	0.83	37.02	1.41	2.73
10/05/2022 07:00	14.26	376111.9	0.79	37.01	1.42	4.46
10/05/2022 08:00	14.21	339737.1	0.79	34.63	1.36	22.98
10/05/2022 09:00	14.27	297440.3	0.64	31.67	1.28	2.99
10/05/2022 10:00	14.31	352147.4	0.67	37.71	1.2	2.88
10/05/2022 11:00	14.34	388521.7	0.73	43.35	1.1	2.72
10/05/2022 12:00	14.35	388354.4	0.71	42.91	0.99	2.91
10/05/2022 13:00	14.3	386164.2	0.7	41.05	0.94	5.66
10/05/2022 14:00	14.3	386300.7	0.69	40.69	1.07	4.28
10/05/2022 15:00	14.33	388021.6	0.74	41.02	1.2	3.02
10/05/2022 16:00	14.35	388106.9	0.75	44.08	1.22	3.05
10/05/2022 17:00	14.35	388923.3	0.78	43.88	1.16	3.22
10/05/2022 18:00	14.35	385959.3	0.78	41.36	1.16	3.22
10/05/2022 19:00	14.33	384107.6	0.81	40.99	1.18	3.29
10/05/2022 20:00	14.32	383103.5	0.79	40.38	1.19	3.45
10/05/2022 21:00	14.32	386795.6	0.85	40.38	1.21	3.96
10/05/2022 22:00	14.31	385828.5	0.81	40.56	1.23	3.25
10/05/2022 23:00	14.31	384628.2	0.78	40.28	1.26	3.3
10/05/2022 24:00	14.59	330707.6	32.76	41.93	3.04	3.45
11/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
11/05/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
11/05/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
11/05/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
11/05/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
11/05/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
11/05/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
11/05/2022 08:00	16.41	223894.7	<Samp	41.05	<Samp	24.34
11/05/2022 09:00	14.22	298834	0.78	29.26	1.33	3.25
11/05/2022 10:00	14.3	351376.6	0.78	37.28	1.27	3.2
11/05/2022 11:00	14.33	388672.9	0.82	43.09	1.22	3.24
11/05/2022 12:00	14.35	387828.2	0.8	43.29	1.12	3.21
11/05/2022 13:00	14.32	385865.5	0.84	43.85	1.06	2.95
11/05/2022 14:00	14.32	386189.8	0.84	43.57	1.01	2.95
11/05/2022 15:00	14.32	385268.2	0.84	43.79	1.02	3.3
11/05/2022 16:00	14.33	384093.4	0.87	44.13	1.01	2.9
11/05/2022 17:00	14.35	382989.8	0.87	44.7	0.99	2.87
11/05/2022 18:00	14.36	385165.8	0.9	42.46	0.95	2.38
11/05/2022 19:00	14.35	383973.9	0.82	41.33	0.98	2.36
11/05/2022 20:00	14.34	384500.2	0.89	40.91	1.03	3.08
11/05/2022 21:00	14.36	387418.6	0.88	41.54	1.05	3.07
11/05/2022 22:00	14.35	386596.5	0.8	41.14	1.1	3.55
11/05/2022 23:00	14.31	386713.1	0.82	41.28	1.12	3.79
11/05/2022 24:00	14.26	375457.7	0.94	41.14	1.17	3.61
12/05/2022 01:00	14.31	379434.2	0.94	38.8	1.23	3.21
12/05/2022 02:00	14.3	380910.5	0.97	39.04	1.29	2.67
12/05/2022 03:00	14.3	380338.7	1.02	38.71	1.37	2.65
12/05/2022 04:00	14.29	378953.5	1.06	38.28	1.37	2.8
12/05/2022 05:00	14.28	376845.8	1.03	37.86	1.37	3.2
12/05/2022 06:00	14.27	376285.4	1.07	37.13	1.45	4.09



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
12/05/2022 07:00	14.27	376433.3	1.06	36.87	1.41	4.33
12/05/2022 08:00	14.23	336867.1	0.98	34.7	1.32	3.16
12/05/2022 09:00	14.28	297736.1	0.84	31.95	1.13	2.76
12/05/2022 10:00	14.36	344805.9	0.84	40.47	1.07	2.85
12/05/2022 11:00	14.36	385583.9	0.88	45.73	0.96	2.84
12/05/2022 12:00	14.37	383345.3	0.89	46.08	0.92	2.87
12/05/2022 13:00	14.37	381706.9	0.88	45.97	0.88	2.99
12/05/2022 14:00	14.37	380660.2	0.9	45.91	0.83	2.88
12/05/2022 15:00	14.37	379932	0.9	45.27	0.87	2.83
12/05/2022 16:00	14.36	379485.4	0.91	45.11	0.77	2.88
12/05/2022 17:00	14.36	379738.6	0.93	45.28	0.78	2.8
12/05/2022 18:00	14.34	383245.8	0.88	43.05	0.83	2.9
12/05/2022 19:00	14.33	383584.3	0.88	41.62	0.85	2.86
12/05/2022 20:00	14.32	383919.9	0.9	41.34	0.89	2.63
12/05/2022 21:00	14.32	386619.3	0.89	41.27	0.96	2.53
12/05/2022 22:00	14.32	387102.8	0.92	40.8	1	2.79
12/05/2022 23:00	14.3	386164.2	0.92	40.34	1.04	2.97
12/05/2022 24:00	14.24	378720.3	1	41.53	1.11	3.06
13/05/2022 01:00	14.3	379229.4	0.95	39.19	1.27	2.9
13/05/2022 02:00	14.31	381766.6	0.98	39.59	1.31	2.81
13/05/2022 03:00	14.3	381490.7	1	39.3	1.29	2.88
13/05/2022 04:00	14.3	380617.5	1.02	39.17	1.28	2.86
13/05/2022 05:00	14.28	378259.4	1.05	38.4	1.31	3.14
13/05/2022 06:00	14.27	376689.3	1.12	37.59	1.36	3.27
13/05/2022 07:00	14.28	377534.1	1.05	38.17	1.38	3.24
13/05/2022 08:00	14.23	346913.7	1.05	36.06	1.77	2.83
13/05/2022 09:00	14.29	295207.3	0.95	32.34	1.77	2.72
13/05/2022 10:00	14.33	348324.5	0.92	38.44	1.64	2.83
13/05/2022 11:00	14.36	387088.6	0.92	43.16	1.57	3.08
13/05/2022 12:00	14.36	384909.8	0.93	43.79	1.48	3.02
13/05/2022 13:00	14.34	382796.3	0.95	44.64	1.47	2.95
13/05/2022 14:00	14.34	382048.3	0.95	44.35	1.48	2.65
13/05/2022 15:00	14.35	380389.9	0.97	44.27	1.33	2.51
13/05/2022 16:00	14.36	379377.3	0.99	44.7	1.28	2.74
13/05/2022 17:00	14.35	380486.6	1.02	44.49	1.31	2.42
13/05/2022 18:00	14.34	380472.4	1.01	44.24	1.27	2.28
13/05/2022 19:00	14.34	382110.8	0.98	42.46	1.31	2.52
13/05/2022 20:00	14.34	383646.8	0.95	40.38	1.37	2.58
13/05/2022 21:00	14.33	385854.1	0.98	40.78	1.53	2.75
13/05/2022 22:00	14.34	385862.6	1.03	41.18	1.47	2.44
13/05/2022 23:00	14.34	384895.5	1.05	41.12	1.53	2.39
13/05/2022 24:00	14.68	322355.6	<Samp	44.01	3.37	2.6
14/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
14/05/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
14/05/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
14/05/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
14/05/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
14/05/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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14/05/2022 08:00	16.15	240291.8	<Samp	39.62	<Samp	4.87
14/05/2022 09:00	14.27	298313.5	0.96	30.78	1.6	2.08
14/05/2022 10:00	14.36	351305.5	0.96	38.42	1.57	2.23
14/05/2022 11:00	14.4	388903.3	0.98	42.87	1.5	2.18
14/05/2022 12:00	14.4	387239.3	0.99	43.65	1.45	2.33
14/05/2022 13:00	14.38	385410.4	1.02	43.81	1.38	2.55
14/05/2022 14:00	14.37	385302.3	1.02	43.38	1.36	2.4
14/05/2022 15:00	14.35	385327.9	1.03	43.94	1.41	2.33
14/05/2022 16:00	14.35	385760.3	1.06	44.19	1.36	2.3
14/05/2022 17:00	14.37	383308.3	1.08	45.48	1.35	2.35
14/05/2022 18:00	14.42	383342.5	1.06	43.78	1.35	1.99
14/05/2022 19:00	14.4	383760.6	1.12	42.47	1.33	1.98
14/05/2022 20:00	14.39	385347.8	1.18	42.34	1.38	1.76
14/05/2022 21:00	14.36	385174.3	1.18	41.07	1.39	1.91
14/05/2022 22:00	14.32	383533	1.17	39.26	1.38	2.21
14/05/2022 23:00	14.3	381763.8	1.27	38.43	1.48	2.37
14/05/2022 24:00	14.72	320627.2	<Samp	44.82	3.26	2.14
15/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/05/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/05/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/05/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/05/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/05/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/05/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/05/2022 08:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/05/2022 09:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/05/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/05/2022 11:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/05/2022 12:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/05/2022 13:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/05/2022 14:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/05/2022 15:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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15/05/2022 17:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
15/05/2022 18:00	16.2	233474.3	<Samp	44.07	<Samp	3.33
15/05/2022 19:00	14.28	361030.6	1.17	34.5	1.39	2.03
15/05/2022 20:00	14.31	382011.3	1.13	38.19	1.41	2.23
15/05/2022 21:00	14.29	381613	1.02	37.96	1.38	2.14
15/05/2022 22:00	14.28	381231.9	1.03	38.06	1.44	2.43
15/05/2022 23:00	14.27	380611.8	1.03	37.92	1.47	2.46
15/05/2022 24:00	14.24	332256.3	1.04	33.63	1.47	2.62



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
16/05/2022 01:00	14.26	378245.2	1.1	36.71	1.56	2.98
16/05/2022 02:00	14.26	378165.6	1.12	36.75	1.62	3.16
16/05/2022 03:00	14.25	377403.3	1.13	36.35	1.67	3.52
16/05/2022 04:00	14.25	377633.7	1.21	36.3	1.7	3.6
16/05/2022 05:00	14.24	377110.3	1.28	36.06	1.86	3.85
16/05/2022 06:00	14.26	377756	1.25	36.74	1.79	3.51
16/05/2022 07:00	14.28	378839.7	1.24	37.66	1.78	3.16
16/05/2022 08:00	14.3	378720.3	1.09	38.54	1.81	2.69
16/05/2022 09:00	14.33	383612.7	1.04	39.88	1.8	2.46
16/05/2022 10:00	14.36	383422.1	1.04	40.58	1.73	2.51
16/05/2022 11:00	14.37	382588.7	1.05	40.2	1.62	2.52
16/05/2022 12:00	14.37	381792.3	1.03	40.3	1.52	2.52
16/05/2022 13:00	14.39	383205.9	1.04	40.81	1.48	2.54
16/05/2022 14:00	14.39	382116.5	1.06	41.72	1.44	2.34
16/05/2022 15:00	14.37	381513.5	1.09	42.65	1.39	2.39
16/05/2022 16:00	14.36	380580.5	1.09	43.01	1.34	2.51
16/05/2022 17:00	14.36	380537.8	1.08	42.36	1.32	2.31
16/05/2022 18:00	14.18	336980.9	1.13	35.25	1.29	2.26
16/05/2022 19:00	14.27	359301.2	1.11	37.74	1.43	2.2
16/05/2022 20:00	14.26	379311.9	1.03	38.15	1.58	2.56
16/05/2022 21:00	14.25	378797	1.01	38.48	1.54	2.89
16/05/2022 22:00	14.25	378353.3	1.02	38.52	1.59	3.02
16/05/2022 23:00	14.25	375964	1.02	39.12	1.68	2.48
16/05/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
17/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
17/05/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
17/05/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
17/05/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
17/05/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
17/05/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
17/05/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
17/05/2022 08:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
17/05/2022 09:00	14.21	298137.1	1.08	29.89	1.86	2.1
17/05/2022 10:00	14.3	343198.8	1.02	37.1	1.52	1.9
17/05/2022 11:00	14.34	387569.3	1.02	42.53	1.08	2.24
17/05/2022 12:00	14.32	387924.9	1.04	42.84	0.94	2.11
17/05/2022 13:00	14.3	384770.4	1.05	43.21	0.95	2.98
17/05/2022 14:00	14.32	382759.3	1.08	43.92	0.87	2.36
17/05/2022 15:00	14.32	382295.7	1.1	43.88	0.81	2.16
17/05/2022 16:00	14.33	381183.5	1.1	44.36	0.88	2.17
17/05/2022 17:00	14.34	380927.5	1.13	45.01	0.85	2.26
17/05/2022 18:00	14.35	381465.1	1.13	45.67	0.89	2.06
17/05/2022 19:00	14.33	384303.9	1.15	42.12	0.86	1.51
17/05/2022 20:00	14.31	384158.8	1.08	41.08	0.92	1.72
17/05/2022 21:00	14.25	382321.3	1.01	39.55	1.05	3.77
17/05/2022 22:00	14.24	382799.2	1	39.28	1.18	4.89
17/05/2022 23:00	14.23	380614.6	0.98	39.28	1.28	4.28
17/05/2022 24:00	14.17	354562.4	1.08	37.06	1.33	4.68
18/05/2022 01:00	14.22	374516.2	1.05	37.62	1.42	7.36
18/05/2022 02:00	14.23	376609.7	1.11	38.3	1.39	6.93
18/05/2022 03:00	14.23	375483.3	1.08	38.01	1.4	5.75
18/05/2022 04:00	14.23	375540.2	1.06	37.65	1.45	6.71
18/05/2022 05:00	14.24	373509.2	1.07	37.47	1.47	5.52
18/05/2022 06:00	14.24	372510.8	1.09	37.42	1.41	4.37
18/05/2022 07:00	14.24	372667.3	1.07	37.36	1.39	4.64
18/05/2022 08:00	14.18	341890.4	1.13	34.79	1.38	5.73
18/05/2022 09:00	14.23	295699.4	1.04	32.35	1.18	3.99
18/05/2022 10:00	14.27	341751	1.03	36.43	1.06	3
18/05/2022 11:00	14.33	388052.9	1.04	41.81	0.94	2.32
18/05/2022 12:00	14.35	387617.7	1.04	42.37	0.87	2.19
18/05/2022 13:00	14.31	387006.1	1.07	42.72	0.89	2.22
18/05/2022 14:00	14.31	384648.1	1.1	43.84	0.94	2.4
18/05/2022 15:00	14.32	383860.2	1.11	44.38	1.31	2.36
18/05/2022 16:00	14.31	384485.9	1.1	43.89	1.5	2.42
18/05/2022 17:00	14.31	386568.1	1.08	44.77	1.56	2.74
18/05/2022 18:00	14.34	383231.5	1.12	42.32	1.61	2.55
18/05/2022 19:00	14.31	378760.1	1.1	40.76	1.56	3.38
18/05/2022 20:00	14.26	378290.7	1.18	39.04	1.6	4.92
18/05/2022 21:00	14.28	381780.9	1.08	39.09	1.65	2.73
18/05/2022 22:00	14.27	381766.6	1.19	38.98	1.73	2.17
18/05/2022 23:00	14.27	381257.5	1.05	38.89	1.76	1.97
18/05/2022 24:00	14.54	332882.6	29.56	40.18	3.24	3.39
19/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
19/05/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
19/05/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
19/05/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
19/05/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
19/05/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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19/05/2022 09:00	14.2	298862.5	1.07	29.43	1.88	2.54
19/05/2022 10:00	14.28	343332.5	1.02	36.35	1.8	2.13
19/05/2022 11:00	14.3	387711.5	1.05	43.03	1.71	2.08
19/05/2022 12:00	14.31	387216.6	1.08	43.35	1.57	1.9
19/05/2022 13:00	14.3	386297.8	1.08	43.09	1.53	1.89
19/05/2022 14:00	14.29	387105.7	1.09	43.26	1.53	2.07
19/05/2022 15:00	14.34	383982.5	1.17	45.3	1.55	2.42
19/05/2022 16:00	14.35	381632.9	1.14	44.98	1.56	2.63
19/05/2022 17:00	14.34	382122.2	1.13	44.68	1.5	2.48
19/05/2022 18:00	14.34	383388	1.18	44.23	1.45	2.36



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
19/05/2022 19:00	14.35	385418.9	1.19	42.83	1.46	2.35
19/05/2022 20:00	14.35	386940.7	1.25	41.42	1.51	2.11
19/05/2022 21:00	14.34	388377.1	1.19	41.3	1.5	2.27
19/05/2022 22:00	14.32	388266.2	1.09	40.55	1.56	2.31
19/05/2022 23:00	14.32	387040.3	1.07	40.26	1.56	2.29
19/05/2022 24:00	14.24	350787.8	1.13	36.54	1.59	2.33
20/05/2022 01:00	14.28	377767.3	1.02	37.76	1.66	2.32
20/05/2022 02:00	14.27	379240.8	1.06	37.93	1.72	2.69
20/05/2022 03:00	14.27	379044.5	1.05	37.64	1.76	2.99
20/05/2022 04:00	14.27	378148.5	1.2	37.5	1.82	3.34
20/05/2022 05:00	14.26	375238.6	1.09	36.92	1.9	3.27
20/05/2022 06:00	14.24	375514.6	1.1	36.25	1.82	4.05
20/05/2022 07:00	14.25	374925.8	1.13	36.24	1.84	3.72
20/05/2022 08:00	14.21	350443.6	1.17	35	1.84	7.7
20/05/2022 09:00	14.23	297696.3	1.11	29.89	1.76	1.78
20/05/2022 10:00	14.29	341586	1.11	36.42	1.67	2.15
20/05/2022 11:00	14.35	384508.7	1.17	45.16	1.64	2.47
20/05/2022 12:00	14.34	383336.8	1.16	44.56	1.55	2.41
20/05/2022 13:00	14.35	381038.5	1.15	44.49	1.49	2.53
20/05/2022 14:00	14.35	380298.9	1.17	44.83	1.41	2.51
20/05/2022 15:00	14.35	380643.1	1.19	44.94	1.38	2.4
20/05/2022 16:00	14.34	381322.9	1.17	44.53	1.41	2.48
20/05/2022 17:00	14.31	382093.8	1.16	43.23	1.41	2.64
20/05/2022 18:00	14.32	382418	1.18	43.91	1.34	2.45
20/05/2022 19:00	14.33	383669.6	1.18	41.57	1.36	2.65
20/05/2022 20:00	14.34	383928.4	1.2	41.5	1.45	2.7
20/05/2022 21:00	14.36	386277.9	1.19	42.5	1.51	2.41
20/05/2022 22:00	14.35	386551	1.14	42.15	1.57	2.64
20/05/2022 23:00	14.35	385194.2	1.16	42.15	1.63	2.59
20/05/2022 24:00	14.64	343075.8	<Samp	43.9	<Samp	2.85
21/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
21/05/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
21/05/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
21/05/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
21/05/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
21/05/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
21/05/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
21/05/2022 08:00	16.65	216654.9	<Samp	38.38	<Samp	<Samp
21/05/2022 09:00	14.23	299383	1.35	29.59	1.92	2.21
21/05/2022 10:00	14.34	342669.8	1.15	38.32	1.81	2.33
21/05/2022 11:00	14.36	386252.3	1.16	44.61	1.73	2.52
21/05/2022 12:00	14.35	386314.9	1.18	44.23	1.66	2.68
21/05/2022 13:00	14.36	385467.3	1.15	42.24	1.65	3.05
21/05/2022 14:00	14.37	385885.4	1.16	41.94	1.64	2.99
21/05/2022 15:00	14.35	386235.3	1.17	43	1.6	2.98
21/05/2022 16:00	14.32	386263.7	1.22	44.02	1.59	2.76
21/05/2022 17:00	14.34	386326.3	1.21	43.39	1.61	2.83
21/05/2022 18:00	14.33	379530.9	1.16	40.6	1.63	3.02
21/05/2022 19:00	14.3	378194	1.17	39.3	1.65	3.72
21/05/2022 20:00	14.32	379639	1.15	40.74	1.73	3.55
21/05/2022 21:00	14.31	382455	1.17	40.49	1.75	3.41
21/05/2022 22:00	14.31	383607	1.18	40.36	1.84	3.24
21/05/2022 23:00	14.31	382147.8	1.16	40.61	1.85	2.71
21/05/2022 24:00	14.29	352070.6	1.19	38.64	1.9	2.6
22/05/2022 01:00	14.25	359375.2	1.24	36.59	1.94	2.88
22/05/2022 02:00	14.26	359764.9	1.24	36.85	2	3
22/05/2022 03:00	14.26	358823.3	1.28	36.65	2.04	2.97
22/05/2022 04:00	14.26	358684	1.33	36.68	2.07	2.67
22/05/2022 05:00	14.23	355065.8	1.41	35.56	2.09	2.12
22/05/2022 06:00	14.21	350756.5	1.44	34.78	2.08	2.55
22/05/2022 07:00	14.21	348222.1	1.43	34.73	2.09	2.91
22/05/2022 08:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
22/05/2022 09:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
22/05/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
22/05/2022 11:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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22/05/2022 13:00	15.01	266328.6	27.53	54.45	2.21	2.96
22/05/2022 14:00	14.23	340980.2	1.28	33	1.67	2.58
22/05/2022 15:00	14.27	349442.4	1.27	36.2	1.69	2.94
22/05/2022 16:00	14.24	339350.3	1.28	36.62	1.64	2.96
22/05/2022 17:00	14.32	360447.5	1.21	38.59	1.68	2.93
22/05/2022 18:00	14.26	342647	1.26	37.76	1.68	2.76
22/05/2022 19:00	14.33	356382.8	1.21	39.56	1.79	2.48
22/05/2022 20:00	14.33	378745.8	1.22	40.38	1.77	2.59
22/05/2022 21:00	14.32	379712.9	1.22	40.34	1.84	2.59
22/05/2022 22:00	14.31	379562.2	1.22	40.03	1.87	2.67
22/05/2022 23:00	14.3	376996.5	1.24	39.93	1.9	2.76
22/05/2022 24:00	14.29	323700.2	1.24	36.54	1.94	2.69
23/05/2022 01:00	14.25	357247.5	1.39	36.29	1.98	2.5
23/05/2022 02:00	14.25	358205.5	1.29	36.19	2.01	2.63
23/05/2022 03:00	14.25	356667.3	1.29	36.03	2.03	2.74
23/05/2022 04:00	14.25	356320.3	1.26	36.01	2.03	2.66
23/05/2022 05:00	14.25	355319	1.28	36.03	2.02	2.81
23/05/2022 06:00	14.23	352363.6	1.29	35.56	2.04	3.04
23/05/2022 07:00	14.24	352412	1.33	35.54	2.06	3.2
23/05/2022 08:00	14.27	334480.6	1.3	35.67	2.09	3.08
23/05/2022 09:00	14.28	298908	1.24	33.07	2.04	2.78
23/05/2022 10:00	14.32	344126.1	1.26	38.64	1.99	2.52
23/05/2022 11:00	14.35	387939.1	1.28	46.06	1.9	3.01
23/05/2022 12:00	14.35	386522.6	1.29	46.22	1.78	2.91



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
23/05/2022 13:00	14.36	385239.7	1.26	46.66	1.69	2.96
23/05/2022 14:00	14.39	382517.6	1.27	47.16	1.69	2.86
23/05/2022 15:00	14.4	382753.7	1.27	47.9	1.59	2.75
23/05/2022 16:00	14.4	382494.8	1.28	47.67	1.55	2.69
23/05/2022 17:00	14.39	383370.9	1.28	47.41	1.51	2.3
23/05/2022 18:00	14.39	384443.3	1.3	48.04	1.52	2.05
23/05/2022 19:00	14.37	386357.6	1.32	47.48	1.52	1.93
23/05/2022 20:00	14.4	387648.9	1.26	45.09	1.59	1.86
23/05/2022 21:00	14.38	390271.5	1.29	44.1	1.65	2.25
23/05/2022 22:00	14.36	390629.9	1.38	43.68	1.72	2.01
23/05/2022 23:00	14.37	389162.2	1.31	43.85	1.74	2.02
23/05/2022 24:00	14.31	352323.8	1.35	39.77	1.67	1.81
24/05/2022 01:00	14.32	372271.9	1.37	39.38	1.77	2.09
24/05/2022 02:00	14.31	373446.6	1.38	39.05	1.79	2.27
24/05/2022 03:00	14.3	371390.1	1.4	38.46	1.81	2.33
24/05/2022 04:00	14.3	369999.2	1.35	38.6	1.84	2.21
24/05/2022 05:00	14.29	366352.6	1.36	38.12	1.88	2.31
24/05/2022 06:00	14.28	362051.8	1.35	37.5	1.9	2.41
24/05/2022 07:00	14.27	362088.8	1.45	37.18	1.93	2.24
24/05/2022 08:00	14.29	337828.5	1.54	36.21	1.91	2.09
24/05/2022 09:00	14.27	301561.8	1.46	32.54	1.82	1.9
24/05/2022 10:00	14.34	344877	1.32	38.6	1.75	2.22
24/05/2022 11:00	14.36	387685.9	1.31	45.94	1.65	2.53
24/05/2022 12:00	14.36	386553.8	1.3	45.53	1.52	2.39
24/05/2022 13:00	14.36	386442.9	1.31	45.5	1.45	2.39
24/05/2022 14:00	14.35	386332	1.35	45.49	1.41	2.42
24/05/2022 15:00	14.35	386175.5	1.33	45.5	1.4	2.34
24/05/2022 16:00	14.36	386258	1.36	46.34	1.41	2.58
24/05/2022 17:00	14.35	387054.5	1.39	46	1.38	2.02
24/05/2022 18:00	14.35	388141	1.26	42.54	1.38	2.33
24/05/2022 19:00	14.37	387501	1.33	43.32	1.51	2.12
24/05/2022 20:00	14.36	386058.9	1.38	43.43	1.57	2.18
24/05/2022 21:00	14.36	389034.2	1.38	43.57	1.61	2.49
24/05/2022 22:00	14.37	390792.1	1.36	43.92	1.66	2.43
24/05/2022 23:00	14.37	389850.6	1.35	44.12	1.74	2.56
24/05/2022 24:00	14.32	352244.2	1.42	40.51	1.73	2.3
25/05/2022 01:00	14.32	370866.7	1.4	39.71	1.74	2.18
25/05/2022 02:00	14.32	373312.9	1.46	39.93	1.78	2.12
25/05/2022 03:00	14.31	372041.5	1.42	39.46	1.83	2.07
25/05/2022 04:00	14.29	369273.8	1.47	38.73	1.84	2.26
25/05/2022 05:00	14.28	366506.2	1.47	38.27	1.86	2.87
25/05/2022 06:00	14.27	359124.9	1.34	37.68	1.9	2.86
25/05/2022 07:00	14.26	360578.4	1.36	37.1	1.9	3.27
25/05/2022 08:00	14.29	337948	1.32	37.67	1.9	2.9
25/05/2022 09:00	14.29	300037.2	1.31	34.48	1.92	2.37
25/05/2022 10:00	14.33	346213.9	1.3	39.48	1.82	2.19
25/05/2022 11:00	14.37	390951.3	1.3	45.67	1.72	2.81
25/05/2022 12:00	14.36	389682.7	1.33	46.66	1.62	2.68
25/05/2022 13:00	14.37	387222.3	1.34	46.94	1.54	2.45
25/05/2022 14:00	14.38	385569.7	1.35	47.03	1.47	2.7
25/05/2022 15:00	14.38	385498.6	1.36	47.38	1.42	2.75
25/05/2022 16:00	14.37	385399	1.37	46.89	1.41	2.67
25/05/2022 17:00	14.37	385703.3	1.38	46.57	1.4	2.36
25/05/2022 18:00	14.37	386622.1	1.39	45.9	1.42	2.39
25/05/2022 19:00	14.37	387159.7	1.43	45.22	1.4	2.12
25/05/2022 20:00	14.35	389020	1.39	43.55	1.43	1.94
25/05/2022 21:00	14.32	386588	1.27	42.32	1.43	2.19
25/05/2022 22:00	14.28	385555.4	1.29	41.26	1.49	6.06
25/05/2022 23:00	14.29	385199.9	1.3	41.14	1.6	4.19
25/05/2022 24:00	14.27	349792.3	1.32	38.63	1.69	3.3
26/05/2022 01:00	14.27	367865.8	1.41	37.74	1.79	3.75
26/05/2022 02:00	14.28	370309.2	1.39	38.39	1.92	3.49
26/05/2022 03:00	14.28	370838.3	1.41	38.16	1.91	3.34
26/05/2022 04:00	14.26	365820.7	1.39	37.38	1.97	3.74
26/05/2022 05:00	14.25	363784.1	1.37	36.86	1.97	3.33
26/05/2022 06:00	14.24	360086.3	1.48	36.14	1.99	3.27
26/05/2022 07:00	14.24	360330.9	1.45	35.91	2.04	3.34
26/05/2022 08:00	14.27	344660.9	1.4	35.72	1.97	2.92
26/05/2022 09:00	14.26	300264.8	1.37	31.92	1.9	2.77
26/05/2022 10:00	14.31	344348	1.34	37.93	1.82	3.01
26/05/2022 11:00	14.33	388601.8	1.35	45.09	1.74	3.39
26/05/2022 12:00	14.34	387708.7	1.33	45.12	1.67	3.18
26/05/2022 13:00	14.35	385757.4	1.33	44.85	1.62	2.92
26/05/2022 14:00	14.36	384832.9	1.34	44.78	1.52	2.53
26/05/2022 15:00	14.36	383140.5	1.36	44.72	1.49	2.44
26/05/2022 16:00	14.36	383265.7	1.37	45.13	1.47	2.52
26/05/2022 17:00	14.35	383888.6	1.37	44.91	1.43	2.79
26/05/2022 18:00	14.35	385615.2	1.36	44.48	1.44	2.63
26/05/2022 19:00	14.35	386892.3	1.36	44.14	1.47	2.55
26/05/2022 20:00	14.37	388599	1.36	42.69	1.55	2.52
26/05/2022 21:00	14.38	389654.3	1.35	43.71	1.62	2.3
26/05/2022 22:00	14.35	389782.3	1.4	42.62	1.63	2.45
26/05/2022 23:00	14.34	387080.1	1.36	41.96	1.65	2.83
26/05/2022 24:00	14.3	356542.1	1.42	39.15	1.7	3.07
27/05/2022 01:00	14.3	371848.1	1.43	38.56	1.76	3.15
27/05/2022 02:00	14.3	372897.7	1.43	38.8	1.85	3.15
27/05/2022 03:00	14.3	372425.5	1.43	38.56	1.9	3.11
27/05/2022 04:00	14.29	369356.3	1.4	38.23	1.92	3.23
27/05/2022 05:00	14.29	366696.8	1.42	38.09	2.01	3.17
27/05/2022 06:00	14.27	363027.4	1.45	37.47	1.98	3.16



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
27/05/2022 07:00	14.27	361957.9	1.42	37.11	2	3.09
27/05/2022 08:00	14.27	340644.5	1.46	35.76	1.95	2.76
27/05/2022 09:00	14.28	299556.5	1.42	32.43	1.89	2.57
27/05/2022 10:00	14.31	344379.3	1.38	37.79	1.82	2.65
27/05/2022 11:00	14.35	386420.2	1.38	45.11	1.74	2.75
27/05/2022 12:00	14.36	385783	1.37	45.51	1.64	2.49
27/05/2022 13:00	14.35	385390.5	1.37	44.97	1.58	2.4
27/05/2022 14:00	14.36	383954	1.39	45.25	1.56	2.48
27/05/2022 15:00	14.36	385441.7	1.37	45.42	1.46	1.8
27/05/2022 16:00	14.39	382400.9	1.42	46.27	1.53	2.13
27/05/2022 17:00	14.39	383396.5	1.42	47.68	1.5	2.24
27/05/2022 18:00	14.38	384616.8	1.43	47.1	1.5	2.39
27/05/2022 19:00	14.37	386957.8	1.43	46.09	1.49	2.11
27/05/2022 20:00	14.39	388362.9	1.46	43.8	1.55	2.31
27/05/2022 21:00	14.38	390137.8	1.41	44.7	1.59	2.71
27/05/2022 22:00	14.38	390979.8	1.4	44.31	1.62	2.73
27/05/2022 23:00	14.38	389082.6	1.42	43.66	1.67	2.58
27/05/2022 24:00	14.33	357893.2	1.43	40.77	1.69	2.33
28/05/2022 01:00	14.31	370661.9	1.44	38.82	1.75	2.15
28/05/2022 02:00	14.31	373918.8	1.51	38.81	1.82	2.72
28/05/2022 03:00	14.3	373842	1.48	38.27	1.87	2.89
28/05/2022 04:00	14.28	370440.1	1.48	37.41	1.91	2.73
28/05/2022 05:00	14.27	368241.3	1.51	37	1.94	2.99
28/05/2022 06:00	14.26	363215.2	1.5	36.64	1.98	3.03
28/05/2022 07:00	14.27	361360.6	1.49	36.69	1.99	2.97
28/05/2022 08:00	14.28	338704.6	1.46	35.88	2.04	2.65
28/05/2022 09:00	14.31	297278.1	1.42	33.12	1.94	2.41
28/05/2022 10:00	14.35	342197.6	1.38	38.18	1.85	2.6
28/05/2022 11:00	14.39	386929.3	1.41	43.67	1.74	2.96
28/05/2022 12:00	14.37	384722	1.44	45.47	1.68	2.78
28/05/2022 13:00	14.37	383948.3	1.45	45.74	1.6	2.56
28/05/2022 14:00	14.38	382856.1	1.44	45.97	1.52	2.36
28/05/2022 15:00	14.38	382352.6	1.45	45.92	1.5	2.57
28/05/2022 16:00	14.37	382258.7	1.46	45.34	1.46	2.23
28/05/2022 17:00	14.33	382881.7	1.38	41.93	1.43	1.78
28/05/2022 18:00	14.29	378990.5	1.43	39.68	1.58	2.97
28/05/2022 19:00	14.28	379459.8	1.49	38.71	1.65	2.59
28/05/2022 20:00	14.3	381004.3	1.47	39.41	1.76	2.63
28/05/2022 21:00	14.32	380907.6	1.46	40.44	1.84	2.38
28/05/2022 22:00	14.31	380298.9	1.43	40.1	1.88	2.71
28/05/2022 23:00	14.31	380182.3	1.46	39.9	1.91	2.8
28/05/2022 24:00	14.3	350514.7	1.44	37.94	1.99	2.52
29/05/2022 01:00	14.26	362290.7	1.51	36.57	1.96	2.73
29/05/2022 02:00	14.26	362666.2	1.53	36.65	1.99	2.76
29/05/2022 03:00	14.26	362506.9	1.52	36.71	2.02	2.74
29/05/2022 04:00	14.25	359562.9	1.53	36.32	2.05	2.48
29/05/2022 05:00	14.25	358342.6	1.54	36.06	2.08	2.66
29/05/2022 06:00	14.25	355438.5	1.52	35.94	2.1	2.6
29/05/2022 07:00	14.24	352184.4	1.51	35.63	2.14	2.6
29/05/2022 08:00	14.26	353296.6	1.51	35.65	2.07	2.7
29/05/2022 09:00	14.29	356297.5	1.49	36.59	1.94	2.68
29/05/2022 10:00	14.3	357719.7	1.48	36.98	1.82	2.48
29/05/2022 11:00	14.31	357091.1	1.48	37.14	1.7	2.65
29/05/2022 12:00	14.33	357022.8	1.47	37.49	1.63	2.71
29/05/2022 13:00	14.34	359514.6	1.47	37.86	1.6	2.58
29/05/2022 14:00	14.35	359599.9	1.47	38.17	1.53	2.49
29/05/2022 15:00	14.36	361699.1	1.48	38.42	1.47	2.48
29/05/2022 16:00	14.37	362333.4	1.49	38.96	1.47	2.66
29/05/2022 17:00	14.38	363078.6	1.5	39.58	1.47	2.53
29/05/2022 18:00	14.37	334258.7	1.51	37.53	1.43	2.43
29/05/2022 19:00	14.4	359636.9	1.51	40.7	1.46	2.2
29/05/2022 20:00	14.38	380096.9	1.5	42.02	1.49	2.6
29/05/2022 21:00	14.39	380324.5	1.49	43.32	1.55	2.47
29/05/2022 22:00	14.36	379644.7	1.53	42.16	1.61	2.41
29/05/2022 23:00	14.34	378213.9	1.58	41.36	1.65	2.37
29/05/2022 24:00	14.3	323609.1	1.54	36.26	1.69	2.32
30/05/2022 01:00	14.27	358499.1	1.56	36.77	1.74	2.14
30/05/2022 02:00	14.28	356941.1	1.58	37.4	1.82	2.3
30/05/2022 03:00	14.27	355347.4	1.61	37.14	1.86	2.51
30/05/2022 04:00	14.26	352872.8	1.61	36.8	1.94	2.62
30/05/2022 05:00	14.25	351911.3	1.61	36.43	1.96	2.65
30/05/2022 06:00	14.24	348728.4	1.63	36.12	2	2.77
30/05/2022 07:00	14.24	351550.1	1.66	35.91	2.07	2.56
30/05/2022 08:00	14.28	338755.8	1.58	36.16	2.05	2.53
30/05/2022 09:00	14.29	298140	1.53	33.61	2	2.11
30/05/2022 10:00	14.33	344228.5	1.49	37.95	1.98	2.23
30/05/2022 11:00	14.37	389318.6	1.5	44.06	1.9	2.42
30/05/2022 12:00	14.36	387188.2	1.52	45.39	1.8	2.21
30/05/2022 13:00	14.36	385660.7	1.52	45.23	1.7	2.29
30/05/2022 14:00	14.36	384167.3	1.54	44.91	1.6	2.24
30/05/2022 15:00	14.36	383095	1.56	44.95	1.59	2.44
30/05/2022 16:00	14.37	382858.9	1.58	45.48	1.6	2.57
30/05/2022 17:00	14.37	382887.3	1.61	45.44	1.52	2.4
30/05/2022 18:00	14.36	383865.8	1.64	45.44	1.5	2
30/05/2022 19:00	14.35	384599.7	1.64	45.4	1.52	1.85
30/05/2022 20:00	14.34	386320.6	1.66	44.52	1.53	1.92
30/05/2022 21:00	14.35	388863.5	1.59	43.21	1.59	2.14
30/05/2022 22:00	14.36	390331.3	1.55	42.87	1.63	2.23
30/05/2022 23:00	14.37	390197.6	1.53	42.18	1.7	2.37
30/05/2022 24:00	14.3	359659.6	1.5	38.3	1.68	2.58



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
31/05/2022 01:00	14.29	373549	1.48	36.8	1.73	2.84
31/05/2022 02:00	14.27	375500.3	1.6	36.47	1.8	2.68
31/05/2022 03:00	14.26	373679.9	1.55	35.76	1.85	2.41
31/05/2022 04:00	14.24	369709	1.57	35.01	1.87	2.33
31/05/2022 05:00	14.23	367564.3	1.65	34.73	1.9	2.37
31/05/2022 06:00	14.21	363283.4	1.82	34.06	1.93	3.12
31/05/2022 07:00	14.22	364000.3	1.76	34.23	1.95	3.16
31/05/2022 08:00	14.29	341125.2	1.6	35.01	1.94	2.32
31/05/2022 09:00	14.29	299579.3	1.55	32.17	1.77	2.37
31/05/2022 10:00	14.33	343480.4	1.57	38.26	1.74	2.31
31/05/2022 11:00	14.36	387512.4	2.16	45.87	1.65	2.63
31/05/2022 12:00	14.37	385723.3	2.24	46.07	1.57	2.65
31/05/2022 13:00	14.38	384693.6	1.62	45.9	1.52	2.39
31/05/2022 14:00	14.37	383331.1	1.63	45.71	1.47	2.33
31/05/2022 15:00	14.38	382344.1	1.63	45.47	1.43	2.45
31/05/2022 16:00	14.37	382779.3	1.64	45.04	1.46	2.33
31/05/2022 17:00	14.36	383149	1.66	45.33	1.46	2.29
31/05/2022 18:00	14.35	385953.7	1.64	42.93	1.47	1.94
31/05/2022 19:00	14.34	385356.3	1.67	41.91	1.5	1.92
31/05/2022 20:00	14.32	384261.2	1.61	41.57	1.57	1.91
31/05/2022 21:00	14.31	384679.3	1.64	40.67	1.62	2.39
31/05/2022 22:00	14.32	386076	1.72	40.54	1.74	2.28
31/05/2022 23:00	14.31	386124.3	1.84	40.09	1.75	2.14
31/05/2022 24:00	14.61	344664.9	<Samp	42.01	<Samp	2.15
Minimum	14.17	216143.4	0.52	29.25	0.77	1.31
MinDate	17/05/2022 24:00	19/05/2022 08:00	03/05/2022 10:00	09/05/2022 09:00	05/05/2022 18:00	05/05/2022 09:00
Maximum	16.69	390979.8	43.45	57.65	3.37	24.34
MaxDate	19/05/2022 08:00	27/05/2022 22:00	04/05/2022 24:00	03/05/2022 08:00	13/05/2022 24:00	11/05/2022 08:00
Avg	14.36	369158	1.36	40.94	1.47	2.78
Num	638	638	624	638	636	638
Data[%]	85.8	85.8	83.9	85.8	85.5	85.8
STD	0.3	27617.8	3.1	4	4.6	1.9



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
01/05/2022 01:00	13.96	367237.2	0	26.25	1.82	0.09
01/05/2022 02:00	13.94	366830.5	0	25.6	1.78	0.14
01/05/2022 03:00	13.92	365524.9	0	24.99	1.8	0.25
01/05/2022 04:00	13.92	365465.1	0	24.83	1.9	0.44
01/05/2022 05:00	13.92	365254.6	0	25.23	1.9	0.38
01/05/2022 06:00	13.9	364133.9	0	25.18	1.96	0.66
01/05/2022 07:00	13.92	364222.1	0	25.77	2	0.27
01/05/2022 08:00	13.9	363183.9	0	25.73	2.11	0.2
01/05/2022 09:00	13.9	362814.1	0	25.54	2.16	0.26
01/05/2022 10:00	13.9	362999	0	25.51	2.2	0
01/05/2022 11:00	13.92	363946.2	0	25.52	2.29	0
01/05/2022 12:00	13.95	365596	0	25.83	2.36	0
01/05/2022 13:00	13.97	365943	0	26.06	2.32	0
01/05/2022 14:00	13.99	367456.3	0	26.11	2.26	0
01/05/2022 15:00	14	368306.7	0	26.2	2.18	0
01/05/2022 16:00	14.01	368878.5	0	26.16	2.14	0
01/05/2022 17:00	14.01	370659.1	0	26.52	2.15	0
01/05/2022 18:00	13.93	317280.3	0	27.6	2.11	0.05
01/05/2022 19:00	14	352514.4	0	28.19	2.11	0.02
01/05/2022 20:00	13.96	368369.3	0	25.58	2.12	0.04
01/05/2022 21:00	13.95	367976.8	0	25.42	2.15	0.73
01/05/2022 22:00	13.92	367982.5	0	24.73	2.16	0.05
01/05/2022 23:00	13.91	358701	0	25.48	2.19	0.23
01/05/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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02/05/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
02/05/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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02/05/2022 13:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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02/05/2022 20:00	13.99	362572.3	0	27.92	2.24	0.2
02/05/2022 21:00	13.99	364011.6	0	28.51	2.33	0.83
02/05/2022 22:00	13.98	362845.4	0	28.46	2.4	0.25
02/05/2022 23:00	13.97	353902.5	0	29.34	2.41	0.31
02/05/2022 24:00	13.99	323455.5	0	35.17	2.54	0.39
03/05/2022 01:00	13.98	364463.9	0	28.89	2.56	0.2
03/05/2022 02:00	13.97	365729.7	0	28.93	2.66	0.26
03/05/2022 03:00	13.97	365735.3	0	28.92	2.73	0.29
03/05/2022 04:00	13.97	365223.3	0	28.97	2.81	0.3
03/05/2022 05:00	13.97	364782.5	0	29.02	2.8	0.28
03/05/2022 06:00	13.97	362936.4	0	29.02	2.89	0.26
03/05/2022 07:00	13.97	362962	0	29.21	2.88	0.21
03/05/2022 08:00	13.93	334327	0	30.67	2.91	0.28
03/05/2022 09:00	14.04	277813.6	0	44.28	2.88	0.53
03/05/2022 10:00	14.04	332836.5	0	35.98	2.86	0.3
03/05/2022 11:00	14.04	372448.3	0	29.84	2.74	0.14
03/05/2022 12:00	14.04	373241.8	0	30.01	2.69	0.1
03/05/2022 13:00	14.03	372883.4	0	29.91	2.6	0.11
03/05/2022 14:00	14.04	373861.9	0	29.79	2.58	0.12
03/05/2022 15:00	14.04	374911.5	0	29.67	2.53	0.12
03/05/2022 16:00	14.05	376350.8	0	29.73	2.54	0.09
03/05/2022 17:00	14.03	374038.3	0	29.74	2.46	0.08
03/05/2022 18:00	14.01	368713.5	0	29.46	2.53	0.12
03/05/2022 19:00	14	367663.9	0	29.35	2.49	0.12
03/05/2022 20:00	13.99	368653.8	0	29.31	2.47	0.15
03/05/2022 21:00	13.99	370397.4	0	29.29	2.52	0.81
03/05/2022 22:00	13.99	370380.3	0	29.22	2.56	0.23
03/05/2022 23:00	13.98	368605.4	0	29.05	2.58	0.21
03/05/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
04/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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04/05/2022 09:00	13.98	279636.9	0	40.44	2.89	0.43
04/05/2022 10:00	14.03	333229	0	34.14	2.92	0.23
04/05/2022 11:00	14.04	373284.5	0	29.02	2.92	0.06
04/05/2022 12:00	14.05	375184.6	0	28.99	2.76	0.11
04/05/2022 13:00	14.06	375716.5	0	29.31	2.71	0.09
04/05/2022 14:00	14.06	377101.8	0	29.36	2.68	0.03
04/05/2022 15:00	14.06	378501.2	0	29.41	2.64	0
04/05/2022 16:00	14.08	380077	0	29.25	2.65	0.06
04/05/2022 17:00	14.06	380847.9	0	29.14	2.6	0.02
04/05/2022 18:00	14.04	372488.1	0	28.88	2.46	0.04



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
04/05/2022 19:00	14.02	371560.8	0	28.42	2.4	0.02
04/05/2022 20:00	14	370986.2	0	28.05	2.49	0.01
04/05/2022 21:00	14.01	373105.3	0	28.33	2.57	0.66
04/05/2022 22:00	14	372826.6	0	28.52	2.59	0.13
04/05/2022 23:00	14	371853.8	0	28.26	2.68	0.16
04/05/2022 24:00	13.95	352446.1	0	28.88	2.72	0.21
05/05/2022 01:00	13.99	366253	0	27.79	2.79	0.08
05/05/2022 02:00	13.98	367609.8	0	27.73	2.85	0.08
05/05/2022 03:00	13.98	367112.1	0	27.65	2.94	0.01
05/05/2022 04:00	13.98	366782.1	0	27.54	2.94	0
05/05/2022 05:00	13.97	364808.1	0	27.37	2.97	0
05/05/2022 06:00	13.97	363909.2	0	27.36	3.02	0
05/05/2022 07:00	13.98	364003.1	0	27.54	3.07	0
05/05/2022 08:00	13.95	320414.8	0	31.01	3.01	0.06
05/05/2022 09:00	14.02	277051.3	0	38.46	3.04	0.11
05/05/2022 10:00	14.04	335882.9	0	32.91	3.01	0.06
05/05/2022 11:00	14.07	378805.6	0	29.05	2.92	0
05/05/2022 12:00	14.08	380788.2	0	29.25	2.82	0
05/05/2022 13:00	14.1	382728.1	0	29.45	2.71	0
05/05/2022 14:00	14.09	383271.3	0	29.91	2.6	0
05/05/2022 15:00	14.07	382975.5	0	30.88	2.5	0
05/05/2022 16:00	14.07	382494.8	0	31.09	2.41	0
05/05/2022 17:00	14.06	382381	0	31.01	2.39	0
05/05/2022 18:00	14.09	379070.1	0	29.53	2.36	0
05/05/2022 19:00	14.07	376854.3	0	28.87	2.31	0
05/05/2022 20:00	14.05	376160.3	0	28.56	2.32	0
05/05/2022 21:00	14.05	378134.3	0	28.55	2.33	0.62
05/05/2022 22:00	14.02	376436.2	0	27.97	2.36	0
05/05/2022 23:00	14.01	376476	0	27.98	2.39	0
05/05/2022 24:00	14.37	311110.7	28.81	38.8	4.02	0.24
06/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
06/05/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
06/05/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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06/05/2022 10:00	14.02	342883.1	0	29.49	2.61	0
06/05/2022 11:00	14.06	386394.6	0	28.13	2.53	0
06/05/2022 12:00	14.05	385097.5	0	28.07	2.43	0.02
06/05/2022 13:00	14.05	384431.9	0	27.68	2.4	0
06/05/2022 14:00	14.02	383089.3	0	29.11	2.34	0
06/05/2022 15:00	14.02	381450.9	0	29.16	2.3	0.01
06/05/2022 16:00	14.03	380261.9	0	29.17	2.33	0
06/05/2022 17:00	14.03	380896.3	0	29.23	2.28	0
06/05/2022 18:00	14.03	378543.9	0	28.62	2.29	0
06/05/2022 19:00	13.98	374331.3	0	27.15	2.19	0.11
06/05/2022 20:00	13.98	375793.3	0	27.01	2.26	0.17
06/05/2022 21:00	13.99	380074.2	0	26.79	2.31	0.73
06/05/2022 22:00	13.98	379667.4	0	26.57	2.34	0.15
06/05/2022 23:00	13.96	377329.3	0	26.29	2.42	0.19
06/05/2022 24:00	13.89	346845.4	0	26.88	2.47	0.17
07/05/2022 01:00	13.96	367570	0	26.34	2.51	0.09
07/05/2022 02:00	13.95	368380.7	0	26.25	2.54	0.06
07/05/2022 03:00	13.94	367706.6	0	25.96	2.65	0.24
07/05/2022 04:00	13.94	367607	0	25.83	2.63	0.45
07/05/2022 05:00	13.93	365621.6	0	25.63	2.64	0.34
07/05/2022 06:00	13.94	365470.8	0	25.95	2.78	0.12
07/05/2022 07:00	13.94	365320.1	0	25.99	2.75	0.06
07/05/2022 08:00	13.9	322835.4	0	27.42	2.78	0.12
07/05/2022 09:00	13.97	281670.6	0	32.7	2.69	0.11
07/05/2022 10:00	14.02	340527.9	0	29.87	2.63	0.02
07/05/2022 11:00	14.06	382469.2	0	28.01	2.56	0
07/05/2022 12:00	14.04	382466.4	0	28.74	2.46	0
07/05/2022 13:00	14.02	381988.5	0	29.04	2.32	0
07/05/2022 14:00	14.02	382856.1	0	27.36	2.2	0.1
07/05/2022 15:00	13.93	374760.8	0	27.03	2.12	1.11
07/05/2022 16:00	13.93	372527.9	0	26.69	2.25	1.99
07/05/2022 17:00	13.92	372226.4	0	26.49	2.34	2.13
07/05/2022 18:00	13.92	370027.6	0	26.12	2.46	1.19
07/05/2022 19:00	13.92	369814.3	0	26.03	2.52	0.28
07/05/2022 20:00	13.93	371944.8	0	26.11	2.57	0.04
07/05/2022 21:00	13.93	373745.3	0	25.87	2.59	0.62
07/05/2022 22:00	13.93	374410.9	0	25.96	2.67	0.05
07/05/2022 23:00	13.93	373148	0	25.87	2.68	0.01
07/05/2022 24:00	14.31	311232.3	27.18	36.14	4.39	0.22
08/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
08/05/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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08/05/2022 11:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
08/05/2022 12:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
08/05/2022 13:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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08/05/2022 15:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
08/05/2022 16:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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08/05/2022 19:00	13.9	354943.5	0	26.83	2.46	0.07
08/05/2022 20:00	13.94	368138.9	0	24.88	2.54	0
08/05/2022 21:00	13.94	368073.5	0	25.2	2.63	0.62
08/05/2022 22:00	13.94	368915.4	0	25.32	2.55	0
08/05/2022 23:00	13.91	362825.5	0	25.56	2.65	0.01
08/05/2022 24:00	13.84	334264.4	0	25.7	2.59	0.01
09/05/2022 01:00	13.92	365604.5	0	25.67	2.65	0
09/05/2022 02:00	13.92	365837.8	0	25.57	2.7	0
09/05/2022 03:00	13.92	364958.8	0	25.39	2.74	0.1
09/05/2022 04:00	13.92	364677.2	0	25.29	2.76	0.32
09/05/2022 05:00	13.91	364247.7	0	25.24	2.82	0.54
09/05/2022 06:00	13.91	364404.2	0	25.2	2.81	0.23
09/05/2022 07:00	13.91	364739.8	0	25.2	2.77	0
09/05/2022 08:00	13.86	325571.8	0	25.97	2.74	0.01
09/05/2022 09:00	13.92	282304.9	0	30.53	2.76	0.08
09/05/2022 10:00	13.98	342618.6	0	28.99	2.85	0.05
09/05/2022 11:00	14.02	385734.6	0	28.21	2.8	0.01
09/05/2022 12:00	14.03	384753.3	0	28.62	2.68	0
09/05/2022 13:00	14.03	382443.6	0	30.09	2.52	0.01
09/05/2022 14:00	14.05	380754	0	30.6	2.48	0.01
09/05/2022 15:00	14.04	380082.7	0	30.44	2.39	0.01
09/05/2022 16:00	14.03	380475.3	0	29.99	2.36	0.01
09/05/2022 17:00	13.93	361366.3	0	26.45	2.21	0.31
09/05/2022 18:00	13.92	367095	0	26.4	2.23	0.54
09/05/2022 19:00	13.92	369134.5	0	25.96	2.37	0.29
09/05/2022 20:00	13.91	370312.1	0	25.49	2.4	0.25
09/05/2022 21:00	13.92	374046.8	0	25.45	2.51	0.7
09/05/2022 22:00	13.92	374226	0	25.56	2.49	0.68
09/05/2022 23:00	13.92	373842	0	25.62	2.51	0.39
09/05/2022 24:00	14.24	317447.2	30.31	33.14	4.2	0.6
10/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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10/05/2022 10:00	13.98	341904.6	0	28.41	2.54	0.18
10/05/2022 11:00	14.01	384746.7	0	27.01	2.41	0.08
10/05/2022 12:00	14	383106.4	0	26.97	2.3	0.02
10/05/2022 13:00	13.94	378623.5	0	26.17	2.16	0.92
10/05/2022 14:00	13.94	377756	0	26.07	2.28	0.2
10/05/2022 15:00	13.98	380623.2	0	26.01	2.43	0
10/05/2022 16:00	14.03	383732.2	0	27.06	2.52	0
10/05/2022 17:00	14.03	384247	0	26.86	2.45	0.08
10/05/2022 18:00	13.99	378048.9	0	26.27	2.43	0.15
10/05/2022 19:00	13.97	375474.7	0	26.36	2.43	0.19
10/05/2022 20:00	13.96	375389.4	0	25.95	2.4	0.24
10/05/2022 21:00	13.95	378865.3	0	25.77	2.46	0.93
10/05/2022 22:00	13.95	378060.3	0	25.78	2.44	0.4
10/05/2022 23:00	13.94	375995.3	0	25.8	2.49	0.38
10/05/2022 24:00	13.91	339688.8	0	26.87	2.48	0.44
11/05/2022 01:00	13.93	365689.8	0	25.07	2.55	0.38
11/05/2022 02:00	13.93	368301	0	25.2	2.57	0.49
11/05/2022 03:00	13.92	368258.4	0	25.14	2.58	0.44
11/05/2022 04:00	13.91	366611.4	0	24.69	2.62	0.41
11/05/2022 05:00	13.9	364725.6	0	24.46	2.66	0.71
11/05/2022 06:00	13.9	363681.7	0	24.63	2.65	1.04
11/05/2022 07:00	13.91	364207.9	0	24.88	2.68	0.86
11/05/2022 08:00	13.86	326260.2	0	25.91	2.64	0.81
11/05/2022 09:00	13.91	280598.3	0	30.61	2.57	0.55
11/05/2022 10:00	13.96	340664.4	0	27.73	2.54	0.27
11/05/2022 11:00	14.01	383709.4	0	26.43	2.46	0.17
11/05/2022 12:00	14.02	382560.3	0	26.72	2.39	0.2
11/05/2022 13:00	14	382856.1	0	27.48	2.31	0.17
11/05/2022 14:00	14	382978.4	0	27.21	2.31	0.08
11/05/2022 15:00	13.99	381960.1	0	27.8	2.22	0.17
11/05/2022 16:00	13.98	381405.4	0	28.63	2.17	0.1
11/05/2022 17:00	14	380264.8	0	29.12	2.27	0.14
11/05/2022 18:00	14.01	378890.9	0	27.24	2.17	0.11
11/05/2022 19:00	13.98	375619.8	0	26.73	2.14	0.17
11/05/2022 20:00	13.97	376103.3	0	26.55	2.2	0.32
11/05/2022 21:00	13.98	379548	0	26.54	2.23	0.85
11/05/2022 22:00	13.96	378376.1	0	26.43	2.27	0.45
11/05/2022 23:00	13.94	373807.9	0	25.74	2.33	0.56
11/05/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
12/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
12/05/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
12/05/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
12/05/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
12/05/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
12/05/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
12/05/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
12/05/2022 08:00	15.95	210506.2	<Samp	37.72	<Samp	1.84
12/05/2022 09:00	13.92	288915.4	0	29.11	2.45	0.34
12/05/2022 10:00	13.98	347417.1	0	26.81	2.3	0.16
12/05/2022 11:00	14.03	388311.7	0	28.75	2.24	0.08
12/05/2022 12:00	14.03	386932.2	0	29.06	2.18	0.1
12/05/2022 13:00	14.03	385802.9	0	29.04	2.21	0.13
12/05/2022 14:00	14.03	384184.4	0	29	2.22	0.14
12/05/2022 15:00	14.03	383954	0	28.4	2.25	0.14
12/05/2022 16:00	14.02	383661	0	28.18	2.13	0.12
12/05/2022 17:00	14.02	383424.9	0	28.23	2.11	0.12
12/05/2022 18:00	13.99	384113.3	0	26.26	2.12	0.08
12/05/2022 19:00	13.96	381795.1	0	25.35	2.02	0.23
12/05/2022 20:00	13.96	382696.8	0	25.16	2.08	0.17
12/05/2022 21:00	13.95	385197	0	24.91	2.17	0.79
12/05/2022 22:00	13.95	385353.5	0	24.66	2.21	0.3
12/05/2022 23:00	13.94	384073.5	0	24.42	2.24	0.32
12/05/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
13/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
13/05/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
13/05/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
13/05/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
13/05/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
13/05/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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13/05/2022 09:00	13.91	285709.8	0	30.34	2.59	0.46
13/05/2022 10:00	14	343810.4	0	28.05	2.43	0.19
13/05/2022 11:00	14.04	388158.1	0	25.93	2.35	0.1
13/05/2022 12:00	14.05	387341.8	0	26.22	2.34	0.09
13/05/2022 13:00	14.02	385737.5	0	27.01	2.28	0.08
13/05/2022 14:00	14	385416.1	0	27.43	2.28	0.12
13/05/2022 15:00	14.01	383476.2	0	27.53	2.18	0.07
13/05/2022 16:00	14.02	382656.9	0	27.75	2.07	0.08
13/05/2022 17:00	14.01	383823.2	0	27.53	2.08	0.07
13/05/2022 18:00	14.01	383558.6	0	27.09	2.17	0.02
13/05/2022 19:00	14.02	383808.9	0	25.39	2.18	0.03
13/05/2022 20:00	13.97	382099.4	0	24.66	2.16	0.07
13/05/2022 21:00	13.97	384946.7	0	24.74	2.33	0.76
13/05/2022 22:00	13.97	383911.3	0	24.98	2.22	0.14
13/05/2022 23:00	13.96	383186	0	24.96	2.22	0.17
13/05/2022 24:00	13.88	361292.3	0	24.84	2.3	0.23
14/05/2022 01:00	13.94	370681.8	0	24.47	2.42	0.23
14/05/2022 02:00	13.95	373091.1	0	24.85	2.43	0.21
14/05/2022 03:00	13.95	372829.4	0	24.86	2.41	0.2
14/05/2022 04:00	13.93	372636	0	24.4	2.5	0.3
14/05/2022 05:00	13.92	369783	0	24.09	2.52	0.3
14/05/2022 06:00	13.92	368878.5	0	24.34	2.68	0.28
14/05/2022 07:00	13.92	369566.8	0	24.07	2.51	0.28
14/05/2022 08:00	13.89	328512.9	0	26	2.51	0.25
14/05/2022 09:00	13.97	282762.9	0	32.68	2.44	0.36
14/05/2022 10:00	14	341367	0	28.79	2.26	0.22
14/05/2022 11:00	14.03	383951.2	0	26.38	2.15	0.06
14/05/2022 12:00	14.05	384400.6	0	26.75	2.12	0.05
14/05/2022 13:00	14.06	383291.3	0	26.59	2.07	0.02
14/05/2022 14:00	14.04	383646.8	0	26.68	2.08	0.05
14/05/2022 15:00	14.03	383626.9	0	26.81	2.1	0.01
14/05/2022 16:00	14.04	384002.4	0	26.5	2.09	0.03
14/05/2022 17:00	14.06	383271.3	0	27.35	2.12	0.07
14/05/2022 18:00	14.06	379260.7	0	26.87	2	0.05
14/05/2022 19:00	14.03	378652	0	26.51	2.03	0.04
14/05/2022 20:00	14.02	380014.5	0	26.31	2.05	0.02
14/05/2022 21:00	13.98	379994.6	0	25.72	2.05	0.66
14/05/2022 22:00	13.95	377332.2	0	24.78	2.07	0.15
14/05/2022 23:00	13.93	375998.1	0.02	24.53	2.09	0.22
14/05/2022 24:00	13.88	358652.7	0	23.96	2.05	0.19
15/05/2022 01:00	13.92	370144.3	0	23.73	2.21	0.04
15/05/2022 02:00	13.92	371060.2	0	23.94	2.24	0.04
15/05/2022 03:00	13.91	370565.2	0	23.82	2.25	0.2
15/05/2022 04:00	13.91	369965	0	23.64	2.27	0.29
15/05/2022 05:00	13.88	368938.2	0	23.04	2.31	0.24
15/05/2022 06:00	13.87	368685	0	22.89	2.3	0.58
15/05/2022 07:00	13.87	368690.7	0	22.67	2.33	0.73
15/05/2022 08:00	13.89	370522.6	0	22.54	2.32	0.39
15/05/2022 09:00	13.9	372362.9	0	22.7	2.37	0.21
15/05/2022 10:00	13.97	376945.3	0	24.39	2.31	0.1
15/05/2022 11:00	14.02	377471.5	0	25.8	2.25	0.02
15/05/2022 12:00	14.03	376552.8	0	25.83	2.17	0.05
15/05/2022 13:00	14.05	377969.3	0	26.12	2.05	0.03
15/05/2022 14:00	14.02	376248.4	0	25.94	1.94	0
15/05/2022 15:00	14.03	377943.7	0	25.78	1.91	0
15/05/2022 16:00	14.03	377847	0	25.79	1.97	0.02
15/05/2022 17:00	14.05	379001.8	0	26.13	1.97	0.03
15/05/2022 18:00	13.88	317760.9	0	25.06	1.88	0.07
15/05/2022 19:00	13.95	349234.7	0	26.4	1.94	0.18
15/05/2022 20:00	13.92	374837.6	0	24.26	2.02	0.25
15/05/2022 21:00	13.91	374866	0	24.05	1.91	0.31
15/05/2022 22:00	13.91	373998.5	0	24.29	1.97	1.04
15/05/2022 23:00	13.9	374007	0	24.21	2.03	0.45
15/05/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
16/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/05/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/05/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/05/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/05/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/05/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/05/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/05/2022 08:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/05/2022 09:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/05/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/05/2022 11:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/05/2022 12:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/05/2022 13:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/05/2022 14:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/05/2022 15:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
16/05/2022 16:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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16/05/2022 18:00	15.93	198587.3	<Samp	45.31	<Samp	1.02
16/05/2022 19:00	13.91	350907.1	0	26.57	1.97	0.23
16/05/2022 20:00	13.91	374817.7	0	23.27	2.09	0.29
16/05/2022 21:00	13.9	373608.8	0	23.73	2.01	0.5
16/05/2022 22:00	13.9	372530.7	0	23.89	2.16	1.21
16/05/2022 23:00	13.89	370260.9	0	24.27	2.14	0.43
16/05/2022 24:00	13.89	318474.9	0	28.69	2.25	0.65
17/05/2022 01:00	13.89	368551.3	0	24.01	2.26	0.76
17/05/2022 02:00	13.9	370041.8	0	24.37	2.33	0.46
17/05/2022 03:00	13.9	370465.7	0	24.38	2.37	0.37
17/05/2022 04:00	13.9	369618	0	24.26	2.51	0.33
17/05/2022 05:00	13.89	367373.8	0	24.09	2.51	0.3
17/05/2022 06:00	13.88	367436.3	0	24	2.55	0.55
17/05/2022 07:00	13.88	367675.3	0	24.01	2.53	0.61
17/05/2022 08:00	13.84	338360.4	0	24.76	2.45	0.9
17/05/2022 09:00	13.91	284333	0	31.16	2.47	0.39
17/05/2022 10:00	13.94	335959.7	0	28.7	1.99	0.18
17/05/2022 11:00	13.97	387063	0	26.85	1.18	0.06
17/05/2022 12:00	13.95	389608.8	0	27.22	1.01	0.05
17/05/2022 13:00	13.95	389150.8	0	27.48	1.02	0.2
17/05/2022 14:00	13.96	387549.4	0	28.41	0.86	0.11
17/05/2022 15:00	13.96	386078.8	0	28.58	0.81	0.01
17/05/2022 16:00	13.97	385225.5	0	28.9	0.83	0.03
17/05/2022 17:00	13.98	385074.7	0	29.24	0.74	0.01
17/05/2022 18:00	13.99	385071.9	0	29.68	0.75	0.05
17/05/2022 19:00	13.96	384309.6	0	26.98	0.75	0
17/05/2022 20:00	13.93	382116.5	0	26.46	0.86	0.05
17/05/2022 21:00	13.87	378876.7	0	26.03	0.89	0.71
17/05/2022 22:00	13.86	378640.6	0	25.92	1.03	1.12
17/05/2022 23:00	13.86	376626.7	0	25.97	1.1	0.1
17/05/2022 24:00	14.18	320410.7	22.9	34.26	2.58	0.78
18/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
18/05/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
18/05/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
18/05/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
18/05/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
18/05/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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18/05/2022 09:00	13.84	288210	0	31.05	1.08	0.6
18/05/2022 10:00	13.92	337160.1	0	28.88	0.88	0.36
18/05/2022 11:00	13.97	388997.2	0	26.37	0.78	0.18
18/05/2022 12:00	13.98	388135.3	0	26.84	0.64	0.17
18/05/2022 13:00	13.98	389691.3	0	26.57	0.6	0.2
18/05/2022 14:00	13.98	389099.6	0	27.33	0.62	0.27
18/05/2022 15:00	13.97	388001.7	0	27.98	1.25	0.15
18/05/2022 16:00	13.98	388476.7	0	26.9	1.67	0.12
18/05/2022 17:00	14	389384.1	0	26.84	1.77	0.31
18/05/2022 18:00	13.99	383826	0	25.78	1.83	0.25
18/05/2022 19:00	13.94	376854.3	0	25.64	1.81	0.45
18/05/2022 20:00	13.89	376359.3	0	24.65	1.91	1.15
18/05/2022 21:00	13.91	380159.5	0	24.57	1.98	0.21
18/05/2022 22:00	13.9	380901.9	0	24.25	2.08	0.62
18/05/2022 23:00	13.91	380816.6	0	24.34	2.15	0.01
18/05/2022 24:00	13.87	342371.1	0	25.54	2.2	0.18
19/05/2022 01:00	13.89	369709	0	23.73	2.29	0.49
19/05/2022 02:00	13.89	372030.1	0	24.03	2.36	0.69
19/05/2022 03:00	13.88	371745.7	0	23.86	2.39	0.75
19/05/2022 04:00	13.89	370408.8	0	23.92	2.46	0.99
19/05/2022 05:00	13.88	368210	0	23.74	2.4	1.22
19/05/2022 06:00	13.88	367126.3	0	23.62	2.35	1.31
19/05/2022 07:00	13.88	367322.6	0	23.57	2.36	1.09
19/05/2022 08:00	13.82	343070.8	0	23.68	2.34	1.07
19/05/2022 09:00	13.9	285462.3	0	29.85	2.32	0.71
19/05/2022 10:00	13.93	337831.3	0	27.3	2.28	0.33
19/05/2022 11:00	13.98	389947.3	0	25.67	2.26	0.19
19/05/2022 12:00	13.98	389873.3	0	26.25	2.17	0.2
19/05/2022 13:00	13.96	389017.1	0	26.25	2.03	0.22
19/05/2022 14:00	13.97	389594.6	0	26.09	2.06	0.23
19/05/2022 15:00	13.99	387088.6	0	28.37	2.01	0.23
19/05/2022 16:00	14	385404.7	0	28.29	2.08	0.23
19/05/2022 17:00	14	384926.8	0	28.11	2.02	0.21
19/05/2022 18:00	14	385467.3	0	27.04	1.98	0.21



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
19/05/2022 19:00	14	384736.3	0	25.84	1.92	0.26
19/05/2022 20:00	13.98	384403.4	0	25.44	1.92	0.28
19/05/2022 21:00	13.96	385677.8	0	25.27	1.88	0.36
19/05/2022 22:00	13.94	384932.5	0	24.86	1.95	1.01
19/05/2022 23:00	13.94	384466	0	24.91	2.02	0.44
19/05/2022 24:00	14.19	329257.9	22.91	30.55	3.31	0.69
20/05/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
20/05/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
20/05/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
20/05/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
20/05/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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20/05/2022 09:00	13.86	288320.9	0	26.22	2.18	0.48
20/05/2022 10:00	13.96	335277	0	26.53	2.12	0.28
20/05/2022 11:00	14.01	383732.2	0	28.19	2.07	0.15
20/05/2022 12:00	14	382674	0	27.89	2.01	0.12
20/05/2022 13:00	14	381453.8	0	27.9	1.97	0.15
20/05/2022 14:00	14.01	380506.6	0	28.18	1.87	0.12
20/05/2022 15:00	14.01	380970.2	0	28.11	1.83	0.13
20/05/2022 16:00	13.99	380825.1	0	27.81	1.83	0.15
20/05/2022 17:00	13.97	381482.2	0	26.99	1.84	0.19
20/05/2022 18:00	13.99	381869	0	27.01	1.78	0.23
20/05/2022 19:00	13.98	379946.2	0	25.42	1.87	0.25
20/05/2022 20:00	13.97	379317.6	0	25.64	1.92	0.28
20/05/2022 21:00	13.98	381419.6	0	26.05	1.98	0.24
20/05/2022 22:00	13.98	381456.6	0	25.84	2.08	0.92
20/05/2022 23:00	13.97	379866.6	0	25.97	2.1	0.32
20/05/2022 24:00	13.93	372920.4	0	26.52	2.11	0.32
21/05/2022 01:00	13.95	368451.8	0	25.47	2.11	0.33
21/05/2022 02:00	13.95	371481.1	0	25.37	2.17	0.36
21/05/2022 03:00	13.95	371771.3	0	25.33	2.31	0.38
21/05/2022 04:00	13.94	370172.7	0	24.97	2.33	0.33
21/05/2022 05:00	13.92	367089.3	0	24.48	2.36	0.39
21/05/2022 06:00	13.9	366375.3	0	24.1	2.31	0.44
21/05/2022 07:00	13.89	366392.4	0	23.72	2.33	0.75
21/05/2022 08:00	13.85	333823.5	0	24.33	2.34	0.72
21/05/2022 09:00	13.93	281966.5	0	30.3	2.34	0.57
21/05/2022 10:00	14	332520.8	0	28.86	2.27	0.31
21/05/2022 11:00	14.04	383865.8	0	26.73	2.17	0.2
21/05/2022 12:00	14.03	383035.3	0	26.45	2.08	0.16
21/05/2022 13:00	13.99	380401.3	0	25.95	2.03	0.19
21/05/2022 14:00	14	379678.8	0	25.87	1.99	0.24
21/05/2022 15:00	14.01	382324.2	0	26.03	2	0.2
21/05/2022 16:00	14.01	383945.5	0	26.07	1.95	0.21
21/05/2022 17:00	14.01	382782.1	0	26.04	1.94	0.2
21/05/2022 18:00	13.96	372294.6	0	25.59	1.92	0.25
21/05/2022 19:00	13.93	369930.9	0	24.93	1.97	0.63
21/05/2022 20:00	13.94	372587.6	0	25.63	2.03	0.47
21/05/2022 21:00	13.93	374735.2	0	25.52	2.05	0.55
21/05/2022 22:00	13.93	376367.9	0	25.38	2.16	1.27
21/05/2022 23:00	13.94	374021.2	0	25.51	2.19	0.41
21/05/2022 24:00	13.91	342157.7	0	27.84	2.27	0.52
22/05/2022 01:00	13.86	348503.7	0	23.92	2.24	0.51
22/05/2022 02:00	13.89	348663	0	24.4	2.32	0.54
22/05/2022 03:00	13.89	348060	0	24.33	2.29	0.52
22/05/2022 04:00	13.89	347101.4	0	24.38	2.36	0.48
22/05/2022 05:00	13.86	343099.3	0	23.85	2.33	0.37
22/05/2022 06:00	13.84	338269.4	0	23.56	2.38	0.49
22/05/2022 07:00	13.84	335766.3	0	23.81	2.38	0.62
22/05/2022 08:00	13.84	338624.9	0	24.17	2.45	0.54
22/05/2022 09:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
22/05/2022 10:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
22/05/2022 11:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
22/05/2022 12:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
22/05/2022 13:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
22/05/2022 14:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
22/05/2022 15:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
22/05/2022 16:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
22/05/2022 17:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
22/05/2022 18:00	15.8	212096.3	364.58	43.67	<Samp	1.68
22/05/2022 19:00	13.95	346231	0	27.38	2.08	0.37
22/05/2022 20:00	13.97	369438.8	0	24.88	2.07	0.35
22/05/2022 21:00	13.96	369649.3	0	25.08	2.11	0.41
22/05/2022 22:00	13.95	368963.8	0	24.9	2.18	1.04
22/05/2022 23:00	13.94	366833.3	0	25	2.18	0.45
22/05/2022 24:00	13.94	308943.2	0	30.18	2.29	0.63
23/05/2022 01:00	13.89	343898.6	0	24.51	2.33	0.48
23/05/2022 02:00	13.88	344816.5	0	24.33	2.3	0.47
23/05/2022 03:00	13.87	343255.7	0	24.23	2.31	0.54
23/05/2022 04:00	13.88	342775	0	24.32	2.33	0.55
23/05/2022 05:00	13.87	342203.3	0	24.41	2.32	0.56
23/05/2022 06:00	13.86	338451.4	0	24.3	2.34	0.67
23/05/2022 07:00	13.86	338428.7	0	24.24	2.34	0.73
23/05/2022 08:00	13.91	319956.9	0	27.62	2.37	0.75
23/05/2022 09:00	13.94	281986.4	0	31.03	2.36	0.64
23/05/2022 10:00	13.99	332608.9	0	28.86	2.32	0.37
23/05/2022 11:00	14.03	383396.5	0	28.46	2.2	0.16
23/05/2022 12:00	14.01	381823.5	0	29.38	2.08	0.16



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
23/05/2022 13:00	14.02	380358.6	0	29.7	2	0.17
23/05/2022 14:00	14.04	378259.4	0	30.39	1.99	0.14
23/05/2022 15:00	14.05	377824.3	0	30.8	1.98	0.12
23/05/2022 16:00	14.05	377559.7	0	30.74	1.97	0.11
23/05/2022 17:00	14.05	378048.9	0	30.51	1.88	0.05
23/05/2022 18:00	14.05	379420	0	30.6	1.91	0.05
23/05/2022 19:00	14.06	381422.5	0	28.63	1.9	0.04
23/05/2022 20:00	14.03	378674.7	0	27.87	1.86	0.01
23/05/2022 21:00	14.01	381194.9	0	27	1.94	0.06
23/05/2022 22:00	13.99	381064.1	0	26.48	2.04	0.75
23/05/2022 23:00	13.99	379767	0	27.05	2.09	0.15
23/05/2022 24:00	13.95	340857.8	0	28.06	2.02	0.25
24/05/2022 01:00	13.95	361545.5	0	25.33	2.01	0.21
24/05/2022 02:00	13.94	362250.9	0	25.16	2.05	0.21
24/05/2022 03:00	13.93	360015.2	0	25	2.16	0.26
24/05/2022 04:00	13.93	359042.4	0	25.39	2.15	0.29
24/05/2022 05:00	13.92	354667.6	0	25.32	2.2	0.34
24/05/2022 06:00	13.91	349408.3	0	25.27	2.26	0.38
24/05/2022 07:00	13.9	349382.6	0	25.1	2.25	0.35
24/05/2022 08:00	13.93	324698.6	0	28.09	2.28	0.41
24/05/2022 09:00	13.94	285760.9	0	29.63	2.2	0.44
24/05/2022 10:00	13.99	333923.1	0	28.81	2.14	0.25
24/05/2022 11:00	14.01	382924.3	0	29.64	2.03	0.14
24/05/2022 12:00	14.01	382793.5	0	29.37	1.9	0.15
24/05/2022 13:00	14.01	382147.8	0	29.4	1.82	0.13
24/05/2022 14:00	14	381906	0	29.4	1.77	0.13
24/05/2022 15:00	14	381991.3	0	29.37	1.73	0.17
24/05/2022 16:00	14.01	381704.1	0	29.95	1.68	0.13
24/05/2022 17:00	14	382648.4	0	29.58	1.66	0.11
24/05/2022 18:00	13.97	378862.5	0	27.25	1.62	0.2
24/05/2022 19:00	14	377829.9	0	27.45	1.7	0.13
24/05/2022 20:00	13.99	376988	0	27.58	1.8	0.11
24/05/2022 21:00	13.99	379593.5	0	27.56	1.85	0.22
24/05/2022 22:00	13.99	381354.2	0	27.7	1.92	0.93
24/05/2022 23:00	14	380247.7	0	27.88	1.95	0.24
24/05/2022 24:00	13.97	340340.2	0	29.23	1.98	0.3
25/05/2022 01:00	13.94	359173.2	0	26.14	1.97	0.27
25/05/2022 02:00	13.95	361517	0	26.12	2.01	0.25
25/05/2022 03:00	13.94	360006.6	0	25.82	2.05	0.26
25/05/2022 04:00	13.92	357367	0	25.57	2.09	0.34
25/05/2022 05:00	13.91	354300.7	0	25.56	2.11	0.4
25/05/2022 06:00	13.88	346128.6	0	25.67	2.1	0.42
25/05/2022 07:00	13.88	347357.4	0	25.43	2.21	0.62
25/05/2022 08:00	13.93	324584.8	0	29.41	2.25	0.55
25/05/2022 09:00	13.95	283183.9	0	33.33	2.27	0.51
25/05/2022 10:00	13.99	333561.8	0	30.45	2.19	0.24
25/05/2022 11:00	14.05	385180	0	28.36	2.11	0.11
25/05/2022 12:00	14.04	384653.8	0	29.05	2.03	0.1
25/05/2022 13:00	14.03	383160.4	0	30.11	1.96	0.09
25/05/2022 14:00	14.03	381564.7	0	30.5	1.9	0.07
25/05/2022 15:00	14.03	380947.4	0	30.58	1.83	0.11
25/05/2022 16:00	14.02	381052.7	0	30.09	1.78	0.11
25/05/2022 17:00	14.02	381516.3	0	29.92	1.74	0.09
25/05/2022 18:00	14.03	381493.6	0	28.99	1.73	0.07
25/05/2022 19:00	14.05	382051.1	0	27.77	1.71	0.11
25/05/2022 20:00	14.01	382967	0	26.95	1.71	0.13
25/05/2022 21:00	13.95	378196.9	0	26.84	1.72	0.2
25/05/2022 22:00	13.91	375107.8	0	26.59	1.76	1.92
25/05/2022 23:00	13.91	375346.7	0	26.5	1.82	0.73
25/05/2022 24:00	13.91	337802.9	0	28.71	2	0.65
26/05/2022 01:00	13.9	356513.7	0	25.15	2.03	0.53
26/05/2022 02:00	13.91	359767.7	0	25.41	2.24	0.36
26/05/2022 03:00	13.91	359764.9	0	25.32	2.28	0.4
26/05/2022 04:00	13.89	354132.9	0	25.15	2.27	0.46
26/05/2022 05:00	13.88	352025.1	0	24.96	2.26	0.4
26/05/2022 06:00	13.86	348114	0	24.7	2.31	0.47
26/05/2022 07:00	13.86	348122.6	0	24.59	2.21	0.51
26/05/2022 08:00	13.91	332515.1	0	26.86	2.21	0.47
26/05/2022 09:00	13.92	283804	0	29.89	2.17	0.61
26/05/2022 10:00	13.97	333172.2	0	28.8	2.11	0.31
26/05/2022 11:00	14	384622.5	0	28.36	1.99	0.15
26/05/2022 12:00	13.99	383217.3	0	28.85	1.92	0.14
26/05/2022 13:00	14	381351.3	0	28.93	1.94	0.17
26/05/2022 14:00	14.01	380611.8	0	29.01	1.89	0.18
26/05/2022 15:00	14.01	378723.1	0	29.04	1.83	0.18
26/05/2022 16:00	14.01	378791.3	0	29.21	1.73	0.11
26/05/2022 17:00	14	379309	0	28.99	1.72	0.19
26/05/2022 18:00	14.01	380148.2	0	28.12	1.62	0.22
26/05/2022 19:00	14.03	380973	0	27.11	1.66	0.22
26/05/2022 20:00	14	380586.2	0	26.6	1.69	0.22
26/05/2022 21:00	14.01	380904.8	0	27.18	1.83	0.17
26/05/2022 22:00	13.98	380256.3	0	26.68	1.8	0.88
26/05/2022 23:00	13.96	377989.2	0	26.75	1.85	0.35
26/05/2022 24:00	13.94	344646.6	0	28.05	1.87	0.5
27/05/2022 01:00	13.93	359639.7	0	25.5	1.87	0.49
27/05/2022 02:00	13.93	360538.6	0	25.56	2	0.49
27/05/2022 03:00	13.93	360311	0	25.44	2.01	0.55
27/05/2022 04:00	13.92	356667.3	0	25.31	2.11	0.54
27/05/2022 05:00	13.92	354206.8	0	25.25	2.12	0.52
27/05/2022 06:00	13.9	349570.4	0	25.12	2.08	0.53



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
27/05/2022 07:00	13.9	349260.3	0	25.06	2.15	0.5
27/05/2022 08:00	13.91	326647	0	26.85	2.14	0.49
27/05/2022 09:00	13.94	282802.7	0	30.1	1.95	0.5
27/05/2022 10:00	13.97	332196.5	0	28.29	1.91	0.34
27/05/2022 11:00	14	380779.6	0	29.14	1.87	0.15
27/05/2022 12:00	14.01	380111.2	0	29.44	1.75	0.09
27/05/2022 13:00	14	379181	0	29.19	1.74	0.08
27/05/2022 14:00	14.01	378137.1	0	29.36	1.67	0.12
27/05/2022 15:00	14	378669	0	29.28	1.64	0.06
27/05/2022 16:00	14.03	376220	0	29.97	1.7	0.05
27/05/2022 17:00	14.04	377104.6	0	30.52	1.68	0.03
27/05/2022 18:00	14.04	378634.9	0	29.43	1.61	0.1
27/05/2022 19:00	14.05	380435.4	0	28.06	1.59	0.11
27/05/2022 20:00	14.02	379169.7	0	27.39	1.59	0.09
27/05/2022 21:00	14.02	382025.5	0	27.51	1.73	0.19
27/05/2022 22:00	14.02	381829.2	0	27.61	1.73	0.85
27/05/2022 23:00	14.01	379573.6	0	27.39	1.75	0.22
27/05/2022 24:00	13.95	347004.6	0	28.93	1.78	0.32
28/05/2022 01:00	13.91	359850.2	0	25.39	1.87	0.31
28/05/2022 02:00	13.94	362370.4	0	25.56	1.87	0.44
28/05/2022 03:00	13.93	361838.5	0	25.28	1.94	0.54
28/05/2022 04:00	13.91	358584.4	0	24.86	1.98	0.59
28/05/2022 05:00	13.9	355600.6	0	24.81	2.02	0.66
28/05/2022 06:00	13.88	350435.1	0	24.82	2.12	0.7
28/05/2022 07:00	13.89	348031.5	0	24.99	2.16	0.65
28/05/2022 08:00	13.91	324226.4	0	27.48	2.23	0.61
28/05/2022 09:00	13.97	280089.1	0	32.4	2.08	0.56
28/05/2022 10:00	14.01	329519.9	0	29.86	1.89	0.34
28/05/2022 11:00	14.05	379414.3	0	27.37	1.8	0.19
28/05/2022 12:00	14.06	379792.6	0	28.13	1.75	0.13
28/05/2022 13:00	14.04	378947.8	0	29.09	1.73	0.13
28/05/2022 14:00	14.03	378063.2	0	29.79	1.62	0.06
28/05/2022 15:00	14.03	377232.6	0	29.73	1.61	0.09
28/05/2022 16:00	14.02	377613.8	0	29.39	1.62	0.1
28/05/2022 17:00	13.96	372644.5	0	26.85	1.47	0.15
28/05/2022 18:00	13.92	368454.6	0	25.52	1.63	0.65
28/05/2022 19:00	13.91	368557	0	24.85	1.71	0.5
28/05/2022 20:00	13.93	370710.3	0	25.09	1.77	0.47
28/05/2022 21:00	13.95	370815.5	0	25.77	1.86	0.31
28/05/2022 22:00	13.94	369453	0	25.62	1.9	1.07
28/05/2022 23:00	13.94	369339.3	0	25.69	1.97	0.46
28/05/2022 24:00	13.93	337982.1	0	27.7	2.06	0.53
29/05/2022 01:00	13.89	350142.1	0	24.55	2.03	0.53
29/05/2022 02:00	13.89	349180.7	0	24.63	2.06	0.53
29/05/2022 03:00	13.89	349229	0	24.58	2	0.52
29/05/2022 04:00	13.88	345903.9	0	24.54	2.05	0.47
29/05/2022 05:00	13.87	344111.9	0	24.52	2.17	0.52
29/05/2022 06:00	13.86	340678.6	0	24.47	2.19	0.54
29/05/2022 07:00	13.86	337231.2	0	24.51	2.19	0.58
29/05/2022 08:00	13.88	338846.8	0	24.7	2.2	0.44
29/05/2022 09:00	13.91	343116.3	0	25.21	2.05	0.29
29/05/2022 10:00	13.93	345005	0	25.34	1.93	0.23
29/05/2022 11:00	13.94	345005	0	25.41	1.83	0.19
29/05/2022 12:00	13.95	345406.1	0	25.51	1.74	0.18
29/05/2022 13:00	13.97	348307.4	0	25.55	1.74	0.18
29/05/2022 14:00	13.98	348833.7	0	25.72	1.65	0.17
29/05/2022 15:00	13.99	351376.6	0	25.8	1.57	0.15
29/05/2022 16:00	14	352005.2	0	26.07	1.58	0.16
29/05/2022 17:00	14.01	352963.8	0	26.27	1.55	0.14
29/05/2022 18:00	14.01	322221	0	28.55	1.53	0.23
29/05/2022 19:00	14.03	349237.6	0	28.8	1.52	0.15
29/05/2022 20:00	14	370616.4	0	26.91	1.51	0.11
29/05/2022 21:00	14.01	370007.7	0	27.89	1.56	0.14
29/05/2022 22:00	13.99	368926.8	0	27.21	1.64	0.8
29/05/2022 23:00	13.96	366656.9	0	26.79	1.64	0.23
29/05/2022 24:00	13.94	308314.6	0	30.2	1.69	0.54
30/05/2022 01:00	13.88	344302.5	0	24.94	1.72	0.37
30/05/2022 02:00	13.9	342562.4	0	25.45	1.8	0.32
30/05/2022 03:00	13.89	341338.6	0	25.31	1.87	0.35
30/05/2022 04:00	13.88	338380.3	0	25.15	1.91	0.37
30/05/2022 05:00	13.87	336335.2	0	25.01	1.94	0.41
30/05/2022 06:00	13.85	333524.9	0	24.97	1.98	0.46
30/05/2022 07:00	13.86	336625.3	0	24.84	2.04	0.46
30/05/2022 08:00	13.9	323984.6	0	27.53	2.05	0.44
30/05/2022 09:00	13.94	281272.4	0	32.52	2.02	0.44
30/05/2022 10:00	13.98	331013.2	0	29.12	2	0.28
30/05/2022 11:00	14.03	382270.1	0	27.12	1.94	0.11
30/05/2022 12:00	14.02	381635.8	0	28.38	1.87	0.02
30/05/2022 13:00	14.01	380250.6	0	28.67	1.8	0.05
30/05/2022 14:00	14.01	379027.4	0	28.67	1.69	0.04
30/05/2022 15:00	14.01	378359	0	28.67	1.67	0.09
30/05/2022 16:00	14.02	378122.9	0	28.99	1.65	0.1
30/05/2022 17:00	14.02	377972.2	0	29.02	1.59	0.06
30/05/2022 18:00	14.01	379146.9	0	28.81	1.55	0.09
30/05/2022 19:00	13.99	379968.9	0	28.63	1.48	0.11
30/05/2022 20:00	14.02	381052.7	0	26.9	1.47	0.11
30/05/2022 21:00	14.01	381635.8	0	26.32	1.54	0.17
30/05/2022 22:00	14.01	382486.3	0	26.37	1.61	0.86
30/05/2022 23:00	13.99	380495.2	0	26.07	1.58	0.26
30/05/2022 24:00	13.92	348719.9	0	26.86	1.61	0.46



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
31/05/2022 01:00	13.9	363166.8	0	23.83	1.64	0.56
31/05/2022 02:00	13.9	364367.2	0	23.7	1.71	0.62
31/05/2022 03:00	13.89	362447.2	0	23.43	1.73	0.58
31/05/2022 04:00	13.87	358248.8	0	23.04	1.79	0.57
31/05/2022 05:00	13.86	355472.6	0	23.09	1.85	0.67
31/05/2022 06:00	13.84	350571.6	0	22.92	1.92	0.86
31/05/2022 07:00	13.85	351831.7	0	22.96	1.93	0.76
31/05/2022 08:00	13.92	327890	0	26.87	2	0.38
31/05/2022 09:00	13.95	282671.9	0	29.75	1.86	0.39
31/05/2022 10:00	13.99	331690.2	0	29	1.82	0.23
31/05/2022 11:00	14.02	381493.6	0	29.5	1.71	0.1
31/05/2022 12:00	14.02	380350.1	0.37	29.79	1.63	0.08
31/05/2022 13:00	14.02	379619.1	0	29.95	1.58	0.1
31/05/2022 14:00	14.02	378259.4	0	29.81	1.53	0.06
31/05/2022 15:00	14.02	377366.3	0	29.6	1.5	0.09
31/05/2022 16:00	14.01	377670.6	0	28.92	1.5	0.07
31/05/2022 17:00	14.01	377929.5	0	28.89	1.48	0.03
31/05/2022 18:00	13.99	378213.9	0	27.11	1.45	0.07
31/05/2022 19:00	13.96	374470.6	0	26.64	1.44	0.24
31/05/2022 20:00	13.95	373600.3	0	26.45	1.51	0.29
31/05/2022 21:00	13.93	373773.8	0	26.16	1.54	0.36
31/05/2022 22:00	13.94	375312.6	0	26.06	1.69	1.07
31/05/2022 23:00	13.94	375867.3	0	25.79	1.69	0.36
31/05/2022 24:00	13.9	372928.9	0	26.58	1.7	0.39
Minimum	13.82	195582.7	0	22.54	0.6	0
MinDate	19/05/2022 08:00	20/05/2022 08:00	01/05/2022 01:00	15/05/2022 08:00	18/05/2022 13:00	01/05/2022 10:00
Maximum	16.24	389947.3	364.58	52.53	4.39	2.57
MaxDate	20/05/2022 08:00	19/05/2022 11:00	22/05/2022 18:00	08/05/2022 18:00	07/05/2022 24:00	20/05/2022 08:00
Avg	14	361583.7	0.8	27.33	2.15	0.32
Num	630	630	620	630	630	630
Data[%]	84.7	84.7	83.3	84.7	84.7	84.7
STD	0.3	31176.6	14.8	3.4	2.4	0.3



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
01/06/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/06/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/06/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/06/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/06/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/06/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/06/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
01/06/2022 08:00	16.57	222992.2	<Samp	36.45	<Samp	<Samp
01/06/2022 09:00	14.26	389111	1.74	38.53	2.04	2.06
01/06/2022 10:00	14.32	389096.8	1.68	43.59	1.63	1.81
01/06/2022 11:00	14.37	386607.9	1.66	46.27	1.27	2.2
01/06/2022 12:00	14.38	384921.1	1.68	46.81	1.07	2.39
01/06/2022 13:00	14.39	384005.2	1.68	47.3	1.01	2.29
01/06/2022 14:00	14.39	381974.3	1.68	47.1	0.96	2.13
01/06/2022 15:00	14.4	381502.1	1.7	47.61	1.05	2.27
01/06/2022 16:00	14.4	381248.9	1.71	47.14	1.09	2.19
01/06/2022 17:00	14.38	382378.2	1.73	47.21	1.04	1.93
01/06/2022 18:00	14.38	382352.6	1.78	47.37	1.06	1.9
01/06/2022 19:00	14.33	383891.4	1.81	44.65	1.16	1.39
01/06/2022 20:00	14.3	386184.1	1.9	42.97	1.2	1.54
01/06/2022 21:00	14.31	387523.8	1.89	42.94	1.32	1.99
01/06/2022 22:00	14.32	388835.1	1.8	42.85	1.3	2.22
01/06/2022 23:00	14.33	389199.2	1.75	41.87	1.38	2.4
01/06/2022 24:00	14.3	377909.6	1.75	39.93	1.35	2.25
02/06/2022 01:00	14.32	381140.9	1.72	39.12	1.45	2.24
02/06/2022 02:00	14.3	382799.2	1.82	38.98	1.51	2.17
02/06/2022 03:00	14.28	381954.4	1.8	38.09	1.54	1.97
02/06/2022 04:00	14.26	381095.3	1.8	37.08	1.56	2.39
02/06/2022 05:00	14.25	380469.6	2.01	36.57	1.63	3.15
02/06/2022 06:00	14.25	378993.3	1.98	36.4	1.62	3.64
02/06/2022 07:00	14.26	378546.7	1.87	36.67	1.61	3.41
02/06/2022 08:00	14.23	343133.4	1.86	34.52	1.4	14.01
02/06/2022 09:00	14.3	388923.3	1.85	42.6	1.1	2.03
02/06/2022 10:00	14.36	387438.5	1.76	47.15	1.03	1.89
02/06/2022 11:00	14.38	385521.3	1.75	47.6	0.98	2.13
02/06/2022 12:00	14.4	383444.9	1.74	48.24	0.93	2.08
02/06/2022 13:00	14.4	381513.5	1.74	47.79	0.94	2.18
02/06/2022 14:00	14.41	381180.7	1.75	48.02	1.08	2.02
02/06/2022 15:00	14.38	381817.8	1.8	46.2	1	1.85
02/06/2022 16:00	14.34	383282.7	1.82	44.36	1	1.31
02/06/2022 17:00	14.35	383157.6	1.84	44.97	1.06	1.81
02/06/2022 18:00	14.36	382563.1	1.84	45.58	1.09	2.03
02/06/2022 19:00	14.34	383868.7	1.92	44.54	1.16	1.75
02/06/2022 20:00	14.35	386585.1	1.9	43.69	1.24	1.75
02/06/2022 21:00	14.34	388050	1.9	42.71	1.3	2.1
02/06/2022 22:00	14.34	388855	1.79	42.57	1.43	2.27
02/06/2022 23:00	14.35	389526.3	1.75	42.16	1.47	2.39
02/06/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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03/06/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/06/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/06/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/06/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/06/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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03/06/2022 11:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/06/2022 12:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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03/06/2022 15:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
03/06/2022 16:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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03/06/2022 18:00	15.41	251983.2	161.57	54.6	<Samp	14.73
03/06/2022 19:00	14.34	378202.6	1.91	37.73	1.35	1.87
03/06/2022 20:00	14.35	377656.4	1.93	39.74	1.48	2.03
03/06/2022 21:00	14.34	377844.2	1.76	39.54	1.49	2.4
03/06/2022 22:00	14.34	376840.1	1.68	40.64	1.5	2.19
03/06/2022 23:00	14.32	372203.6	1.67	41.64	1.64	1.76
03/06/2022 24:00	14.29	369364.9	1.67	40.63	1.59	1.53
04/06/2022 01:00	14.32	377875.4	1.65	41.41	1.71	1.88
04/06/2022 02:00	14.31	379277.8	1.67	40.65	1.66	3.35
04/06/2022 03:00	14.28	378541	1.67	39.81	1.77	3.65
04/06/2022 04:00	14.29	379044.5	1.67	39.93	1.76	2.75
04/06/2022 05:00	14.28	378188.3	1.65	39.17	1.75	2.69
04/06/2022 06:00	14.27	376461.8	1.91	38.1	1.82	3.26
04/06/2022 07:00	14.27	376365	1.94	37.58	1.73	3.64
04/06/2022 08:00	14.2	345383.3	1.89	34.52	1.55	25.69
04/06/2022 09:00	14.32	384030.8	1.79	39.78	1.24	1.59
04/06/2022 10:00	14.35	383282.7	1.74	40.42	1.16	1.54
04/06/2022 11:00	14.38	384955.3	1.73	41.8	1.15	1.82
04/06/2022 12:00	14.41	384022.3	1.7	42.86	1.18	2.03
04/06/2022 13:00	14.41	384776.1	1.69	44.24	1.12	1.96
04/06/2022 14:00	14.39	383752.1	1.72	45.29	1.11	1.89
04/06/2022 15:00	14.38	382762.2	1.72	45.55	1.09	2.07
04/06/2022 16:00	14.38	382483.4	1.75	46.22	1.09	2.07
04/06/2022 17:00	14.38	382426.6	1.75	46.2	1.04	1.95
04/06/2022 18:00	14.42	381431	1.73	43.56	1.12	1.73
04/06/2022 19:00	14.39	380421.2	1.74	42.3	1.21	1.74
04/06/2022 20:00	14.36	380324.5	1.84	41.59	1.3	1.62



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
04/06/2022 21:00	14.35	379670.3	1.74	41.17	1.33	1.95
04/06/2022 22:00	14.33	379311.9	1.7	40.4	1.42	2.14
04/06/2022 23:00	14.32	379144.1	1.7	39.87	1.46	2.26
04/06/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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05/06/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/06/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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05/06/2022 12:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
05/06/2022 13:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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05/06/2022 17:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
05/06/2022 18:00	15.45	248120.2	155.92	59.83	5.63	2.43
05/06/2022 19:00	14.35	380301.8	1.74	38.17	1.33	2
05/06/2022 20:00	14.38	379095.7	1.73	40.98	1.42	1.92
05/06/2022 21:00	14.32	376350.8	1.65	39.36	1.51	1.2
05/06/2022 22:00	14.3	375696.6	1.66	38.95	1.6	1.53
05/06/2022 23:00	14.29	373312.9	1.63	40.25	1.69	1.69
05/06/2022 24:00	14.25	365601.7	1.67	38.79	1.78	3.57
06/06/2022 01:00	14.27	375932.7	1.67	39.33	1.82	3.04
06/06/2022 02:00	14.27	375945.7	1.73	38.9	1.84	2.71
06/06/2022 03:00	14.27	375918.5	1.72	38.56	1.86	2.68
06/06/2022 04:00	14.28	376271.2	1.74	38.68	1.88	2.62
06/06/2022 05:00	14.28	376146	1.76	38.62	1.95	2.2
06/06/2022 06:00	14.27	376333.8	1.77	38.44	1.9	2.27
06/06/2022 07:00	14.27	376348	1.9	38.22	1.87	3
06/06/2022 08:00	14.25	353111.7	1.84	37.38	1.52	2.48
06/06/2022 09:00	14.37	388138.2	1.72	43.89	1.35	2.6
06/06/2022 10:00	14.41	388317.4	1.7	44.98	1.24	2.48
06/06/2022 11:00	14.41	387060.2	1.7	46.7	1.81	2.61
06/06/2022 12:00	14.42	386010.6	1.71	46.52	1.92	2.39
06/06/2022 13:00	14.4	384992.3	1.72	47.02	1.91	2.11
06/06/2022 14:00	14.38	384625.3	1.72	47.27	1.85	1.97
06/06/2022 15:00	14.39	382824.8	1.75	47.52	1.82	2.24
06/06/2022 16:00	14.4	382019.8	1.76	47.89	1.78	2.49
06/06/2022 17:00	14.4	382233.1	1.76	48.19	1.75	2.41
06/06/2022 18:00	14.39	382423.7	1.78	47.59	1.71	1.85
06/06/2022 19:00	14.39	384483.1	1.8	47.48	1.72	1.69
06/06/2022 20:00	14.38	383988.2	1.7	44.45	1.76	2.26
06/06/2022 21:00	14.38	385524.2	1.73	44.88	1.84	2.37
06/06/2022 22:00	14.36	384252.7	1.74	43.94	1.89	2.62
06/06/2022 23:00	14.35	384067.8	1.76	43.21	1.94	2.48
06/06/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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07/06/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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07/06/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
07/06/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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07/06/2022 09:00	14.35	383348.2	1.93	40.55	2.19	1.9
07/06/2022 10:00	14.4	389412.5	1.81	46.2	2.08	2.04
07/06/2022 11:00	14.39	388655.9	1.79	47.44	1.98	2.24
07/06/2022 12:00	14.39	387569.3	1.76	47.24	1.9	2.38
07/06/2022 13:00	14.39	387122.7	1.77	48.01	1.81	2.29
07/06/2022 14:00	14.38	386946.4	1.76	47.93	1.82	2.18
07/06/2022 15:00	14.38	385325	1.78	47.93	1.83	2.42
07/06/2022 16:00	14.4	384187.3	1.77	48.64	1.81	2.56
07/06/2022 17:00	14.4	384972.3	1.8	48.95	1.79	2.54
07/06/2022 18:00	14.42	385814.3	1.78	47.79	1.78	2.15
07/06/2022 19:00	14.43	386181.2	1.76	45.64	1.79	1.77
07/06/2022 20:00	14.41	384247	1.73	45.01	1.8	1.9
07/06/2022 21:00	14.41	385689.1	1.78	45.69	1.84	2.07
07/06/2022 22:00	14.4	385797.2	1.82	45.57	1.85	2.02
07/06/2022 23:00	14.39	385151.5	1.83	44.85	1.92	1.72
07/06/2022 24:00	14.36	374288.6	1.88	43.47	1.96	1.79
08/06/2022 01:00	14.37	379277.8	1.9	42.78	2.02	1.59
08/06/2022 02:00	14.36	380549.2	1.88	42.69	2.08	1.73
08/06/2022 03:00	14.36	380785.3	1.81	42.58	2.13	1.84
08/06/2022 04:00	14.35	379707.3	1.81	42.06	2.17	1.91
08/06/2022 05:00	14.35	379013.2	1.86	41.71	2.21	1.97
08/06/2022 06:00	14.34	377061.9	1.92	41.29	2.2	1.85
08/06/2022 07:00	14.34	377289.5	1.93	41.2	2.23	1.92
08/06/2022 08:00	14.29	348461	1.96	38.82	2.22	1.59
08/06/2022 09:00	14.4	389031.3	1.8	44.64	2.15	1.78
08/06/2022 10:00	14.39	389019.8	1.81	47.4	1.99	1.84
08/06/2022 11:00	14.4	387438.5	1.81	49.18	1.59	1.94
08/06/2022 12:00	14.39	387523.8	1.81	48.86	1.3	2.03
08/06/2022 13:00	14.38	385299.4	1.82	48.67	1.25	2.19
08/06/2022 14:00	14.38	383481.8	1.83	48.17	1.14	2
08/06/2022 15:00	14.4	382304.3	1.83	48.58	1.16	2.2
08/06/2022 16:00	14.39	382924.3	1.83	48.16	1.12	2.02



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
08/06/2022 17:00	14.37	383484.7	1.86	47.81	1.17	2.12
08/06/2022 18:00	14.39	384943.9	1.83	46.02	1.24	1.87
08/06/2022 19:00	14.39	384096.3	1.84	44.73	1.32	1.88
08/06/2022 20:00	14.37	383840.3	1.88	43.88	1.44	1.83
08/06/2022 21:00	14.38	385498.6	1.94	44.16	1.55	1.75
08/06/2022 22:00	14.37	385950.8	1.95	44.23	1.58	1.69
08/06/2022 23:00	14.36	384201.5	1.98	43.57	1.63	1.89
08/06/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
09/06/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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09/06/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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09/06/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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09/06/2022 10:00	14.38	387754.2	1.94	47.02	1.12	1.77
09/06/2022 11:00	14.4	385913.8	1.85	47.41	1.42	2.27
09/06/2022 12:00	14.4	384932.5	1.84	47.22	1.7	2.21
09/06/2022 13:00	14.4	384215.7	1.85	47.02	1.69	2.12
09/06/2022 14:00	14.39	383299.8	1.86	46.36	1.72	1.98
09/06/2022 15:00	14.39	382147.8	1.88	46.49	1.74	2.12
09/06/2022 16:00	14.4	382085.2	1.88	46.87	1.7	2.2
09/06/2022 17:00	14.4	381871.9	1.9	46.67	1.71	1.9
09/06/2022 18:00	14.39	381888.9	1.93	46.63	1.71	1.63
09/06/2022 19:00	14.35	384164.5	1.95	44.95	1.71	1.29
09/06/2022 20:00	14.3	379553.7	1.76	41.48	1.7	6.65
09/06/2022 21:00	14.28	381308.7	1.8	41.23	1.81	23.64
09/06/2022 22:00	14.29	380216.4	1.81	41.25	1.95	2.5
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09/06/2022 24:00	14.27	372220.7	1.9	38.99	2.13	1.63
10/06/2022 01:00	14.29	377141.6	1.85	39.1	2.21	1.49
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10/06/2022 05:00	14.29	377650.7	1.97	38.25	2.39	2.8
10/06/2022 06:00	14.29	377283.8	2.2	38.01	2.42	2.88
10/06/2022 07:00	14.28	376854.3	2.12	37.7	2.41	2.3
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10/06/2022 09:00	14.36	389751	1.93	41.47	2.3	1.72
10/06/2022 10:00	14.37	389455.2	1.91	44.38	2.11	1.73
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10/06/2022 12:00	14.37	386334.8	1.89	45.98	1.9	2.14
10/06/2022 13:00	14.37	384286.8	1.89	45.83	1.84	2.12
10/06/2022 14:00	14.38	382588.7	1.89	45.71	1.82	2
10/06/2022 15:00	14.39	381726.8	1.9	45.76	1.81	1.94
10/06/2022 16:00	14.4	380736.9	1.89	45.8	1.83	1.89
10/06/2022 17:00	14.4	379872.3	1.87	45.36	1.84	1.5
10/06/2022 18:00	14.4	380509.4	1.89	46.04	1.84	1.41
10/06/2022 19:00	14.38	384696.4	1.85	43.33	1.83	1.15
10/06/2022 20:00	14.32	382031.2	1.83	41.84	1.79	2.62
10/06/2022 21:00	14.31	383237.2	1.9	41.52	1.86	2.53
10/06/2022 22:00	14.32	383888.6	1.88	41.22	1.9	2.84
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11/06/2022 10:00	14.43	388308.9	1.9	43.58	1.89	1.7
11/06/2022 11:00	14.44	388124	1.86	45.87	1.8	2.26
11/06/2022 12:00	14.43	386374.6	1.87	45.6	1.75	2.21
11/06/2022 13:00	14.4	385660.7	1.93	45.96	1.73	2.23
11/06/2022 14:00	14.4	383763.4	1.92	46.79	1.68	2.11
11/06/2022 15:00	14.39	382787.8	1.92	46.75	1.7	2.23
11/06/2022 16:00	14.4	382477.8	1.93	46.73	1.68	2.23
11/06/2022 17:00	14.41	381658.6	1.96	46.86	1.71	1.96
11/06/2022 18:00	14.41	381573.2	1.96	46.58	1.7	1.72
11/06/2022 19:00	14.42	382463.5	1.94	44.51	1.71	1.77
11/06/2022 20:00	14.4	382184.8	1.93	43.24	1.74	1.74
11/06/2022 21:00	14.38	383484.7	2.05	42.56	1.74	1.75
11/06/2022 22:00	14.37	383168.9	2.01	42.13	1.83	1.9
11/06/2022 23:00	14.37	382423.7	2.03	41.81	1.82	1.78
11/06/2022 24:00	14.32	371316.2	2.13	39.81	1.88	1.75
12/06/2022 01:00	14.3	366218.9	2.07	37.8	1.88	1.94
12/06/2022 02:00	14.29	366691.1	2.09	37.24	1.91	2.15
12/06/2022 03:00	14.28	365729.7	2.11	36.59	1.97	2.15
12/06/2022 04:00	14.26	363488.3	2.2	35.98	2.03	2.15
12/06/2022 05:00	14.24	361969.3	2.29	35.25	2.02	1.88
12/06/2022 06:00	14.23	359420.7	2.28	34.64	2.03	1.87
12/06/2022 07:00	14.25	355094.3	2.13	35.32	2.04	1.58
12/06/2022 08:00	14.29	356013	2.04	36.56	2.03	1.41
12/06/2022 09:00	14.31	356360.1	1.97	37.3	1.9	1.62
12/06/2022 10:00	14.33	357443.8	1.96	38	1.83	1.63
12/06/2022 11:00	14.34	358359.7	1.92	38.53	1.8	2.11
12/06/2022 12:00	14.35	358991.2	1.93	38.37	1.75	2.22



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
12/06/2022 13:00	14.36	359619.8	1.93	38.78	1.71	2.04
12/06/2022 14:00	14.38	362105.8	1.92	39.37	1.7	1.87
12/06/2022 15:00	14.39	364987.3	1.93	39.59	1.74	1.84
12/06/2022 16:00	14.4	365317.2	1.97	40.18	1.72	1.93
12/06/2022 17:00	14.41	365749.6	1.99	40.81	1.74	1.71
12/06/2022 18:00	14.37	361198.5	2.04	39.6	1.74	1.48
12/06/2022 19:00	14.41	382474.9	2	43.7	1.79	1.37
12/06/2022 20:00	14.41	382534.6	2.04	41.89	1.79	1.06
12/06/2022 21:00	14.39	381112.4	2.02	42.19	1.82	1.82
12/06/2022 22:00	14.32	377704.8	1.94	39.86	1.8	2.03
12/06/2022 23:00	14.32	378515.4	1.94	39.97	1.92	1.96
12/06/2022 24:00	14.31	372411.3	2.03	39.34	1.96	1.74
13/06/2022 01:00	14.34	379001.8	1.98	40.54	2.01	1.65
13/06/2022 02:00	14.35	379232.7	2.02	40.58	2.05	1.83
13/06/2022 03:00	14.34	379144.1	2.07	39.82	2.07	1.82
13/06/2022 04:00	14.32	379092.9	2.08	39.14	2.09	1.76
13/06/2022 05:00	14.31	378760.1	2.13	38.67	2.11	1.77
13/06/2022 06:00	14.31	378344.8	2.12	38.69	2.13	1.55
13/06/2022 07:00	14.31	378427.3	2.15	38.92	2.16	1.68
13/06/2022 08:00	14.26	343227.3	2.13	35.82	2.07	2.38
13/06/2022 09:00	14.38	389005.8	2.01	42.65	1.98	1.92
13/06/2022 10:00	14.4	387939.1	1.98	42.82	1.9	2.09
13/06/2022 11:00	14.4	387600.6	1.97	44.33	1.85	2.18
13/06/2022 12:00	14.41	386454.3	1.97	44.76	1.82	2.3
13/06/2022 13:00	14.38	384574.1	1.99	46.35	1.77	2.34
13/06/2022 14:00	14.38	383655.3	2	46.16	1.77	2.13
13/06/2022 15:00	14.4	382910.1	2	46.44	1.77	1.78
13/06/2022 16:00	14.41	382713.1	2.04	45.9	1.94	1.49
13/06/2022 17:00	14.39	381760.9	2	45.88	2.14	1.64
13/06/2022 18:00	14.38	383456.3	2.08	45.7	2.2	1.34
13/06/2022 19:00	14.36	384423.3	2.17	45.73	2.13	1.62
13/06/2022 20:00	14.35	386255.2	2.17	44.18	2.07	1.76
13/06/2022 21:00	14.34	387202.4	2.17	43.31	2.05	1.94
13/06/2022 22:00	14.37	388368.6	2.08	42.54	2.09	2.27
13/06/2022 23:00	14.39	387466.9	2.05	43.08	1.98	2.08
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14/06/2022 11:00	14.36	390117.9	2.04	45.5	1.43	1.94
14/06/2022 12:00	14.34	390422.3	2.11	44.1	1.3	1.64
14/06/2022 13:00	14.3	392535.7	2.09	43.35	1.3	1.77
14/06/2022 14:00	14.33	388920.4	2.06	44.12	1.38	2.19
14/06/2022 15:00	14.33	391540.2	2.08	44.83	1.31	1.32
14/06/2022 16:00	14.3	391921.3	2.1	43.6	1.31	2.18
14/06/2022 17:00	14.31	389836.3	2.13	43.11	1.37	2.23
14/06/2022 18:00	14.33	388399.9	2.13	43.87	1.45	1.97
14/06/2022 19:00	14.33	389432.4	2.14	41.9	1.46	1.41
14/06/2022 20:00	14.36	390877.4	2.23	41.47	1.61	1.45
14/06/2022 21:00	14.37	391938.4	2.25	41.99	1.7	1.68
14/06/2022 22:00	14.35	393022.1	2.24	41.52	1.71	1.74
14/06/2022 23:00	14.34	391093.6	2.22	40.53	1.72	1.78
14/06/2022 24:00	14.27	374982.6	2.34	38.6	1.68	2.04
15/06/2022 01:00	14.28	381342.8	2.17	37.47	1.71	2.25
15/06/2022 02:00	14.27	382730.9	2.18	37.17	1.72	2.48
15/06/2022 03:00	14.27	382856.1	2.14	37.05	1.72	2.78
15/06/2022 04:00	14.27	381254.6	2.1	36.94	1.77	2.82
15/06/2022 05:00	14.27	380668.7	2.14	36.7	1.83	3.31
15/06/2022 06:00	14.27	379943.3	2.11	36.54	1.81	3.37
15/06/2022 07:00	14.27	380054.3	2.17	36.61	1.78	2.6
15/06/2022 08:00	14.2	348643.1	2.17	34.01	1.65	18.88
15/06/2022 09:00	14.32	392495.9	2.13	41.26	1.39	1.27
15/06/2022 10:00	14.32	391713.7	2.11	43.85	1.27	1.35
15/06/2022 11:00	14.32	390666.9	1.97	41.72	1.37	2.26
15/06/2022 12:00	14.36	390726.6	2.09	42.45	1.5	1.95
15/06/2022 13:00	14.38	390536.1	2.06	44.48	1.38	1.25
15/06/2022 14:00	14.34	387990.3	2.08	43.72	1.26	1.73
15/06/2022 15:00	14.35	386545.3	2.67	44.13	1.22	1.6
15/06/2022 16:00	14.37	384693.6	2.6	45.03	1.29	1.71
15/06/2022 17:00	14.36	388988.7	2.1	45.73	1.23	0.89
15/06/2022 18:00	14.37	388306	2.08	42.74	1.26	0.9
15/06/2022 19:00	14.32	386724.5	2.01	39.23	1.45	1.18
15/06/2022 20:00	14.31	387893.6	2.01	39.09	1.54	1.61
15/06/2022 21:00	14.31	389054.1	2	39.41	1.59	1.45
15/06/2022 22:00	14.31	388590.5	2	39.85	1.63	1.6
15/06/2022 23:00	14.31	387930.6	1.99	39.89	1.67	1.72
15/06/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
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Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
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16/06/2022 10:00	14.31	388377.1	2.07	42.05	1.29	1.25
16/06/2022 11:00	14.33	385677.8	2.09	42.68	1.28	1.52
16/06/2022 12:00	14.33	385327.9	2.21	41.84	1.27	1.21
16/06/2022 13:00	14.32	385273.8	2.05	41.49	1.49	2.15
16/06/2022 14:00	14.33	385123.1	2.08	41.99	1.67	2.23
16/06/2022 15:00	14.33	383043.8	2.12	43.64	1.5	1.89
16/06/2022 16:00	14.35	381479.3	2.15	44.52	1.42	2
16/06/2022 17:00	14.37	380847.9	2.16	45.13	1.41	1.85
16/06/2022 18:00	14.36	381092.5	2.15	45.39	1.4	1.3
16/06/2022 19:00	14.35	382460.7	2.21	44.66	1.48	1.32
16/06/2022 20:00	14.36	383880.1	2.33	43.83	1.64	1.3
16/06/2022 21:00	14.37	385401.8	2.3	43.08	1.6	1.01
16/06/2022 22:00	14.38	386935	2.33	42.42	1.68	1.39
16/06/2022 23:00	14.37	385663.5	2.37	41.77	1.73	1.43
16/06/2022 24:00	14.31	373386.9	2.25	40.27	1.76	1.59
17/06/2022 01:00	14.3	369390.5	2.25	37.6	1.74	1.59
17/06/2022 02:00	14.29	369930.9	2.26	37.08	1.78	1.6
17/06/2022 03:00	14.29	368924	2.22	36.78	1.85	1.88
17/06/2022 04:00	14.28	367726.5	2.29	36.3	1.88	1.78
17/06/2022 05:00	14.25	363983.2	2.48	35.56	1.9	1.68
17/06/2022 06:00	14.22	359540.2	2.44	34.65	1.91	1.47
17/06/2022 07:00	14.22	358752.3	2.34	34.33	1.86	1.64
17/06/2022 08:00	14.26	368147.4	2.34	35.44	1.64	1.45
17/06/2022 09:00	14.29	387674.6	2.3	41.87	1.41	1.46
17/06/2022 10:00	14.34	386095.9	2.19	44.7	1.37	1.47
17/06/2022 11:00	14.37	384562.7	2.2	46.22	1.36	1.92
17/06/2022 12:00	14.38	382304.3	2.16	46.27	1.34	1.81
17/06/2022 13:00	14.39	380444	2.14	46.05	1.36	1.53
17/06/2022 14:00	14.39	379636.2	2.18	45.71	1.32	1.34
17/06/2022 15:00	14.39	379021.8	2.19	45.62	1.37	1.56
17/06/2022 16:00	14.39	378560.9	2.2	45.75	1.38	1.59
17/06/2022 17:00	14.4	378213.9	2.23	46.1	1.49	1.56
17/06/2022 18:00	14.39	379769.8	2.26	46.56	1.52	1.44
17/06/2022 19:00	14.38	380242	2.32	45.27	1.6	0.99
17/06/2022 20:00	14.37	384033.7	2.42	43.34	1.7	0.94
17/06/2022 21:00	14.35	385808.6	2.33	42.29	1.82	1.2
17/06/2022 22:00	14.34	385697.7	2.27	42.93	1.63	1.63
17/06/2022 23:00	14.35	386300.7	2.12	41.8	1.26	1.77
17/06/2022 24:00	NoData	NoData	NoData	NoData	NoData	NoData
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19/06/2022 01:00	NoData	NoData	NoData	NoData	NoData	NoData
19/06/2022 02:00	---	---	---	---	---	---
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19/06/2022 04:00	14.29	361007.9	2.31	37.74	1.94	1.96
19/06/2022 05:00	14.27	357952.9	2.33	36.99	1.96	2.09
19/06/2022 06:00	14.26	352625.3	2.34	36.23	1.98	2.13
19/06/2022 07:00	14.26	349194.9	2.32	36.06	1.94	1.95
19/06/2022 08:00	14.28	347732.9	2.33	36.6	1.68	1.53
19/06/2022 09:00	14.29	348239.2	2.29	37.26	1.51	1.35
19/06/2022 10:00	14.31	349755.3	2.29	37.8	1.34	1.27
19/06/2022 11:00	14.34	350187.6	2.27	38.9	1.17	1.65
19/06/2022 12:00	14.37	350272.9	2.2	39.06	0.96	1.62
19/06/2022 13:00	14.38	350745.1	2.21	39.45	0.92	1.4
19/06/2022 14:00	14.4	352645.2	2.23	40.54	1.08	1.44
19/06/2022 15:00	14.4	354952.1	2.23	40.94	1.18	1.75
19/06/2022 16:00	14.43	355904.9	2.26	41.91	1.25	1.72
19/06/2022 17:00	14.43	356200.8	2.25	41.68	1.24	1.46
19/06/2022 18:00	14.42	328282.6	2.22	39.22	1.27	1.11
19/06/2022 19:00	14.37	374575.9	2.16	42.43	1.38	0.62
19/06/2022 20:00	14.29	372451.1	2.11	39.92	1.53	1.13
19/06/2022 21:00	14.29	371344.6	2.19	39.81	1.74	1.61
19/06/2022 22:00	14.31	372206.5	2.26	40.04	1.86	1.28
19/06/2022 23:00	14.29	370878.1	2.2	38.87	1.81	1.5
19/06/2022 24:00	14.23	349675.6	2.29	36.09	1.91	1.72
20/06/2022 01:00	14.22	351467.6	2.28	35	1.84	1.49
20/06/2022 02:00	14.22	351480.8	2.32	34.94	1.91	1.46
20/06/2022 03:00	14.23	351157.6	2.44	35.16	1.94	1.53
20/06/2022 04:00	14.23	348566.3	2.39	34.96	1.92	1.51



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
20/06/2022 05:00	14.22	348293.2	2.41	34.56	1.97	1.43
20/06/2022 06:00	14.23	346541	2.43	35.28	1.92	1.47
20/06/2022 07:00	14.23	346697.5	2.5	34.91	1.89	1.51
20/06/2022 08:00	14.31	331323.3	2.3	37.34	1.54	1.38
20/06/2022 09:00	14.39	383863	2.29	43.4	1.34	1.64
20/06/2022 10:00	14.43	386277.9	2.25	46.73	1.29	1.25
20/06/2022 11:00	14.41	385128.8	2.23	48.44	1.28	1.4
20/06/2022 12:00	14.43	382551.7	2.25	49.6	1.3	1.64
20/06/2022 13:00	14.42	381229	2.27	49.23	1.23	1.56
20/06/2022 14:00	14.45	378501.2	2.29	49.82	1.25	1.46
20/06/2022 15:00	14.44	377847	2.31	49	1.21	1.66
20/06/2022 16:00	14.43	378034.7	2.34	48.77	1.27	1.8
20/06/2022 17:00	14.45	377175.7	2.37	49.52	1.32	1.69
20/06/2022 18:00	14.44	377502.8	2.37	48.87	1.27	1.49
20/06/2022 19:00	14.42	378424.4	2.37	48.34	1.42	1.29
20/06/2022 20:00	14.4	381106.7	2.33	45.35	1.46	1.47
20/06/2022 21:00	14.36	382065.3	2.26	42.92	1.54	1.74
20/06/2022 22:00	14.35	383146.2	2.18	42.3	1.62	1.73
20/06/2022 23:00	14.3	378083.1	2.2	41.8	1.81	1.86
20/06/2022 24:00	14.27	367874.4	2.25	39.11	1.81	2.94
21/06/2022 01:00	14.24	358456.4	2.3	36.83	1.93	4.19
21/06/2022 02:00	14.24	360228.5	2.28	36.44	1.91	4.16
21/06/2022 03:00	14.24	359215.9	2.31	36.19	2.01	3.15
21/06/2022 04:00	14.24	357469.4	2.29	35.69	1.92	2.18
21/06/2022 05:00	14.23	357056.9	2.26	35.46	2.01	1.67
21/06/2022 06:00	14.22	351447.7	2.43	34.62	1.96	1.91
21/06/2022 07:00	14.23	352673.7	2.47	34.8	1.97	2.3
21/06/2022 08:00	14.29	350693.9	2.35	36.46	1.86	2.3
21/06/2022 09:00	14.35	384150.3	2.27	41.64	1.82	2.21
21/06/2022 10:00	14.37	385740.3	2.25	44.7	1.65	1.87
21/06/2022 11:00	14.36	383973.9	2.23	46.6	1.61	1.9
21/06/2022 12:00	14.37	382392.4	2.24	46.96	1.57	1.95
21/06/2022 13:00	14.4	379818.2	2.23	47.17	1.57	1.69
21/06/2022 14:00	14.39	378452.9	2.24	46.68	1.54	1.54
21/06/2022 15:00	14.39	377946.6	2.28	46.57	1.57	1.79
21/06/2022 16:00	14.4	377716.2	2.28	46.77	1.54	1.79
21/06/2022 17:00	14.39	377682	2.29	46.66	1.57	1.71
21/06/2022 18:00	14.41	377261	2.33	47.14	1.58	1.43
21/06/2022 19:00	14.39	379280.6	2.41	46.84	1.56	1.29
21/06/2022 20:00	14.37	381041.3	2.33	44.56	1.65	1.74
21/06/2022 21:00	14.31	379292	2.17	41.16	1.78	3.17
21/06/2022 22:00	14.32	381012.9	2.16	41.84	1.96	2.79
21/06/2022 23:00	14.31	379337.5	2.27	41.39	2.13	1.63
21/06/2022 24:00	14.29	369848.4	2.3	39.81	2.06	1.49
22/06/2022 01:00	14.26	361781.6	2.29	37.66	2.15	1.33
22/06/2022 02:00	14.26	361844.2	2.25	37.26	2.09	2.2
22/06/2022 03:00	14.25	361366.3	2.37	36.79	2.23	2.43
22/06/2022 04:00	14.25	359036.7	2.33	36.33	2.26	1.59
22/06/2022 05:00	14.24	358058.2	2.25	35.87	2.08	1.55
22/06/2022 06:00	14.22	352431.9	2.3	34.94	1.91	2.05
22/06/2022 07:00	14.22	352201.5	2.34	35.09	1.53	2.83
22/06/2022 08:00	14.24	340263.3	2.4	35.78	1.39	2.14
22/06/2022 09:00	14.34	381760.9	2.33	40.65	0.95	1.66
22/06/2022 10:00	14.37	384790.3	2.29	41.89	0.89	1.64
22/06/2022 11:00	14.4	385933.8	2.25	44.92	1.42	2.03
22/06/2022 12:00	14.42	384830.1	2.22	45.26	1.2	2.02
22/06/2022 13:00	14.4	382856.1	2.24	47.17	1.07	2.11
22/06/2022 14:00	14.4	381300.2	2.26	47.91	0.9	1.78
22/06/2022 15:00	14.42	379815.3	2.26	48.26	0.71	1.89
22/06/2022 16:00	14.42	379243.6	2.26	48.38	0.53	2.01
22/06/2022 17:00	14.44	378472.8	2.26	48.83	0.43	1.62
22/06/2022 18:00	14.42	379371.6	2.28	48.97	0.27	1.35
22/06/2022 19:00	14.41	380216.4	2.29	49.07	0.11	1.26
22/06/2022 20:00	14.39	380927.5	2.22	44.96	0.05	1.7
22/06/2022 21:00	14.36	382534.6	2.17	43.54	0.03	1.92
22/06/2022 22:00	14.37	383368.1	2.16	43.67	0.04	1.54
22/06/2022 23:00	14.36	381860.5	2.23	42.93	0.03	1.59
22/06/2022 24:00	14.32	363129.8	2.35	40.24	0.09	1.49
23/06/2022 01:00	14.3	364210.7	2.37	38.85	0.04	1.42
23/06/2022 02:00	14.29	364742.6	2.28	38.1	0.03	1.08
23/06/2022 03:00	14.27	363715.8	2.35	37	0.01	1.53
23/06/2022 04:00	14.25	361007.9	2.29	36.51	0.01	1.57
23/06/2022 05:00	14.23	358775	2.24	35.59	0	1.36
23/06/2022 06:00	14.23	357788	2.25	35.22	0.01	1.52
23/06/2022 07:00	14.23	355961.8	2.26	35.22	0.02	1.78
23/06/2022 08:00	14.26	341347.1	2.26	35.4	0.05	1.49
23/06/2022 09:00	14.34	385999.2	2.27	40.5	0.05	1.56
23/06/2022 10:00	14.41	387788.3	2.22	44.22	0.01	1.67
23/06/2022 11:00	14.39	386920.8	2.22	45.17	0.01	1.93
23/06/2022 12:00	14.38	385581	2.23	46.39	0.05	1.74
23/06/2022 13:00	14.37	384582.6	2.23	46.78	0.01	1.59
23/06/2022 14:00	14.39	381641.5	2.22	46.86	0	1.47
23/06/2022 15:00	14.39	382449.3	2.22	47.05	0	1.33
23/06/2022 16:00	14.38	382085.2	2.25	47.62	0	1.39
23/06/2022 17:00	14.38	380842.2	2.25	46.97	0	1.46
23/06/2022 18:00	14.39	381689.8	2.24	45.87	0	1.14
23/06/2022 19:00	14.39	382776.4	2.22	44.11	0	0.8
23/06/2022 20:00	14.39	383205.9	2.33	42.81	0	0.95
23/06/2022 21:00	14.36	384042.2	2.25	41.4	0	0.88
23/06/2022 22:00	14.33	384016.6	2.3	40.22	0	1.17
23/06/2022 23:00	14.33	384309.6	2.38	39.95	0	1.85
23/06/2022 24:00	14.3	361184.3	2.19	39.51	0.01	1.49



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
24/06/2022 01:00	14.28	363570.7	2.26	38.18	0	1.63
24/06/2022 02:00	14.29	365092.5	2.34	38.04	0	1.53
24/06/2022 03:00	14.28	363875.1	2.28	37.64	0	1.45
24/06/2022 04:00	14.28	360609.7	2.31	37.49	0.08	1.51
24/06/2022 05:00	14.27	358206.1	2.27	36.96	0.05	1.67
24/06/2022 06:00	14.25	354693.2	2.32	36.16	0.05	1.52
24/06/2022 07:00	14.24	354235.3	2.38	35.41	0.02	1.34
24/06/2022 08:00	14.28	337225.5	2.37	35.72	0.04	1.4
24/06/2022 09:00	14.37	384881.3	2.2	41.66	0.02	1.63
24/06/2022 10:00	14.39	386932.2	2.2	43.09	0	1.6
24/06/2022 11:00	14.38	385657.8	2.23	44.72	0	1.79
24/06/2022 12:00	14.37	382998.3	2.24	45.74	0.01	1.83
24/06/2022 13:00	14.38	382725.2	2.25	46.73	0	1.71
24/06/2022 14:00	14.38	381186.4	2.25	46.26	0	1.63
24/06/2022 15:00	14.37	379727.2	2.26	45.37	0	1.69
24/06/2022 16:00	14.38	378245.2	2.25	44.94	0	1.76
24/06/2022 17:00	14.38	379274.9	2.26	45.34	0	1.3
24/06/2022 18:00	14.37	379280.6	2.26	45.56	0	1.22
24/06/2022 19:00	14.37	380057.1	2.3	43.07	0	0.86
24/06/2022 20:00	14.31	377992.1	2.23	41.1	0	1.14
24/06/2022 21:00	14.3	376589.8	2.17	40.79	0.01	2.12
24/06/2022 22:00	14.3	377505.7	2.28	40.8	0.08	2.95
24/06/2022 23:00	14.3	376817.3	2.24	40.8	0.04	3.34
24/06/2022 24:00	14.26	363172.5	2.32	38.1	0.67	5.12
25/06/2022 01:00	14.26	361280.9	2.37	36.97	2.01	4.65
25/06/2022 02:00	14.26	361790.1	2.41	36.79	2.27	3.97
25/06/2022 03:00	14.24	360490.2	2.37	36.01	2.37	5.47
25/06/2022 04:00	14.24	358342.6	2.33	35.75	2.43	6.23
25/06/2022 05:00	14.24	357421	2.3	35.64	2.42	5.42
25/06/2022 06:00	14.23	353199.9	2.28	35.42	2.44	2.03
25/06/2022 07:00	14.23	351646.8	2.3	35.42	2.5	1.96
25/06/2022 08:00	14.27	333863.3	2.29	36	2.52	2.03
25/06/2022 09:00	14.32	377298	2.25	38.97	2.49	1.14
25/06/2022 10:00	14.33	379047.3	2.32	39.03	2.37	1.18
25/06/2022 11:00	14.37	381089.7	2.28	40.29	2.29	1.47
25/06/2022 12:00	14.4	383058	2.31	41.19	2.23	1.54
25/06/2022 13:00	14.41	381792.3	2.34	42.82	2.13	1.68
25/06/2022 14:00	14.38	381701.2	2.36	44.61	2.01	1.32
25/06/2022 15:00	14.37	380489.5	2.37	44.45	1.99	1.28
25/06/2022 16:00	14.39	380062.8	2.37	43.9	2.02	1.32
25/06/2022 17:00	14.37	381138	2.36	40.55	1.99	1.59
25/06/2022 18:00	14.36	377207	2.43	39.74	2.04	1.54
25/06/2022 19:00	14.36	377056.3	2.51	39.59	2.05	1.1
25/06/2022 20:00	14.35	377562.6	2.38	39.8	2.08	0.92
25/06/2022 21:00	14.34	377835.6	2.41	39.49	2.13	1.24
25/06/2022 22:00	14.32	377573.9	2.45	38.52	2.17	1.33
25/06/2022 23:00	14.31	376478.8	2.5	38.12	2.21	1.54
25/06/2022 24:00	14.27	365351.3	2.36	36.62	2.26	1.35
26/06/2022 01:00	14.25	360450.4	2.36	35.36	2.28	1.63
26/06/2022 02:00	14.24	359651.1	2.34	35.11	2.36	1.89
26/06/2022 03:00	14.24	360436.2	2.34	34.88	2.38	2.73
26/06/2022 04:00	14.24	358794.9	2.42	34.58	2.39	2.63
26/06/2022 05:00	14.23	357028.5	2.36	34.34	2.44	2.78
26/06/2022 06:00	14.22	353347.8	2.35	33.98	2.43	4.43
26/06/2022 07:00	14.22	350272.9	2.35	33.67	2.45	3.59
26/06/2022 08:00	14.24	353814.3	2.32	34.08	2.44	1.72
26/06/2022 09:00	14.27	357395.4	2.31	34.96	2.35	1.13
26/06/2022 10:00	14.3	359634	2.32	35.81	2.2	1.05
26/06/2022 11:00	14.32	359585.7	2.36	36.41	2.1	1.27
26/06/2022 12:00	14.28	358160.6	2.3	35.95	2.01	1.68
26/06/2022 13:00	14.28	357861.9	2.38	35.92	2.08	1.74
26/06/2022 14:00	14.29	356618.9	2.36	35.64	2.18	1.38
26/06/2022 15:00	14.33	356971.6	2.37	36.82	2.25	1.34
26/06/2022 16:00	14.31	358473.5	2.31	35.94	2.08	1.22
26/06/2022 17:00	14.29	356909	2.3	35.4	2.05	1.53
26/06/2022 18:00	14.29	317354.2	2.23	34.2	1.64	1.06
26/06/2022 19:00	14.32	374260.2	2.31	37.65	1.49	1.23
26/06/2022 20:00	14.32	375784.8	2.37	38.29	1.27	1.51
26/06/2022 21:00	14.34	376484.5	2.3	40.54	1.15	1.6
26/06/2022 22:00	14.34	375298.4	2.25	40.79	1	1.76
26/06/2022 23:00	14.33	374664.1	2.3	40.72	0.84	1.69
26/06/2022 24:00	14.27	351695.2	2.31	37.49	0.86	1.62
27/06/2022 01:00	14.29	354340.5	2.33	37.76	0.83	1.51
27/06/2022 02:00	14.26	355330.3	2.43	36.13	0.75	1.49
27/06/2022 03:00	14.23	355523.8	2.49	34.5	0.67	1.86
27/06/2022 04:00	14.22	354195.4	2.36	34.03	0.54	2.08
27/06/2022 05:00	14.23	352631	2.4	34.7	0.6	1.92
27/06/2022 06:00	14.23	350150.6	2.41	34.83	0.53	1.12
27/06/2022 07:00	14.23	349024.3	2.41	34.61	0.52	1.13
27/06/2022 08:00	14.26	331567.9	2.35	34.79	0.41	1.14
27/06/2022 09:00	14.31	383097.8	2.26	38.53	0.25	1.66
27/06/2022 10:00	14.33	383888.6	2.24	39.34	0.1	1.33
27/06/2022 11:00	14.37	385182.8	2.27	40.4	0.07	1.51
27/06/2022 12:00	14.33	383151.9	2.25	40.73	0.02	1.4
27/06/2022 13:00	14.23	357014.3	2.22	36.98	0.01	2.63
27/06/2022 14:00	14.28	368887	2.3	38	0.04	2.33
27/06/2022 15:00	14.29	370246.6	2.28	37.58	0.1	1.46
27/06/2022 16:00	14.32	371512.4	2.29	37.7	0.07	1.69
27/06/2022 17:00	14.33	373864.8	2.3	37.75	0.05	1.39
27/06/2022 18:00	14.32	378609.3	2.24	38.26	0.01	1.28
27/06/2022 19:00	14.31	378262.3	2.26	38.27	0.02	1.57
27/06/2022 20:00	14.3	377269.6	2.3	37.78	0	1.57



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
27/06/2022 21:00	14.29	378452.9	2.24	38.02	0	1.5
27/06/2022 22:00	14.29	379712.9	2.23	38.23	0.01	1.59
27/06/2022 23:00	14.28	378117.2	2.25	37.94	0.04	1.49
27/06/2022 24:00	14.25	368628.2	2.32	36.45	0.08	1.66
28/06/2022 01:00	14.23	362504.1	2.43	35.05	0.1	2.69
28/06/2022 02:00	14.24	363997.4	2.34	35.1	0.06	4.05
28/06/2022 03:00	14.24	363033.1	2.36	34.91	0.08	3.91
28/06/2022 04:00	14.24	360254.1	2.39	35.07	0.08	2.71
28/06/2022 05:00	14.26	358792.1	2.44	35.81	0.15	1.25
28/06/2022 06:00	14.25	353094.6	2.41	35.41	0.1	1.11
28/06/2022 07:00	14.25	353054.8	2.36	35.51	0.06	1.1
28/06/2022 08:00	14.29	332819.4	2.33	36.09	0.11	1.1
28/06/2022 09:00	14.35	380660.2	2.28	40.23	0.05	1.22
28/06/2022 10:00	14.39	385140.2	2.27	41.93	0.01	1.16
28/06/2022 11:00	14.38	385637.9	2.28	42.93	0.01	1.67
28/06/2022 12:00	14.38	384096.3	2.27	44.02	0	1.92
28/06/2022 13:00	14.36	382517.6	2.33	44.71	0	2.01
28/06/2022 14:00	14.37	380293.2	2.32	44.93	0	1.7
28/06/2022 15:00	14.38	379192.4	2.33	45.09	0	1.96
28/06/2022 16:00	14.38	378202.6	2.35	45.04	0	2.01
28/06/2022 17:00	14.37	378404.5	2.32	44.37	0	1.44
28/06/2022 18:00	14.35	381047	2.29	42.82	0	1.07
28/06/2022 19:00	14.39	383322.6	2.29	42.52	0	1.24
28/06/2022 20:00	14.38	383333.9	2.3	41.89	0	1.24
28/06/2022 21:00	14.33	380563.4	2.34	41.22	0	0.68
28/06/2022 22:00	14.31	379519.5	2.36	40.32	0.01	1.56
28/06/2022 23:00	14.32	379667.4	2.3	39.81	0.02	1.4
28/06/2022 24:00	14.28	368858.6	2.39	38.1	0	1.09
29/06/2022 01:00	14.25	361323.6	2.33	36.35	0.02	1.08
29/06/2022 02:00	14.26	361431.7	2.44	36.34	0.08	1.42
29/06/2022 03:00	14.25	359858.7	2.49	36.08	0.02	1.17
29/06/2022 04:00	14.24	357568.9	2.49	35.48	0.05	1.4
29/06/2022 05:00	14.24	356846.5	2.47	35.34	0.04	1.42
29/06/2022 06:00	14.23	352844.3	2.72	34.61	0.11	1.62
29/06/2022 07:00	14.23	351979.6	2.76	34.21	0.15	1.75
29/06/2022 08:00	14.28	331923.4	2.58	34.38	0.19	1.64
29/06/2022 09:00	14.36	384124.7	2.44	39.91	0.03	1.92
29/06/2022 10:00	14.38	384847.2	2.44	42.34	0.88	1.88
29/06/2022 11:00	14.38	382600.1	2.46	45.01	2.02	2.12
29/06/2022 12:00	14.38	381029.9	2.44	45.08	2.08	2.07
29/06/2022 13:00	14.38	379735.7	2.47	44.76	2.02	2.02
29/06/2022 14:00	14.39	377943.7	2.47	44.68	2	1.72
29/06/2022 15:00	14.38	377690.6	2.49	44.53	1.99	1.88
29/06/2022 16:00	14.4	376581.2	2.47	44.5	1.94	1.78
29/06/2022 17:00	14.39	376510.1	2.49	44.48	1.95	1.57
29/06/2022 18:00	14.38	377266.7	2.51	44.47	1.88	1.55
29/06/2022 19:00	14.37	378202.6	2.58	44.3	1.86	1.33
29/06/2022 20:00	14.36	379476.9	2.51	42.88	1.87	1.25
29/06/2022 21:00	14.34	377886.8	2.44	40.49	1.92	1.68
29/06/2022 22:00	14.35	378760.1	2.48	41.02	1.97	1.62
29/06/2022 23:00	14.34	378057.5	2.51	40.41	2.06	1.74
29/06/2022 24:00	14.32	367450.6	2.53	38.69	2.14	2.16
30/06/2022 01:00	14.29	358476.3	2.53	36.85	2.21	2.05
30/06/2022 02:00	14.3	359252.9	2.54	37.09	2.29	1.8
30/06/2022 03:00	14.3	358621.4	2.56	36.98	2.33	1.86
30/06/2022 04:00	14.29	356240.6	2.56	36.46	2.39	1.96
30/06/2022 05:00	14.27	354277.9	2.55	36.1	2.41	1.83
30/06/2022 06:00	14.26	350144.9	2.56	35.18	2.44	2.1
30/06/2022 07:00	14.26	349294.5	2.58	35.04	2.51	2.25
30/06/2022 08:00	14.3	328123.3	2.5	35.18	2.47	2.18
30/06/2022 09:00	14.37	378851.1	2.45	40.32	2.35	2.23
30/06/2022 10:00	14.4	380830.8	2.46	41.22	2.31	1.98
30/06/2022 11:00	14.41	381971.4	2.45	41.82	2.22	2.2
30/06/2022 12:00	14.39	381647.2	2.46	43.14	2.13	2.14
30/06/2022 13:00	14.38	379926.3	2.48	44.53	2.07	1.89
30/06/2022 14:00	14.38	377488.6	2.49	44.47	2	1.7
30/06/2022 15:00	14.39	376916.9	2.52	44.67	2.01	1.71
30/06/2022 16:00	14.4	375659.6	2.52	44.77	1.98	1.96
30/06/2022 17:00	14.4	375693.8	2.55	45.24	1.96	1.96
30/06/2022 18:00	14.39	376151.7	2.56	44.82	1.94	1.81
30/06/2022 19:00	14.36	375079.3	2.43	41.33	1.9	1.7
30/06/2022 20:00	14.33	372877.8	2.41	41.4	1.98	1.05
30/06/2022 21:00	14.32	375585.7	2.48	40.51	2.13	1.22
30/06/2022 22:00	14.29	375887.2	2.53	39.33	2.23	2.35
30/06/2022 23:00	14.3	375423.5	2.46	38.71	2.3	3.07
30/06/2022 24:00	14.3	369168.6	2.5	38.47	2.39	2.36
Minimum	14.2	216590	1.63	33.67	0	0.62
MinDate	04/06/2022 08:00	11/06/2022 08:00	05/06/2022 23:00	26/06/2022 07:00	23/06/2022 05:00	19/06/2022 19:00
Maximum	16.67	393022.1	161.57	59.83	5.63	25.69
MaxDate	11/06/2022 08:00	14/06/2022 22:00	03/06/2022 18:00	05/06/2022 18:00	05/06/2022 18:00	04/06/2022 08:00
Avg	14.35	373673.7	2.65	41.43	1.42	2.06
Num	607	607	603	607	607	607
Data[%]	84.3	84.3	83.8	84.3	84.3	84.3
STD	0.2	19476.7	9	4.2	3.7	2.7



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
01/06/2022 01:00	13.91	366204.7	0	25.18	1.72	0.39
01/06/2022 02:00	13.91	368562.7	0	25.12	1.77	0.44
01/06/2022 03:00	13.91	369137.3	0	24.71	1.83	0.38
01/06/2022 04:00	13.9	367843.1	0	24.33	1.94	0.59
01/06/2022 05:00	13.89	366321.3	0	24.19	1.9	0.87
01/06/2022 06:00	13.89	365396.9	0	24.15	1.89	0.86
01/06/2022 07:00	13.88	364990.1	0	23.94	1.93	1.09
01/06/2022 08:00	13.85	328680.8	0	25.27	2.01	0.98
01/06/2022 09:00	13.95	385913.8	0	25.4	2.02	0.38
01/06/2022 10:00	13.97	387026	0	27.11	1.42	0.13
01/06/2022 11:00	13.99	385086.1	0	30.03	0.66	0.05
01/06/2022 12:00	14.01	384119	0	30.76	0.45	0.1
01/06/2022 13:00	14.02	382073.8	0	31.1	0.38	0.1
01/06/2022 14:00	14.02	380714.2	0	30.94	0.46	0.06
01/06/2022 15:00	14.03	380389.9	0	31.1	0.48	0.06
01/06/2022 16:00	14.02	379681.7	0	30.87	0.57	0.07
01/06/2022 17:00	14.01	380984.4	0	30.81	0.51	0.01
01/06/2022 18:00	14.01	380933.2	0	30.92	0.38	0.04
01/06/2022 19:00	13.98	382042.6	0	28.66	0.37	0.04
01/06/2022 20:00	13.97	383240.1	0	26.77	0.45	0.13
01/06/2022 21:00	13.98	384269.8	0	26.91	0.52	0.25
01/06/2022 22:00	13.98	385364.9	0	27.01	0.48	0.88
01/06/2022 23:00	13.96	384414.8	0	26.79	0.59	0.3
01/06/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
02/06/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
02/06/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
02/06/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
02/06/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
02/06/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
02/06/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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02/06/2022 08:00	16.07	203027.5	<Samp	37.88	<Samp	2.78
02/06/2022 09:00	13.92	386050.4	0.01	27.17	0.3	0.26
02/06/2022 10:00	14	385202.7	0	29.57	0.23	0.09
02/06/2022 11:00	14.02	383609.8	0	29.96	0.14	0.08
02/06/2022 12:00	14.04	382236	0	30.49	0.18	0.04
02/06/2022 13:00	14.04	380170.9	0	30.37	0.21	0.04
02/06/2022 14:00	14.04	378737.3	0	30.47	0.29	0.03
02/06/2022 15:00	14.01	379804	0	29.36	0.24	0.05
02/06/2022 16:00	13.96	380694.3	0	28.08	0.18	0.02
02/06/2022 17:00	13.97	379986	0	28.66	0.19	0.1
02/06/2022 18:00	13.98	379951.9	0	29.06	0.18	0.14
02/06/2022 19:00	13.98	380563.4	0.01	28.06	0.21	0.14
02/06/2022 20:00	14	382207.5	0	26.73	0.2	0.15
02/06/2022 21:00	13.98	382762.2	0	26.24	0.2	0.23
02/06/2022 22:00	13.97	383265.7	0	26.15	0.3	0.89
02/06/2022 23:00	13.96	382153.5	0	26.23	0.28	0.35
02/06/2022 24:00	13.91	369598.1	0	26.29	0.38	0.41
03/06/2022 01:00	13.93	366642.7	0	25.85	0.35	0.4
03/06/2022 02:00	13.91	367311.2	0	25.66	0.33	0.41
03/06/2022 03:00	13.9	367885.8	0	25.48	0.4	0.64
03/06/2022 04:00	13.9	367416.4	0	25.41	0.5	0.89
03/06/2022 05:00	13.89	365103.9	0	25.25	0.43	1.03
03/06/2022 06:00	13.89	364896.3	0	25.28	0.45	1.24
03/06/2022 07:00	13.9	364344.4	0	25.65	0.49	1.16
03/06/2022 08:00	13.91	364771.1	0	25.83	0.5	0.71
03/06/2022 09:00	13.89	366517.6	0	25.07	0.52	0.64
03/06/2022 10:00	13.9	367624.1	0	25.13	0.53	0.57
03/06/2022 11:00	13.9	366719.5	0	25.01	0.49	0.5
03/06/2022 12:00	13.91	366520.4	0	25.17	0.47	0.33
03/06/2022 13:00	13.94	369683.4	0	25.68	0.38	0.2
03/06/2022 14:00	13.94	370263.7	0	25.59	0.37	0.2
03/06/2022 15:00	13.94	370940.7	0	25.38	0.34	0.12
03/06/2022 16:00	13.94	369899.6	0	25.42	0.33	0.2
03/06/2022 17:00	13.95	368969.5	0	25.88	0.29	0.2
03/06/2022 18:00	13.9	307131.3	0	28.8	0.27	0.32
03/06/2022 19:00	13.95	366179.1	0	26.47	0.3	0.26
03/06/2022 20:00	13.95	365943	0	26.35	0.28	0.33
03/06/2022 21:00	13.94	367066.6	0	26.16	0.34	0.37
03/06/2022 22:00	13.94	365820.7	0	26.86	0.3	0.91
03/06/2022 23:00	13.92	359830.3	0	27.93	0.47	0.15
03/06/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
04/06/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/06/2022 02:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/06/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/06/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/06/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/06/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
04/06/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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04/06/2022 09:00	13.91	376834.4	0	26.13	0.22	0.38
04/06/2022 10:00	13.98	379769.8	0	25.71	0.17	0.24
04/06/2022 11:00	14	381186.4	0	26.77	0.13	0.24
04/06/2022 12:00	14.02	380392.8	0	27.43	0.12	0.22
04/06/2022 13:00	14.05	382176.3	0	28.01	0.07	0.14
04/06/2022 14:00	14.05	382472.1	0	28.36	0.04	0.14
04/06/2022 15:00	14.04	381857.7	0	28.77	0.04	0.14
04/06/2022 16:00	14.05	381763.8	0	28.96	0.07	0.16
04/06/2022 17:00	14.05	381337.1	0	29.03	0.08	0.15
04/06/2022 18:00	14.02	376512.9	0	28.26	0.1	0.14
04/06/2022 19:00	14	374695.3	0	27.59	0.13	0.17
04/06/2022 20:00	13.98	375196	0	27.16	0.15	0.22
04/06/2022 21:00	13.96	374669.8	0	27.01	0.16	0.29



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
04/06/2022 22:00	13.95	373321.5	0	26.43	0.21	1.15
04/06/2022 23:00	13.93	373460.9	0	25.93	0.17	0.52
04/06/2022 24:00	13.92	352156	0	26.67	0.22	0.54
05/06/2022 01:00	13.92	368281.1	0	25.97	0.26	0.44
05/06/2022 02:00	13.93	368187.3	0	26.54	0.33	0.32
05/06/2022 03:00	13.92	366989.8	0	26.7	0.39	0.18
05/06/2022 04:00	13.9	366776.4	0	26.24	0.46	0.41
05/06/2022 05:00	13.89	366085.2	0	26	0.45	1.21
05/06/2022 06:00	13.88	365337.1	0	25.94	0.55	1.25
05/06/2022 07:00	13.88	365897.5	0	25.7	0.57	1.36
05/06/2022 08:00	13.89	366116.5	0	25.48	0.61	1.27
05/06/2022 09:00	13.92	368235.6	0	25.87	0.44	0.62
05/06/2022 10:00	13.92	369242.6	0	25.84	0.31	0.28
05/06/2022 11:00	13.96	369728.9	0	26.85	0.2	0.22
05/06/2022 12:00	14.02	371350.3	0	28.36	0.13	0.15
05/06/2022 13:00	14.06	373830.6	0	29.29	0.07	0.14
05/06/2022 14:00	14.05	373452.3	0	29.03	0.08	0.08
05/06/2022 15:00	14.07	373833.5	0	29.35	0.09	0.03
05/06/2022 16:00	14.05	372971.6	0	29.43	0.07	0.07
05/06/2022 17:00	14.03	371381.6	0	29.04	0.05	0.05
05/06/2022 18:00	13.89	311662.5	0	28.71	0.1	0.14
05/06/2022 19:00	13.96	369308	0	27.3	0.14	0.15
05/06/2022 20:00	13.96	369154.4	0	27.59	0.15	0.17
05/06/2022 21:00	13.91	365809.3	0	26.96	0.23	0.18
05/06/2022 22:00	13.89	365519.2	0	26.44	0.37	0.84
05/06/2022 23:00	13.89	362475.6	0	27.46	0.4	0.18
05/06/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
06/06/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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06/06/2022 09:00	13.96	378811.3	0	27.95	0.18	0.35
06/06/2022 10:00	14.04	381823.5	0	27.85	0.1	0.2
06/06/2022 11:00	14.08	381772.3	0	28.26	0.63	0.18
06/06/2022 12:00	14.08	380899.1	0	28.21	0.99	0.22
06/06/2022 13:00	14.07	380668.7	0	28.62	1.06	0.18
06/06/2022 14:00	14.03	380819.4	0	29.79	1.02	0.2
06/06/2022 15:00	14.04	379007.5	0	30.25	1.04	0.22
06/06/2022 16:00	14.04	378182.6	0	30.51	0.92	0.22
06/06/2022 17:00	14.04	378279.3	0	30.62	0.95	0.24
06/06/2022 18:00	14.04	378333.4	0	29.93	0.94	0.25
06/06/2022 19:00	14.06	379781.2	0	28.81	0.97	0.14
06/06/2022 20:00	14	374843.3	0	27.66	0.91	0.2
06/06/2022 21:00	13.99	375693.8	0	27.81	1.04	0.39
06/06/2022 22:00	13.97	374041.1	0	27.45	1.13	1.1
06/06/2022 23:00	13.96	373753.8	0	26.94	1.19	0.53
06/06/2022 24:00	13.94	361201.3	0	27.21	1.3	0.44
07/06/2022 01:00	13.97	363786.9	0	27.63	1.41	0.32
07/06/2022 02:00	13.98	366349.8	0	27.78	1.41	0.35
07/06/2022 03:00	13.97	366162	0	27.67	1.44	0.33
07/06/2022 04:00	13.97	365394	0	27.28	1.47	0.36
07/06/2022 05:00	13.96	363772.7	0	26.86	1.53	0.34
07/06/2022 06:00	13.95	363220.9	0	26.34	1.53	0.36
07/06/2022 07:00	13.93	363149.8	0	26.08	1.55	0.4
07/06/2022 08:00	13.9	345767.3	0	26.06	1.55	0.38
07/06/2022 09:00	14	379676	0	27.62	1.51	0.2
07/06/2022 10:00	14.04	381815	0	27.99	1.38	0.26
07/06/2022 11:00	14.06	383180.3	0	28.7	1.32	0.19
07/06/2022 12:00	14.05	382546	0	29.11	1.21	0.17
07/06/2022 13:00	14.04	382270.1	0	29.81	1.15	0.18
07/06/2022 14:00	14.05	381914.6	0	29.38	1.14	0.13
07/06/2022 15:00	14.03	380685.8	0	30.12	1.14	0.17
07/06/2022 16:00	14.04	379274.9	0	31.13	1.16	0.15
07/06/2022 17:00	14.03	380654.5	0	31.17	1.14	0.17
07/06/2022 18:00	14.05	379576.4	0	29.98	1.1	0.2
07/06/2022 19:00	14.04	377369.1	0	28.66	1.13	0.12
07/06/2022 20:00	14.02	374254.5	0	28.55	1.14	0.12
07/06/2022 21:00	14.02	375747.8	0	28.76	1.21	0.22
07/06/2022 22:00	14.01	376026.6	0	28.74	1.31	0.87
07/06/2022 23:00	14	375062.3	0	28.46	1.3	0.27
07/06/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
08/06/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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08/06/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
08/06/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
08/06/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
08/06/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
08/06/2022 07:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
08/06/2022 08:00	16.17	199172	<Samp	43.12	<Samp	1.95
08/06/2022 09:00	14.01	384582.6	0	27.6	1.53	0.21
08/06/2022 10:00	14.07	385507.1	0	28.39	1.39	0.31
08/06/2022 11:00	14.05	383424.9	0	30.41	0.78	0.24
08/06/2022 12:00	14.04	383698	0	30.21	0.27	0.15
08/06/2022 13:00	14.03	381991.3	0	30.46	0.16	0.26
08/06/2022 14:00	14.01	380645.9	0	30.72	0.17	0.23
08/06/2022 15:00	14.03	378714.6	0	31.13	0.2	0.26
08/06/2022 16:00	14.02	379394.4	0	30.8	0.18	0.19
08/06/2022 17:00	14.01	379755.6	0	30.17	0.13	0.18
08/06/2022 18:00	14.01	378063.2	0	28.66	0.11	0.3



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
08/06/2022 19:00	13.99	374905.8	0	28.25	0.13	0.35
08/06/2022 20:00	13.98	374442.2	0	27.87	0.24	0.38
08/06/2022 21:00	13.98	376561.3	0	27.81	0.28	0.36
08/06/2022 22:00	13.97	376814.5	0	27.87	0.29	0.97
08/06/2022 23:00	13.96	375019.6	0	27.58	0.29	0.4
08/06/2022 24:00	13.93	361377.7	0	27.55	0.34	0.43
09/06/2022 01:00	13.95	365109.6	0	27.77	0.35	0.45
09/06/2022 02:00	13.94	366767.9	0	27.51	0.39	0.46
09/06/2022 03:00	13.93	366281.5	0.03	27.18	0.46	0.41
09/06/2022 04:00	13.92	366281.5	0.02	26.74	0.47	0.45
09/06/2022 05:00	13.91	364444	0.09	26.41	0.43	0.5
09/06/2022 06:00	13.89	362518.3	0.02	25.89	0.54	0.61
09/06/2022 07:00	13.89	363036	0	25.79	0.53	0.86
09/06/2022 08:00	13.84	332628.9	0	26.11	0.26	0.56
09/06/2022 09:00	13.96	381138	0	27.19	0.11	0.22
09/06/2022 10:00	14	383279.9	0	30.58	0.03	0.17
09/06/2022 11:00	14.02	381667.1	0	30.73	0.34	0.17
09/06/2022 12:00	14.03	381175	0	30.62	0.81	0.14
09/06/2022 13:00	14.03	379565	0	30.76	0.88	0.14
09/06/2022 14:00	14.02	379462.6	0	30.34	0.92	0.1
09/06/2022 15:00	14.03	378447.2	0	30.39	0.97	0.11
09/06/2022 16:00	14.03	378427.3	0	30.57	0.94	0.14
09/06/2022 17:00	14.03	378734.5	0	30.41	0.96	0.13
09/06/2022 18:00	14.03	378882.4	0	30.27	0.94	0.1
09/06/2022 19:00	14.01	380159.5	0	28.12	0.9	0.1
09/06/2022 20:00	13.91	368542.8	0	26.92	0.87	2.27
09/06/2022 21:00	13.9	369948	0	26.79	1.04	8.17
09/06/2022 22:00	13.92	370004.9	0	27.11	1.15	1.11
09/06/2022 23:00	13.91	369416.1	0	25.93	1.3	0.13
09/06/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
10/06/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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10/06/2022 09:00	13.96	383672.4	0	26.01	1.55	0.18
10/06/2022 10:00	14.02	383678.1	0	27.26	0.92	0.26
10/06/2022 11:00	14	382526.1	0	29.12	0.34	0.23
10/06/2022 12:00	13.99	381052.7	0	29.43	0.14	0.21
10/06/2022 13:00	13.99	379456.9	0	29.58	0.08	0.22
10/06/2022 14:00	14	378270.8	0	29.72	0.14	0.23
10/06/2022 15:00	14	377832.8	0	29.8	0.12	0.22
10/06/2022 16:00	14.01	376146	0	29.97	0.13	0.18
10/06/2022 17:00	14.01	375255.7	0	29.79	0.06	0.16
10/06/2022 18:00	14.01	376057.8	0	29.97	0.09	0.14
10/06/2022 19:00	13.98	375312.6	0	27.47	0.14	0.01
10/06/2022 20:00	13.92	370701.8	0	27.05	0.18	0.8
10/06/2022 21:00	13.92	372729.8	0	26.62	0.27	0.85
10/06/2022 22:00	13.92	373506.4	0	26.42	0.26	1.51
10/06/2022 23:00	13.92	374243.1	0	26.09	0.34	0.76
10/06/2022 24:00	13.9	366443.6	0	26.4	0.32	0.63
11/06/2022 01:00	13.91	366400.9	0	26.13	0.29	0.53
11/06/2022 02:00	13.92	368796	0	26.4	0.31	0.47
11/06/2022 03:00	13.93	368454.6	0	26.54	0.31	0.46
11/06/2022 04:00	13.93	367900	0	26.55	0.48	0.4
11/06/2022 05:00	13.93	366543.2	0	26.7	0.47	0.4
11/06/2022 06:00	13.9	364731.3	0.01	25.97	0.38	0.56
11/06/2022 07:00	13.88	364392.8	0	25.54	0.41	0.77
11/06/2022 08:00	13.86	329724.7	0	26.67	0.26	0.44
11/06/2022 09:00	13.98	376786	0	28.05	0.09	0.16
11/06/2022 10:00	14	379047.3	0	28.75	0.03	0.12
11/06/2022 11:00	14.04	380361.5	0	29.66	0.02	0.12
11/06/2022 12:00	14.04	379431.3	0	29.51	0	0.15
11/06/2022 13:00	14.04	380597.6	0	29.34	0	0.14
11/06/2022 14:00	14.01	379602	0	30.86	0	0.18
11/06/2022 15:00	14.01	379533.8	0	31.1	0.02	0.17
11/06/2022 16:00	14.01	379149.8	0	31.05	0.04	0.18
11/06/2022 17:00	14.01	378774.3	0	31.17	0.03	0.15
11/06/2022 18:00	14.05	376990.8	0	29.93	0.01	0.15
11/06/2022 19:00	14.03	376049.3	0	28.8	0.02	0.14
11/06/2022 20:00	13.99	372954.6	0	28.53	0.09	0.24
11/06/2022 21:00	13.98	374479.2	0	28.08	0.05	0.36
11/06/2022 22:00	13.96	373361.3	0	27.86	0.16	0.96
11/06/2022 23:00	13.96	372866.4	0	27.62	0.13	0.34
11/06/2022 24:00	13.91	360316.7	0	27.04	0.17	0.43
12/06/2022 01:00	13.89	354343.3	0	26.11	0.21	0.5
12/06/2022 02:00	13.89	355301.9	0	25.82	0.25	0.58
12/06/2022 03:00	13.87	354212.5	0	25.47	0.25	0.6
12/06/2022 04:00	13.86	351351	0.01	25.22	0.26	0.63
12/06/2022 05:00	13.84	349129.5	0.06	24.83	0.25	0.59
12/06/2022 06:00	13.82	346085.9	0.06	24.57	0.2	0.51
12/06/2022 07:00	13.83	341506.4	0	25.14	0.18	0.29
12/06/2022 08:00	13.87	342453.6	0	25.9	0.07	0.21
12/06/2022 09:00	13.89	342934.3	0	26.75	0.02	0.15
12/06/2022 10:00	13.91	344222.8	0	26.48	0	0.16
12/06/2022 11:00	13.92	345010.7	0	27.08	0	0.15
12/06/2022 12:00	13.9	346885.2	0	24.55	0	0.22
12/06/2022 13:00	13.9	347570.7	0	23.43	0	0.23
12/06/2022 14:00	13.92	351314	0	23.09	0	0.19
12/06/2022 15:00	13.93	354795.6	0	25.03	0	0.15



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
12/06/2022 16:00	13.94	354863.9	0	25	0	0.17
12/06/2022 17:00	13.96	355691.6	0	7.02	0	0.12
12/06/2022 18:00	13.93	350765	0	5.81	0	0.16
12/06/2022 19:00	13.97	375611.3	0	5.22	0	0.08
12/06/2022 20:00	13.96	374061	0	0	0	0.14
12/06/2022 21:00	13.94	371526.6	0	0	0	0.15
12/06/2022 22:00	13.86	367308.3	0	0.2	0	0.99
12/06/2022 23:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
12/06/2022 24:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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13/06/2022 08:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
13/06/2022 09:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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13/06/2022 11:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
13/06/2022 12:00	12.76	380979	0.07	0	0	0.1
13/06/2022 13:00	14	381260.3	0	0	0	0.15
13/06/2022 14:00	13.94	380307.4	0	0	0	0.14
13/06/2022 15:00	13.95	379101.4	0	0	0	0.13
13/06/2022 16:00	13.96	379084.3	0	0	0	0.03
13/06/2022 17:00	<Samp	378279.3	<Samp	<Samp	<Samp	0.05
13/06/2022 18:00	13.93	379158.3	Maintain	Maintain	Maintain	0.01
13/06/2022 19:00	13.94	380045.8	Maintain	Maintain	Maintain	0.14
13/06/2022 20:00	13.93	381607.3	Maintain	Maintain	Maintain	0.17
13/06/2022 21:00	13.91	382045.4	Maintain	Maintain	Maintain	0.21
13/06/2022 22:00	13.93	381413.9	Maintain	Maintain	Maintain	0.87
13/06/2022 23:00	13.95	379166.8	Maintain	Maintain	Maintain	0.28
13/06/2022 24:00	13.91	363309	Maintain	Maintain	Maintain	0.32
14/06/2022 01:00	13.92	365081.1	Maintain	Maintain	Maintain	0.35
14/06/2022 02:00	13.92	367703.7	Maintain	Maintain	Maintain	0.41
14/06/2022 03:00	13.91	368087.7	Maintain	Maintain	Maintain	0.45
14/06/2022 04:00	13.9	366543.2	Maintain	Maintain	Maintain	0.46
14/06/2022 05:00	13.89	364887.7	Maintain	Maintain	Maintain	0.56
14/06/2022 06:00	13.89	364404.2	Maintain	Maintain	Maintain	0.6
14/06/2022 07:00	13.88	364449.7	Maintain	Maintain	Maintain	0.52
14/06/2022 08:00	13.85	328640.9	Maintain	Maintain	Maintain	0.45
14/06/2022 09:00	13.91	381536.3	Maintain	Maintain	Maintain	0.16
14/06/2022 10:00	15.83	384440.4	Maintain	Maintain	Maintain	0.09
14/06/2022 11:00	<Samp	StandBy	StandBy	StandBy	StandBy	<Samp
14/06/2022 12:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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14/06/2022 15:00	Calib	<Samp	StandBy	StandBy	StandBy	<Samp
14/06/2022 16:00	Calib	383439.2	Calib	Calib	Calib	0.13
14/06/2022 17:00	13.74	381826.4	0	47.79	0	0.34
14/06/2022 18:00	13.93	380003.1	0.05	error	0	0.28
14/06/2022 19:00	13.93	378876.7	0	error	0	0.24
14/06/2022 20:00	13.93	377679.2	0	error	0	0.24
14/06/2022 21:00	13.94	378981.9	0	45.69	0	0.31
14/06/2022 22:00	13.92	379289.1	0	37.29	0	0.96
14/06/2022 23:00	13.91	377389	0	45.61	0	0.41
14/06/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
15/06/2022 01:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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15/06/2022 03:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/06/2022 04:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/06/2022 05:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
15/06/2022 06:00	StandBy	StandBy	StandBy	StandBy	StandBy	StandBy
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15/06/2022 08:00	16.07	202111.9	<Samp	<Samp	<Samp	2.76
15/06/2022 09:00	13.91	385581	0	error	0	0.33
15/06/2022 10:00	13.97	384995.1	0	error	0	0.19
15/06/2022 11:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
15/06/2022 12:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
15/06/2022 13:00	13.98	382309.9	0.24	error	0	0.08
15/06/2022 14:00	13.95	381874.7	0	error	0	0.32
15/06/2022 15:00	<Samp	380352.9	<Samp	<Samp	<Samp	0.18
15/06/2022 16:00	<Samp	378391.2	<Samp	<Samp	<Samp	0.17
15/06/2022 17:00	14.08	381871.9	0	32.67	0.2	0.07
15/06/2022 18:00	14.05	377548.3	0	29.88	0	0.27
15/06/2022 19:00	13.99	374433.7	0	27.58	0	0.54
15/06/2022 20:00	13.97	375841.7	0	27.18	0	0.79
15/06/2022 21:00	13.97	377238.3	0	27.23	0	0.83
15/06/2022 22:00	13.98	376120.4	0	27.46	0	1.6
15/06/2022 23:00	13.98	375272.8	0	27.66	0	1.09
15/06/2022 24:00	13.95	361406.1	0	27.99	0	1.03
16/06/2022 01:00	13.97	365411.1	0	27.47	0	0.91
16/06/2022 02:00	13.97	367006.8	0	27.6	0	0.82
16/06/2022 03:00	13.97	366989.8	0	27.56	0	0.85
16/06/2022 04:00	13.96	366372.5	0	27.44	0	0.78
16/06/2022 05:00	13.96	364452.5	0	27.25	0	1.02
16/06/2022 06:00	13.96	364333	0	27.27	0	1.07
16/06/2022 07:00	13.96	364173.8	0	27.2	0	1.09
16/06/2022 08:00	13.91	343272.8	0	27.46	0	0.85
16/06/2022 09:00	14.01	382005.6	0	28.33	0	0.46
16/06/2022 10:00	14.03	383735	0	27.76	0	0.35
16/06/2022 11:00	14.03	383698	0	28.92	0	0.28
16/06/2022 12:00	14.01	379784.1	0.07	28.09	0	0.16



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
16/06/2022 13:00	13.98	376714.9	0.45	27.61	0	0.77
16/06/2022 14:00	14.01	378782.8	0	27.77	0	0.69
16/06/2022 15:00	14.02	382005.6	0	29.3	0	0.35
16/06/2022 16:00	14.04	380691.4	0	29.83	0	0.23
16/06/2022 17:00	14.06	380338.7	0	30.04	0	0.2
16/06/2022 18:00	14.07	380691.4	0	29.5	0	0.17
16/06/2022 19:00	14.07	381263.2	0	28	0	0.16
16/06/2022 20:00	14.07	380281.8	0	27.46	0	0.2
16/06/2022 21:00	14.06	380589	0	27.3	0	0.17
16/06/2022 22:00	14.04	380387.1	0	27.35	0	0.87
16/06/2022 23:00	14.02	378441.5	0	27.03	0	0.35
16/06/2022 24:00	13.98	366799.2	0	27.01	0	0.46
17/06/2022 01:00	13.96	361485.8	0	25.52	0	0.54
17/06/2022 02:00	13.95	361875.4	0	25.22	0	0.61
17/06/2022 03:00	13.95	361133	0	25.17	0	0.71
17/06/2022 04:00	13.94	359708	0	25.09	0	0.7
17/06/2022 05:00	13.92	355412.9	0	24.87	0	0.67
17/06/2022 06:00	13.89	349746.7	0	24.54	0	0.7
17/06/2022 07:00	13.89	349260.3	0	24.34	0	0.95
17/06/2022 08:00	13.93	360262.6	0	24.72	0	0.69
17/06/2022 09:00	13.99	385612.3	0	27.82	0	0.37
17/06/2022 10:00	14.06	384522.9	0	28.38	0	0.24
17/06/2022 11:00	14.06	383470.5	0	29.65	0	0.16
17/06/2022 12:00	14.07	381237.6	0	29.88	0	0.12
17/06/2022 13:00	14.08	379437	0	29.77	0	0.09
17/06/2022 14:00	14.07	379104.3	0	29.29	0	0.06
17/06/2022 15:00	14.07	378125.8	0	29.11	0	0.05
17/06/2022 16:00	14.07	377704.8	0	28.99	0	0.07
17/06/2022 17:00	14.08	376862.8	0	29.19	0	0.06
17/06/2022 18:00	14.08	378839.7	0	29.05	0	0.06
17/06/2022 19:00	14.07	378697.5	0	27.66	0	0.06
17/06/2022 20:00	14.07	379220.9	0	25.68	0	0.14
17/06/2022 21:00	14.04	380853.6	0	24.94	0	0.3
17/06/2022 22:00	14.04	381968.6	0	25.11	0	1
17/06/2022 23:00	14.03	380890.6	0	24.87	0	0.47
17/06/2022 24:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 01:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 02:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 03:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 04:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 05:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 06:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 07:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 08:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 09:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 10:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 11:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 12:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 13:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 14:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 15:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 16:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 17:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 18:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 19:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 20:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 21:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 22:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 23:00	NoData	NoData	NoData	NoData	NoData	NoData
18/06/2022 24:00	NoData	NoData	NoData	NoData	NoData	NoData
19/06/2022 01:00	NoData	NoData	NoData	NoData	NoData	NoData
19/06/2022 02:00	---	---	---	---	---	---
19/06/2022 03:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
19/06/2022 04:00	13.95	350981.2	0	23.36	0	0.5
19/06/2022 05:00	13.93	347226.6	0	23.42	0	0.58
19/06/2022 06:00	13.91	341099.6	0	23.39	0	0.64
19/06/2022 07:00	13.91	337868.3	0	23.73	0	0.57
19/06/2022 08:00	13.93	335652.5	0	24.55	0	0.33
19/06/2022 09:00	13.95	337171.4	0	24.49	0	0.2
19/06/2022 10:00	13.97	338898	0	24.15	0	0.18
19/06/2022 11:00	14	339196.7	0	24.39	0	0.19
19/06/2022 12:00	14.03	340175.2	0	24.09	0	0.16
19/06/2022 13:00	14.04	341264.6	0	23.98	0	0.07
19/06/2022 14:00	14.05	343378	0	24.23	0	0.06
19/06/2022 15:00	14.07	346908	0	24.04	0	0.16
19/06/2022 16:00	14.09	347269.2	0	24.44	0	0.2
19/06/2022 17:00	14.09	346922.2	0	24.11	0	0.18
19/06/2022 18:00	14.09	318873.1	0	26.49	0	0.17
19/06/2022 19:00	14.04	367345.3	0	23.64	0	0
19/06/2022 20:00	13.95	362834	0	22.5	0	0.2
19/06/2022 21:00	13.96	363471.2	0	22.82	0	0.45
19/06/2022 22:00	13.98	363877.9	0	23.16	0	0.73
19/06/2022 23:00	13.96	362706	0	22.71	0	0.31
19/06/2022 24:00	13.89	338787.1	0	22.3	0	0.62
20/06/2022 01:00	13.88	340772.5	0	21.65	0	0.46
20/06/2022 02:00	13.88	340975.8	0	21.55	0	0.32
20/06/2022 03:00	13.89	340636	0	21.77	0	0.5
20/06/2022 04:00	13.89	337922.4	0	21.89	0	0.55
20/06/2022 05:00	13.88	336929.7	0	21.8	0	0.43
20/06/2022 06:00	13.89	334947.1	0	22.47	0	0.48
20/06/2022 07:00	13.89	335700.9	0	22.42	0	0.45
20/06/2022 08:00	13.99	320306.7	0	27.37	0	0.32
20/06/2022 09:00	14.07	377030.6	0	25.16	0	0.13



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
20/06/2022 10:00	14.12	380364.3	0	26.1	0	0.06
20/06/2022 11:00	14.13	380711.3	0	26.45	0	0.01
20/06/2022 12:00	14.12	380700	0	28.35	0	0.04
20/06/2022 13:00	14.11	379900.7	0	28.09	0	0.03
20/06/2022 14:00	14.13	377992.1	0	28.47	0	0.1
20/06/2022 15:00	14.12	376754.7	0	27.74	0	0.08
20/06/2022 16:00	14.12	376700.7	0	27.34	0	0.07
20/06/2022 17:00	14.13	376535.7	0	27.68	0	0.09
20/06/2022 18:00	14.12	376990.8	0	27.15	0	0.12
20/06/2022 19:00	14.11	377847	0	26.6	0	0.11
20/06/2022 20:00	14.07	377184.3	0	24.11	0	0.04
20/06/2022 21:00	14.03	375298.4	0	22.79	0	0.31
20/06/2022 22:00	14.01	375656.8	0	22.37	0	1.06
20/06/2022 23:00	13.97	369717.6	0	22.81	0	0.5
20/06/2022 24:00	13.94	359412.2	0	21.96	0	1.13
21/06/2022 01:00	13.91	349772.3	0	21.01	0	1.71
21/06/2022 02:00	13.92	351965.4	0	20.73	0	1.75
21/06/2022 03:00	13.91	350159.2	0	20.75	0	1.34
21/06/2022 04:00	13.9	348236.3	0	20.67	0	0.92
21/06/2022 05:00	13.89	347072.9	0	20.5	0	0.72
21/06/2022 06:00	13.88	340636	0	20.52	0	0.76
21/06/2022 07:00	13.89	342775	0	20.65	0	0.82
21/06/2022 08:00	13.96	341594.6	0	22.68	0	0.8
21/06/2022 09:00	14.02	378080.3	0	22.95	0	0.47
21/06/2022 10:00	14.08	382622.8	0	23.91	0	0.24
21/06/2022 11:00	14.06	381692.7	0	25.85	0	0.1
21/06/2022 12:00	14.06	380404.2	0	26.2	0	0.09
21/06/2022 13:00	14.08	377997.8	0	26.4	0	0.1
21/06/2022 14:00	14.08	377397.6	0	26.1	0	0.04
21/06/2022 15:00	14.08	377087.5	0	25.86	0	0.13
21/06/2022 16:00	14.09	376128.9	0	25.79	0	0.06
21/06/2022 17:00	14.08	376584.1	0	25.41	0	0.1
21/06/2022 18:00	14.09	376470.3	0	25.68	0	0.08
21/06/2022 19:00	14.08	378174.1	0	24.79	0	0.08
21/06/2022 20:00	14.07	376086.3	0	22.49	0	0.13
21/06/2022 21:00	13.97	371193.8	0	21.15	0	1.08
21/06/2022 22:00	13.98	373034.2	0	21.82	0	1.25
21/06/2022 23:00	13.98	371913.5	0	21.93	0	0.09
21/06/2022 24:00	13.95	361667.8	0	21.82	0	0.26
22/06/2022 01:00	13.93	352545.7	0	21.1	0	0.36
22/06/2022 02:00	13.93	352943.9	0	20.84	0	0.75
22/06/2022 03:00	13.93	352887	0	20.68	0	0.8
22/06/2022 04:00	13.92	350045.4	0	20.62	0	0.75
22/06/2022 05:00	13.9	348259.1	0	20.42	0	0.86
22/06/2022 06:00	13.88	341981.4	0	20.18	0	1.02
22/06/2022 07:00	13.89	342001.3	0	20.38	0	1.2
22/06/2022 08:00	13.92	330142.8	0	22.46	0	0.94
22/06/2022 09:00	14.01	375127.7	0	22.15	0	0.48
22/06/2022 10:00	14.04	377929.5	0	22.51	0	0.38
22/06/2022 11:00	14.1	381314.4	0	23.71	0	0.3
22/06/2022 12:00	14.11	380458.2	0	24.05	0	0.19
22/06/2022 13:00	14.12	381246.1	0	24.93	0	0.26
22/06/2022 14:00	14.09	380771.1	0	26.41	0	0.26
22/06/2022 15:00	14.11	379456.9	0	26.54	0	0.27
22/06/2022 16:00	14.11	378194	0	26.39	0	0.26
22/06/2022 17:00	14.12	377443.1	0	26.53	0	0.21
22/06/2022 18:00	14.13	378910.8	0	25.57	0	0.17
22/06/2022 19:00	14.13	379801.1	0	25.18	0	0.18
22/06/2022 20:00	14.07	375924.2	0	22.5	0	0.1
22/06/2022 21:00	14.03	374982.6	0	22.17	0	0.4
22/06/2022 22:00	14.03	375912.8	0	22.43	0	1.07
22/06/2022 23:00	14.03	375304.1	0	22.28	0	0.4
22/06/2022 24:00	13.99	355191	0	22.17	0	0.43
23/06/2022 01:00	13.97	355805.4	0	20.63	0	0.41
23/06/2022 02:00	13.96	356260.5	0	20.26	0	0.37
23/06/2022 03:00	13.94	355259.3	0	19.66	0	0.55
23/06/2022 04:00	13.93	352127.5	0	19.54	0	0.62
23/06/2022 05:00	13.9	349322.9	0	19.2	0	0.69
23/06/2022 06:00	13.89	347496.8	0	19.04	0	0.86
23/06/2022 07:00	13.89	346208.3	0	19.24	0	0.88
23/06/2022 08:00	13.93	330879.5	0	21.89	0	0.86
23/06/2022 09:00	14.01	379001.8	0	20.9	0	0.48
23/06/2022 10:00	14.08	381203.4	0	22.95	0	0.29
23/06/2022 11:00	14.09	382679.7	0	22.88	0	0.21
23/06/2022 12:00	14.1	382924.3	0	23.57	0	0.16
23/06/2022 13:00	14.1	382713.8	0	23.52	0	0.18
23/06/2022 14:00	14.08	380256.3	0	24.74	0	0.15
23/06/2022 15:00	14.08	380557.8	0	24.62	0	0.06
23/06/2022 16:00	14.08	380899.1	0	24.34	0	0.15
23/06/2022 17:00	14.07	379937.7	0	23.94	0	0.19
23/06/2022 18:00	14.08	379744.3	0	22.66	0	0.1
23/06/2022 19:00	14.08	378159.9	0	21.34	0	0.11
23/06/2022 20:00	14.05	377050.6	0	20.92	0	0.22
23/06/2022 21:00	14.02	377249.7	0	20.15	0	0.3
23/06/2022 22:00	14	377502.8	0	19.3	0	1.07
23/06/2022 23:00	13.99	377593.8	0	19.25	0	0.61
23/06/2022 24:00	13.97	352281.1	0	20.84	0	0.42
24/06/2022 01:00	13.95	354775.7	0	19.35	0	0.59
24/06/2022 02:00	13.96	356584.8	0	19.37	0	0.52
24/06/2022 03:00	13.95	354573.8	0	19.28	0	0.51
24/06/2022 04:00	13.94	351601.3	0	19.52	0	0.56
24/06/2022 05:00	13.93	348842.2	0	19.6	0	0.58
24/06/2022 06:00	13.91	344484.5	0	19.55	0	0.62



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
24/06/2022 07:00	13.9	343483.3	0	19.33	0	0.58
24/06/2022 08:00	13.95	326629.9	0	22.5	0	0.55
24/06/2022 09:00	14.04	377940.9	0	21.29	0	0.32
24/06/2022 10:00	14.07	381778	0	21.54	0	0.24
24/06/2022 11:00	14.08	382375.3	0	22.03	0	0.17
24/06/2022 12:00	14.07	381567.5	0	22.98	0	0.1
24/06/2022 13:00	14.07	381388.3	0	23.89	0	0.13
24/06/2022 14:00	14.07	380850.7	0	23.37	0	0.15
24/06/2022 15:00	14.07	379434.2	0	22.83	0	0.14
24/06/2022 16:00	14.07	377397.6	0	22.55	0	0.16
24/06/2022 17:00	14.07	378236.7	0	22.52	0	0.04
24/06/2022 18:00	14.06	379246.5	0	22.53	0	0.12
24/06/2022 19:00	14.04	374860.3	0	20.36	0	0.07
24/06/2022 20:00	13.98	369623.7	0	19.27	0	0.49
24/06/2022 21:00	13.96	368653.8	0	19.47	0	1.14
24/06/2022 22:00	13.96	369541.2	0	19.72	0	2.09
24/06/2022 23:00	13.97	369157.2	0	20.06	0	1.58
24/06/2022 24:00	13.92	354263.7	0	19.23	0	2.38
25/06/2022 01:00	13.92	352861.4	0	18.58	0	1.95
25/06/2022 02:00	13.92	353848.4	0	18.53	0	1.63
25/06/2022 03:00	13.9	352704.9	0	18.17	0	1.49
25/06/2022 04:00	13.9	350511.9	0	18.22	0	1.86
25/06/2022 05:00	13.89	348805.2	0	18.43	0	1.45
25/06/2022 06:00	13.88	343210.2	0	18.69	0	0.93
25/06/2022 07:00	13.88	341955.8	0	18.86	0	0.89
25/06/2022 08:00	13.93	324055.7	0	22.61	0	0.85
25/06/2022 09:00	13.97	370738.7	0	19.83	0	0.38
25/06/2022 10:00	14	372795.3	0	19.65	0	0.33
25/06/2022 11:00	14.03	374712.4	0	19.86	0	0.33
25/06/2022 12:00	14.06	377545.5	0	20.04	0	0.22
25/06/2022 13:00	14.09	378677.6	0	20.42	0	0.28
25/06/2022 14:00	14.08	380580.5	0	21.32	0	0.22
25/06/2022 15:00	14.06	380833.7	0	21.26	0	0.17
25/06/2022 16:00	14.07	378620.7	0	21.15	0	0.11
25/06/2022 17:00	14.02	374999.7	0	18.61	0	0.36
25/06/2022 18:00	14.02	371043.1	0	18.34	0	0.4
25/06/2022 19:00	14.02	371074.4	0	18.46	0	0.32
25/06/2022 20:00	14.01	370866.7	0	18.59	0	0.33
25/06/2022 21:00	14	371196.7	0	18.56	0	0.46
25/06/2022 22:00	13.97	370516.9	0	18.07	0	1.18
25/06/2022 23:00	13.96	369657.8	0	17.93	0	0.69
25/06/2022 24:00	13.93	356911.9	0	17.62	0	0.77
26/06/2022 01:00	13.91	350995.4	0	17.01	0	0.92
26/06/2022 02:00	13.9	349928.8	0	16.86	0	1.18
26/06/2022 03:00	13.9	351086.5	0	16.76	0	1.5
26/06/2022 04:00	13.89	349106.7	0	16.71	0	1.48
26/06/2022 05:00	13.88	346620.7	0	16.76	0	1.31
26/06/2022 06:00	13.87	343278.5	0	16.82	0	1.79
26/06/2022 07:00	13.86	339484	0	16.86	0	1.55
26/06/2022 08:00	13.89	343326.8	0	17.15	0	0.92
26/06/2022 09:00	13.93	348432.6	0	17.52	0	0.51
26/06/2022 10:00	13.96	350742.3	0	17.54	0	0.36
26/06/2022 11:00	13.98	350443.6	0	17.7	0	0.29
26/06/2022 12:00	13.93	349431	0	17.42	0	0.38
26/06/2022 13:00	13.94	349624.4	0	17.06	0	0.51
26/06/2022 14:00	13.95	348725.6	0	17.03	0	0.21
26/06/2022 15:00	13.99	349766.6	0	17.65	0	0.07
26/06/2022 16:00	13.97	351436.3	0	16.88	0	0.16
26/06/2022 17:00	13.95	349601.7	0	16.41	0	0.39
26/06/2022 18:00	13.97	305871.2	0	20.85	0	0.61
26/06/2022 19:00	13.98	366506.2	0	16.9	0	0.5
26/06/2022 20:00	13.98	368980.9	0	17.51	0	0.58
26/06/2022 21:00	14.01	369495.7	0	18.91	0	0.42
26/06/2022 22:00	14	368079.2	0	19.14	0	1.05
26/06/2022 23:00	13.99	366941.4	0	19.26	0	0.47
26/06/2022 24:00	13.92	340678.6	0	18.47	0	0.52
27/06/2022 01:00	13.94	343150.5	0	18.44	0	0.48
27/06/2022 02:00	13.91	344776.6	0	17.46	0	0.65
27/06/2022 03:00	13.89	345400.4	0	16.4	0	0.97
27/06/2022 04:00	13.87	343392.3	0	16.22	0	1.12
27/06/2022 05:00	13.88	341586	0	16.87	0	0.76
27/06/2022 06:00	13.88	338460	0	17.27	0	0.33
27/06/2022 07:00	13.88	338189.8	0	17.33	0	0.28
27/06/2022 08:00	13.93	321194.2	0	20.59	0	0.25
27/06/2022 09:00	13.97	376188.7	0	18.02	0	0.26
27/06/2022 10:00	14	377784.4	0	18.4	0	0.29
27/06/2022 11:00	14.03	379326.1	0	18.75	0	0.16
27/06/2022 12:00	14.01	378506.9	0	18.36	0	0.15
27/06/2022 13:00	13.89	344965.2	0	18.15	0	1.17
27/06/2022 14:00	13.94	360825.8	0	17.96	0	0.98
27/06/2022 15:00	13.95	363343.2	0	17.69	0	0.37
27/06/2022 16:00	13.99	365021.4	0	17.75	0	0.28
27/06/2022 17:00	14	366693.9	0	17.54	0	0.36
27/06/2022 18:00	13.99	371816.8	0	17.52	0	0.47
27/06/2022 19:00	13.97	370940.7	0	17.44	0	0.58
27/06/2022 20:00	13.96	370542.5	0	17.15	0	0.49
27/06/2022 21:00	13.95	371751.3	0	17.4	0	0.4
27/06/2022 22:00	13.96	373406.8	0	17.73	0	1.01
27/06/2022 23:00	13.95	371293.4	0	17.6	0	0.4
27/06/2022 24:00	13.92	359966.8	0	17.15	0	0.82
28/06/2022 01:00	13.9	353828.5	0	16.6	0	1.32
28/06/2022 02:00	13.9	355569.3	0	16.65	0	1.84
28/06/2022 03:00	13.9	353387.6	0	16.48	0	1.8



Date & Time	O2	FLOW	CO@7%	NOx@7%	SO2@7%	TSP@7%
	%Vol	Nm3/h	ppm	ppm	ppm	mg/m3
28/06/2022 04:00	13.9	350989.8	0	16.75	0	1.21
28/06/2022 05:00	13.91	348412.7	0	17.73	0	0.33
28/06/2022 06:00	13.9	342800.6	0	18.14	0	0.27
28/06/2022 07:00	13.91	343025.3	0	18.36	0	0.24
28/06/2022 08:00	13.97	322622.1	0	22.25	0	0.28
28/06/2022 09:00	14.02	374755.1	0	19.95	0	0.04
28/06/2022 10:00	14.06	379272.1	0	20.09	0	0.02
28/06/2022 11:00	14.07	381556.2	0	19.92	0	0.14
28/06/2022 12:00	14.09	381906	0	19.87	0	0.18
28/06/2022 13:00	14.07	381920.3	0	20.45	0	0.2
28/06/2022 14:00	14.06	380057.1	0	21.44	0	0.19
28/06/2022 15:00	14.06	378484.2	0	21.42	0	0.19
28/06/2022 16:00	14.07	377093.2	0	21.17	0	0.17
28/06/2022 17:00	14.05	377295.2	0	20.6	0	0.13
28/06/2022 18:00	14.04	377738.9	0	18.57	0	0.06
28/06/2022 19:00	14.05	377053.4	0	18.17	0	0.05
28/06/2022 20:00	14.04	376911.2	0	17.99	0	0.17
28/06/2022 21:00	13.99	374015.5	0	18.07	0	0.1
28/06/2022 22:00	13.98	372872.1	0	17.63	0	1.11
28/06/2022 23:00	13.98	373162.2	0	17.39	0	0.33
28/06/2022 24:00	13.94	362034.7	0	16.85	0	0.17
29/06/2022 01:00	13.92	354010.6	0	16.11	0	0.16
29/06/2022 02:00	13.92	353919.5	0	16.08	0	0.25
29/06/2022 03:00	13.92	351971.1	0	15.96	0	0.31
29/06/2022 04:00	13.9	348671.5	0	15.92	0	0.48
29/06/2022 05:00	13.9	348037.2	0	15.89	0	0.42
29/06/2022 06:00	13.88	343045.2	0	15.86	0	0.66
29/06/2022 07:00	13.88	341187.8	0	15.73	0	0.74
29/06/2022 08:00	13.96	321635.1	0	19.51	0	0.59
29/06/2022 09:00	14.02	377514.2	0	17.35	0	0.33
29/06/2022 10:00	14.06	380438.3	0	18.11	0	0.27
29/06/2022 11:00	14.08	380768.3	0	19.68	0	0.2
29/06/2022 12:00	14.06	379721.5	0	20.42	0	0.15
29/06/2022 13:00	14.05	378777.1	0	20.26	0	0.18
29/06/2022 14:00	14.06	377096.1	0	20.1	0	0.19
29/06/2022 15:00	14.06	376814.5	0	19.85	0	0.14
29/06/2022 16:00	14.07	375585.7	0	19.64	0	0.17
29/06/2022 17:00	14.07	375668.2	0	19.51	0	0.05
29/06/2022 18:00	14.06	376501.6	0	19.16	0	0.09
29/06/2022 19:00	14.06	377795.8	0	18.21	0	0.13
29/06/2022 20:00	14.05	376410.6	0	16.52	0	0.07
29/06/2022 21:00	13.99	370664.8	0	16.05	0	0.45
29/06/2022 22:00	14	372226.4	0	16.45	0	1.14
29/06/2022 23:00	14	371051.6	0	16.23	0	0.54
29/06/2022 24:00	13.97	360254.1	0	15.77	0	0.65
30/06/2022 01:00	13.95	350443.6	0	15.11	0	0.69
30/06/2022 02:00	13.95	351069.4	0	15.3	0	0.6
30/06/2022 03:00	13.95	350167.7	0	15.43	0	0.64
30/06/2022 04:00	13.94	347129.8	0	15.42	0	0.63
30/06/2022 05:00	13.92	345317.9	0	15.51	0	0.68
30/06/2022 06:00	13.9	340044.3	0	15.34	0	0.86
30/06/2022 07:00	13.9	338880.9	0	15.48	0	0.78
30/06/2022 08:00	13.97	317724	0	19.25	0	0.67
30/06/2022 09:00	14.03	372118.3	0	16.85	0	0.39
30/06/2022 10:00	14.05	375153.3	0	16.83	0	0.3
30/06/2022 11:00	14.07	376879.9	0	16.65	0	0.25
30/06/2022 12:00	14.09	378455.7	0	16.65	0	0.23
30/06/2022 13:00	14.09	378683.3	0	17.44	0	0.17
30/06/2022 14:00	14.07	377337.8	0	18.14	0	0.16
30/06/2022 15:00	14.07	376123.3	0	18.29	0	0.14
30/06/2022 16:00	14.07	375363.8	0	18.23	0	0.12
30/06/2022 17:00	14.08	375181.8	0	18.28	0	0.16
30/06/2022 18:00	14.07	375440.6	0	17.79	0	0.14
30/06/2022 19:00	14.01	368141.8	0	15.02	0	0.12
30/06/2022 20:00	13.98	365018.6	0	15.6	0	0.35
30/06/2022 21:00	13.98	368028	0	15.03	0	0.3
30/06/2022 22:00	13.95	368980.9	0	14.38	0	1.43
30/06/2022 23:00	13.96	369327.9	0	14.23	0	1.23
30/06/2022 24:00	<Samp	<Samp	<Samp	<Samp	<Samp	<Samp
Minimum	12.76	193801.7	0	0	0	0
MinDate	13/06/2022 12:00	06/06/2022 08:00	01/06/2022 01:00	12/06/2022 20:00	11/06/2022 12:00	19/06/2022 19:00
Maximum	16.21	387026	0.45	47.79	2.02	8.17
MaxDate	06/06/2022 08:00	01/06/2022 10:00	16/06/2022 13:00	14/06/2022 17:00	01/06/2022 09:00	09/06/2022 21:00
Avg	14	366020.7	0	23.91	0.21	0.46
Num	619	623	596	602	602	623
Data[%]	86	86.5	82.8	83.6	83.6	86.5
STD	0.2	22374.6	0	16.9	1.9	0.5



ภาคผนวก ข-49

เอกสารอบรมโครงการอนุรักษ์การไถ่ยืม

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# **ESMS-Sa-P-11**

## **Hearing Conservation**



## 1. PURPOSE

วัตถุประสงค์เพื่อให้เป็นแนวทางของมาตรการอนุรักษ์การได้ยิน เพื่อลดการสัมผัสเสียงและการสูญเสียการได้ยินในพื้นที่ทำงาน

## 2. RESPONSIBILITY

- ผู้จัดการโรงไฟฟ้า มีหน้าที่ในการบังคับใช้อุปกรณ์ป้องกันการได้ยิน การควบคุมทางวิศวกรรมและการบริหารจัดการที่เหมาะสมในพื้นที่ควบคุม
- ผู้จัดการแผนก มีหน้าที่ในการตรวจสอบเพื่อให้แน่ใจว่าพนักงานทุกคนที่สัมผัสกับเสียงรบกวนเท่ากับหรือมากกว่า 85 dB (A) สามารถเข้าถึงอุปกรณ์ป้องกันการได้ยินเสียงดังที่เหมาะสมได้ในพื้นที่ทำงาน และหากพบปัญหาเกี่ยวกับเสียงดังให้แจ้งหน่วยงานสิ่งแวดล้อม อาชีวอนามัยและความปลอดภัย



## 2. RESPONSIBILITY

- หน่วยงานสิ่งแวดล้อม อาชีวอนามัยและความปลอดภัย มีหน้าที่
  - ป่งชี้พื้นที่ทำงานที่มีเสียงดังเท่ากับหรือมากกว่า 85 dB (A) รวมถึงกำหนดให้มีการใช้อุปกรณ์ป้องกันเสียงดังในพื้นที่นั้นๆ
  - รวบรวมและเก็บรักษาข้อมูลของพื้นที่ที่มีเสียงดังเท่ากับหรือมากกว่า 85 dB (A)
  - ป่งชี้พนักงานที่ทำงานสัมผัสกับเสียงดังเท่ากับหรือมากกว่า 85 dB (A) ในช่วงเวลาการทำงานปกติเท่ากับหรือมากกว่า 8 ชั่วโมง
  - เก็บข้อมูลของพนักงานที่เข้าร่วมมาตรการอนุรักษ์การได้ยิน
  - สำรวจพื้นที่และอุปกรณ์ในพื้นที่ทำงานที่มีผลต่อการเปลี่ยนแปลงระดับเสียงดัง (เช่น การเพิ่มเครื่องจักร ,การย้ายเครื่องจักรที่มีอยู่ เป็นต้น)
  - จัดอบรมให้ความรู้กับพนักงานที่ร่วมมาตรการอนุรักษ์การได้ยิน ได้รู้ถึงอันตรายของเสียงดัง การควบคุม ป้องกัน และการใช้อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล และการทดสอบสมรรถภาพการได้ยิน
  - ระบุถึงมาตรการควบคุมป้องกันเสียงดัง (รวมถึงการควบคุมทางวิศวกรรมและการบริหารจัดการ) และให้คำปรึกษาแนะนำกับหน่วยงานที่เกี่ยวข้อง



## 2. RESPONSIBILITY

- หน่วยงานทรัพยากรบุคคลและธรรมาภิบาล มีหน้าที่
  - ประสานงานกับสถานพยาบาล โรงพยาบาลเพื่อดำเนินการตรวจวัดเสียงพื้นฐาน (Base line) และสมรรถภาพการได้ยินสำหรับพนักงานใหม่และตรวจสมรรถภาพการได้ยินประจำปี ให้กับพนักงานที่มีความเสี่ยงต่อการสัมผัสเสียงดังจากการทำงาน
  - กำหนดให้มีการตรวจวัดสมรรถภาพการได้ยินให้กับพนักงานที่มีความเสี่ยงต่อการสัมผัสเสียงดังจากการทำงานมากกว่าหรือเท่ากับ 85 dB (A) ประจำปี
  - ให้แจ้งหน่วยงานสิ่งแวดล้อม อาชีวอนามัยและความปลอดภัย หากพบพนักงานที่มีสมรรถภาพในการได้ยินที่เปลี่ยนแปลงไป เพื่อติดตามหาทางดำเนินการป้องกันแก้ไข
  - ดูแล เก็บรักษา ข้อมูลผลการตรวจวัดการได้ยินของพนักงาน



## 2. RESPONSIBILITY

- คณะกรรมการความปลอดภัย มีหน้าที่ตรวจสอบและวิเคราะห์บันทึกผลการตรวจวัดการได้ยินของพนักงานที่ผ่านมา เพื่อใช้พิจารณาในการปรับปรุงพื้นที่ทำงานหรือมาตรการป้องกันเสียงดัง
- พนักงาน มีหน้าที่สวมใส่และรักษาอุปกรณ์ป้องกันการได้ยินตามคำแนะนำ พนักงานที่สัมผัสเสียงดังต้องได้รับการตรวจทดสอบการได้ยินประจำปีโดยแพทย์พนักงานต้องแจ้งหัวหน้างานและ / หรือฝ่ายสิ่งแวดล้อม อาชีวอนามัยและความปลอดภัย หากสงสัยว่าบริเวณนั้นอาจเป็นบริเวณที่มีเสียงรบกวนสูง ( $\geq 85$  dB (A))



## 3. PROCEDURE

### 5.1 การติดตามระดับเสียงในพื้นที่ทำงาน และระดับเสียงที่พนักงานสัมผัส, และการประเมินสถานที่ทำงาน

#### 5.1.1 การประเมินสถานที่ทำงาน

หน่วยงานสิ่งแวดล้อมฯ บ่งชี้พื้นที่ทำงานภายในโรงไฟฟ้า ที่มีระดับเสียงเท่ากับหรือเกิน 85 เดซิเบล (A) **โดยจะต้อง** **ทบทวนอย่างน้อยทุกๆ 2 ปี** เพื่อตรวจสอบว่ามีการเปลี่ยนแปลงของระดับเสียงหรือไม่

#### 5.1.2 การตรวจวัดระดับเสียงและการประเมินการสัมผัส

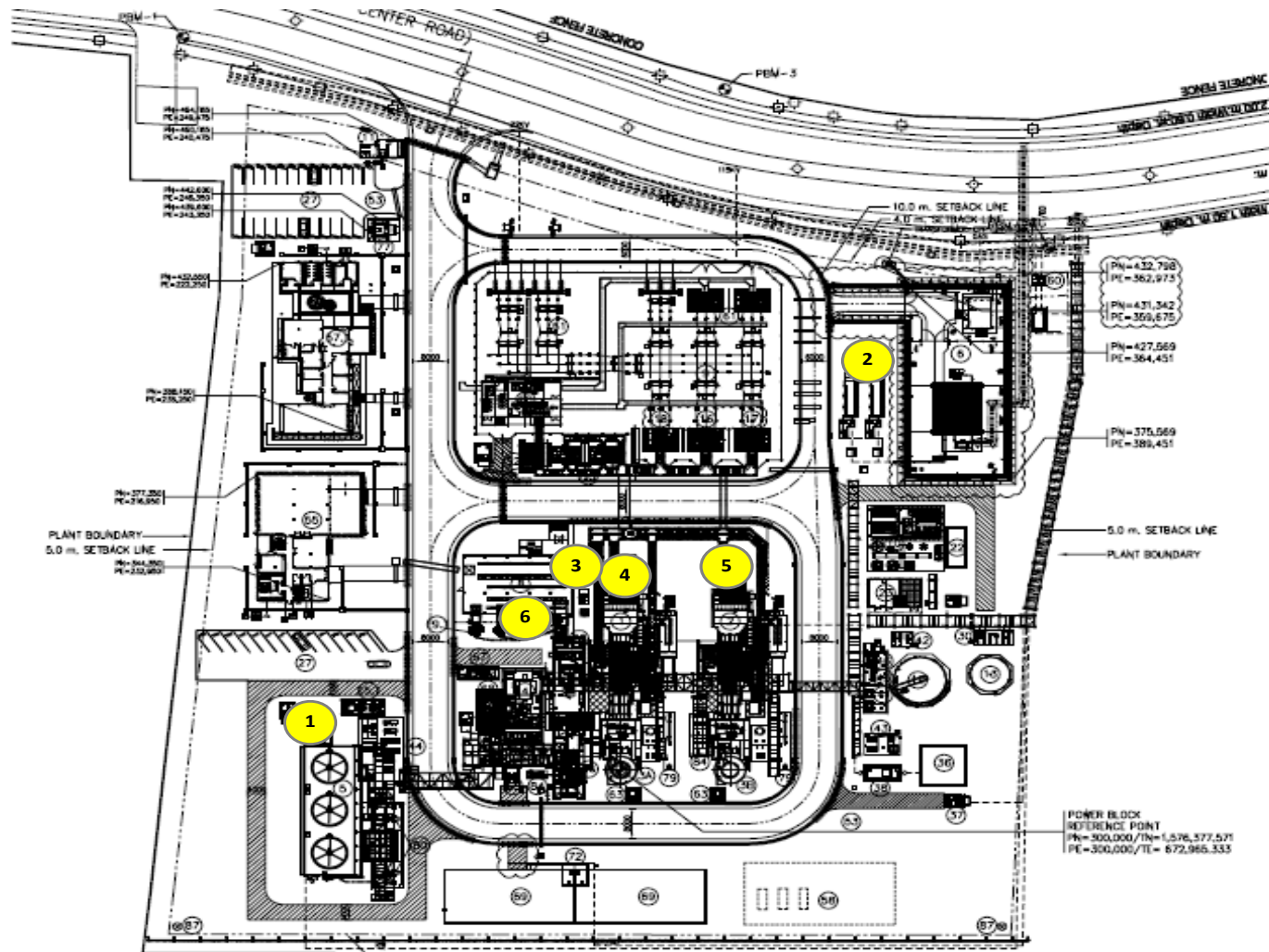
(1) ตรวจวัดพื้นที่ทำงาน

(2) การวัดที่ตัวบุคคล โดยทั่วไปแล้วการวัดพื้นที่ทำงานจะดำเนินการก่อน ซึ่งมุ่งเน้นไปที่ระดับเสียงเท่ากับหรือมากกว่า 85 dB (A) ส่วนการตรวจวัดที่ตัวบุคคลจะใช้เครื่องวัดเสียงติดตามตัวบุคคลในระหว่างที่ทำงาน





# Hearing Conservation



## ตำแหน่งตรวจวัด

- 1 บริเวณ Cooling Tower
- 2 บริเวณ Gas Compressor
- 3 บริเวณ Boiler Feed Pump
- 4 บริเวณ Gas Turbine 1
- 5 บริเวณ Gas Turbine 2
- 6 บริเวณ Steam Turbine

รูปที่ 3.4.3-3 ตำแหน่งการตรวจวัดระดับเสียง Leq เฉลี่ย 8 ชั่วโมง ต่อเนื่อง 72 ชั่วโมง  
โครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลฟ์ บีพี จำกัด



# Hearing Conservation



บริเวณ Cooling Tower



บริเวณ Gas Compressor



บริเวณ Boiler Feed Pump



บริเวณ Gas Turbine 1



Gas Turbine 2



บริเวณ Steam Turbine

ตารางที่ 3.4.3.-7 สรุปผลการตรวจวัดระดับเสียงเฉลี่ย 8 ชั่วโมง (Leq (8)) ระหว่างปี พ.ศ. 2561-2564

สถานี	วันที่ตรวจวัด	ค่าระดับเสียงเฉลี่ย 8 ชั่วโมง (Leq 8 hrs) (dB(A))
บริเวณ Cooling Tower	3-6 ธ.ค. 61	79.21-82.03
	10-13 มิ.ย. 62	81.3-82.1
	16-19 พ.ย. 62	79.7-80.2
	9-12 มิ.ย. 63	81.6-82.2
	15-18 ธ.ค. 63	78.4-79.2
	8-11 มิ.ย. 64	81.6-82.6
บริเวณ Gas Compressor	3-6 ธ.ค. 61	63.30-64.14
	10-13 มิ.ย. 62	62.8-64.3
	16-19 พ.ย. 62	63.1-64.2
	9-12 มิ.ย. 63	62.2-63.3
	15-18 ธ.ค. 63	62.3-63.8
	8-11 มิ.ย. 64	62.8-64.2
บริเวณ Boiler Feed Pump	3-6 ธ.ค. 61	79.45-82.59
	10-13 มิ.ย. 62	80.9-81.8
	16-19 พ.ย. 62	81.5-82.1
	9-12 มิ.ย. 63	79.3-80.0
	15-18 ธ.ค. 63	78.6-78.9
	8-11 มิ.ย. 64	79.1-80.9
ค่ามาตรฐาน		85.0 <sup>v</sup> , 90.0 <sup>v</sup>

สถานี	วันที่ตรวจวัด	ค่าระดับเสียงเฉลี่ย 8 ชั่วโมง (Leq 8 hrs) (dB(A))
บริเวณ Gas Turbine 1	3-6 ธ.ค. 61	70.65-71.69
	10-13 มิ.ย. 62	83.1-83.9
	16-19 พ.ย. 62	83.0-83.5
	9-12 มิ.ย. 63	81.8-83.1
	15-18 ธ.ค. 63	83.2-83.7
	8-11 มิ.ย. 64	80.7-83.4
บริเวณ Gas Turbine 2	3-6 ธ.ค. 61	74.88-76.36
	10-13 มิ.ย. 62	75.5-76.8
	16-19 พ.ย. 62	76.5-77.3
	9-12 มิ.ย. 63	75.9-76.8
	15-18 ธ.ค. 63	75.4-76.2
	8-11 มิ.ย. 64	76.6-77.2
บริเวณ Steam Turbine	3-6 ธ.ค. 61	76.41-76.90
	10-13 มิ.ย. 62	77.1-77.9
	16-19 พ.ย. 62	76.7-77.5
	9-12 มิ.ย. 63	75.4-76.0
	15-18 ธ.ค. 63	75.6-76.7
	8-11 มิ.ย. 64	74.4-75.9
ค่ามาตรฐาน		85.0 <sup>v</sup> , 90.0 <sup>v</sup>



## 3. PROCEDURE

### 5.2 การตรวจวัดซ้ำในพื้นที่ที่มีเสียงดัง

ควรทำการตรวจวัดซ้ำในทุกพื้นที่ที่ระดับเสียงมากกว่าหรือเท่ากับ 85 เดซิเบลเอ เมื่อใดก็ตามที่มีการเปลี่ยนแปลงกระบวนการผลิต เครื่องจักรอุปกรณ์ หรือกระบวนการควบคุมซึ่งอาจจะส่งผลต่อการเปลี่ยนแปลงของระดับเสียงได้ สำหรับพนักงานที่สัมผัสระดับเสียงดังเกินเกณฑ์กำหนด(มากกว่าหรือเท่ากับ 85 เดซิเบล (A)) ให้เข้าร่วมมาตรการอนุรักษ์การได้ยิน ไม่ต้องทำการตรวจวัดซ้ำในพื้นที่ที่มีการควบคุมทางวิศวกรรมหรือการจัดการให้มีระดับเสียงต่ำกว่า 85 เดซิเบล (A)) ส่วนผู้ที่สัมผัสระดับเสียงน้อยกว่าไม่จำเป็นต้องเข้าร่วมมาตรการอนุรักษ์การได้ยิน

### 5.3 การควบคุมเสียงรบกวน

ใช้การควบคุมทางวิศวกรรมและการบริหารจัดการเพื่อลดระดับเสียงดังในพื้นที่ทำงาน ควรพิจารณาไปถึงขั้นตอนการออกแบบและขั้นตอนการก่อสร้างของโครงการใหม่ด้วย

### 5.4 การควบคุมทางวิศวกรรม

วิธีการหลักในการลดหรือขจัดระดับเสียงรบกวนที่มาสัมผัสกับพนักงาน ต้องผ่านการประยุกต์ใช้การควบคุมทางวิศวกรรม ซึ่งหมายถึง การดัดแปลงหรือเปลี่ยนอุปกรณ์ใดๆ หรือการเปลี่ยนแปลงทางกายภาพซึ่งอาจจะมีผลต่อแหล่งกำเนิดเสียง หรือตามทางผ่านของเสียง ซึ่งเป็นการช่วยลดระดับเสียงที่หูของพนักงาน



## 3. PROCEDURE

### 5.5 การควบคุมการบริหาร

การเปลี่ยนช่วงเวลาทำงานหรือวิธีการปฏิบัติงานที่ลดการสัมผัสกับเสียงรบกวน ถ้าหากทางวิธีของวิศวกรรมไม่สามารถใช้ได้ ให้พิจารณาใช้การควบคุมการบริหารจัดการแทน เช่น การเพิ่มระยะห่างระหว่างแหล่งกำเนิดเสียงและพนักงาน หรือการหมุนเวียนงานระหว่างพนักงานในบริเวณที่มีอันตรายจากเสียงดัง

### 5.6 การทดสอบทางเสียงและการเฝ้าระวังทางการแพทย์

#### 5.6.1 การเฝ้าระวังทางการแพทย์

5.6.2 การทดสอบ Audiometric เป็นการทดสอบระดับเสียง เพื่อให้แน่ใจว่าพนักงานไม่ประสบปัญหาการสูญเสียการได้ยินจากการทำงาน ทั้งนี้มีการเปรียบเทียบระดับเสียงพื้นฐาน(Base line) กับผลการตรวจทดสอบสมรรถภาพการได้ยินประจำปี

### 5.7 อุปกรณ์ป้องกันการได้ยิน

การใช้อุปกรณ์ป้องกันการได้ยิน (ที่อุดหู / ที่ครอบหู ฯลฯ )



## 3. PROCEDURE

### 5.8 การฝึกอบรม

โปรแกรมการฝึกอบรม ให้ความรู้จะต้องดำเนินงานเป็นประจำทุกปี และครอบคลุมหัวข้อต่อไปนี้:

5.8.1 ผลกระทบของเสียงรบกวนต่อการได้ยิน

5.8.2 วัตถุประสงค์ของการใช้อุปกรณ์ป้องกันการได้ยิน ข้อดี ข้อเสีย ประสิทธิภาพและการเลือกงาน

5.8.3 วัตถุประสงค์ของการทดสอบสมรรถภาพการได้ยินและอธิบายถึงขั้นตอนการทดสอบ

5.8.4 พนักงานต้องเข้าใจและสามารถใช้งานอุปกรณ์ป้องกันการได้ยินอย่างถูกต้องและเหมาะสม

### 5.9 การจัดเก็บเอกสาร

5.9.1 สำเนาของการตรวจวัดระดับเสียงและการประเมินอันตราย (การสำรวจระดับเสียงในพื้นที่ทำงาน ผลการการตรวจวัดเสียงที่ตัวบุคคล) รายงานและสำเนาการสอบเทียบเครื่องมือ บันทึกการบำรุงรักษาให้เก็บรักษาไว้เป็นระยะเวลาอย่างน้อย 3 ปี

5.9.2 การประเมินผลทางการแพทย์และผลออดิโอแกรม (รวมถึงผลออดิโอแกรมพื้นฐาน) ควรเก็บรักษาเป็นระยะเวลา 3 ปี

5.9.3 (ผลการตรวจวัดเริ่มต้นและรายปี) ควรเก็บรักษาเป็นระยะเวลาอย่างน้อยห้าปีหรือนานกว่านั้นหากถ้าเป็นข้อกำหนดของ ISO 9000



**Thank You**





# โครงการอนุรักษ์การได้ยิน (Hearing Conservation Program)

โรงไฟฟ้าบ้านโพ บริษัท กัลฟ์ บีพี จำกัด

บรรยายโดย : กิติมา บุญเพ็ง

หัวหน้าส่วนงานสิ่งแวดล้อมอาชีพอนามัยและความปลอดภัย



- 1 ความรู้เบื้องต้นเกี่ยวกับโครงการอนุรักษ์การไถ่ยืม
- 2 อันตรายจากเสียงดัง
- 3 ความสำคัญของการทดสอบการไถ่ยืม
- 4 การป้องกันและควบคุมอันตรายจากเสียงดัง
- 5 การใช้อุปกรณ์ป้องกันอันตรายส่วนบุคคล



## วัตถุประสงค์ของการจัดอบรม “โครงการอนุรักษ์การไต่ยืน”



1. เข้าใจถึงความรู้เกี่ยวกับโครงการอนุรักษ์การไต่ยืน
2. เข้าใจถึง ความสำคัญของการทดสอบสมรรถภาพการไต่ยืน
3. เข้าใจถึงอันตรายของเสียงดัง
4. เข้าใจและสามารถอธิบายถึงการควบคุมป้องกันอันตรายจากเสียงดัง
5. เข้าใจถึงการใช้อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล



## 1. ความรู้เบื้องต้นเกี่ยวกับโครงการอนุรักษ์การได้ยิน



โครงการอนุรักษ์การได้ยินคืออะไร ?

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โครงการอนุรักษ์การได้ยิน หมายถึง โครงการที่นายจ้างจัดให้มีขึ้นในสถานประกอบการโดยมีวัตถุประสงค์หลักเพื่อดูแลพนักงานที่มีความเสี่ยงต่อการเป็นโรคประสาทหูเสื่อม (หูตึง) จากการสัมผัสเสียงดัง (Noise Induced Hearing Loss)



# 1. ความรู้เบื้องต้นเกี่ยวกับโครงการอนุรักษ์การไถ่ยืม



## ทำไมถึงต้องทำโครงการอนุรักษ์การไถ่ยืม ?

1. กฎกระทรวง กำหนดมาตรฐานในการบริหารและการจัดการด้านความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงานเกี่ยวกับความร้อน แสงสว่างและเสียง พ.ศ. 2549

2. ประกาศกรมสวัสดิการและคุ้มครองแรงงาน เรื่อง หลักเกณฑ์และวิธีการจัดทำโครงการอนุรักษ์การไถ่ยืมในสถานประกอบกิจการ พ.ศ. 2553



ประกาศกรมสวัสดิการและคุ้มครองแรงงาน เรื่อง หลักเกณฑ์และวิธีการจัดทำโครงการอนุรักษ์การไถ่ยืมในสถานประกอบกิจการ.pdf



## 1. ความรู้เบื้องต้นเกี่ยวกับโครงการอนุรักษ์การได้ยิน



จะเริ่มทำโครงการอนุรักษ์การได้ยินเมื่อไหร่ ?

1. เมื่อทำการตรวจวัดค่าระดับความดังของเสียง แล้วพบว่า **ค่าระดับเสียงเฉลี่ยตลอดระยะเวลาการทำงาน 8 ชั่วโมงมีค่าตั้งแต่ 85 เดซิเบลเอ ขึ้นไป**
2. เมื่อพบว่าพนักงานมีสมรรถภาพการได้ยินผิดปกติ โดยหูข้างใดข้างหนึ่งหรือทั้งสองข้าง มีการเปลี่ยนแปลงของสมรรถภาพการได้ยินเมื่อเทียบกับค่าพื้นฐาน (Baseline audiogram) ตั้งแต่ 15 เดซิเบล ขึ้นไป



## 1. ความรู้เบื้องต้นเกี่ยวกับโครงการอนุรักษ์การได้ยิน



### เครื่องมือที่ใช้ในการวัดค่าระดับเสียงในพื้นที่ปฏิบัติงาน



เครื่องวัดเสียงชนิดติดตัวบุคคล



เครื่องวัดเสียงแบบพื้นที่



# 1. ความรู้เบื้องต้นเกี่ยวกับโครงการอนุรักษ์การไถ่ยืม



## องค์ประกอบของโครงการอนุรักษ์การไถ่ยืมมีอะไรบ้าง ?





# 1. ความรู้เบื้องต้นเกี่ยวกับโครงการอนุรักษ์การไต่ยืน



## 1. นโยบายการอนุรักษ์การไต่ยืน

สถานประกอบการใดที่ต้อง  
ทำโครงการอนุรักษ์การไต่  
ยืน **ต้อง** กำหนดนโยบาย  
การอนุรักษ์การไต่ยืนเพื่อ  
แสดงความมุ่งมั่นในการ  
ดำเนินโครงการและการ  
แก้ไขปัญหาด้านมลพิษทาง  
เสียง

**ผู้บริหารสูงสุดควรเป็นผู้กำหนดนโยบาย** โดยอาศัยการมีส่วนร่วมของผู้ปฏิบัติงานในการกำหนดนโยบายบนพื้นฐานของการนำไปปฏิบัติให้มีประสิทธิภาพ ต้องจัดทำเป็นเอกสาร และลงนามโดยผู้บริหารสูงสุดของหน่วยงาน พร้อมทั้งเผยแพร่ให้ผู้เกี่ยวข้องทุกฝ่ายทราบและถือปฏิบัติ

### ข้อแนะนำที่ควรระบุในนโยบายการอนุรักษ์การไต่ยืน

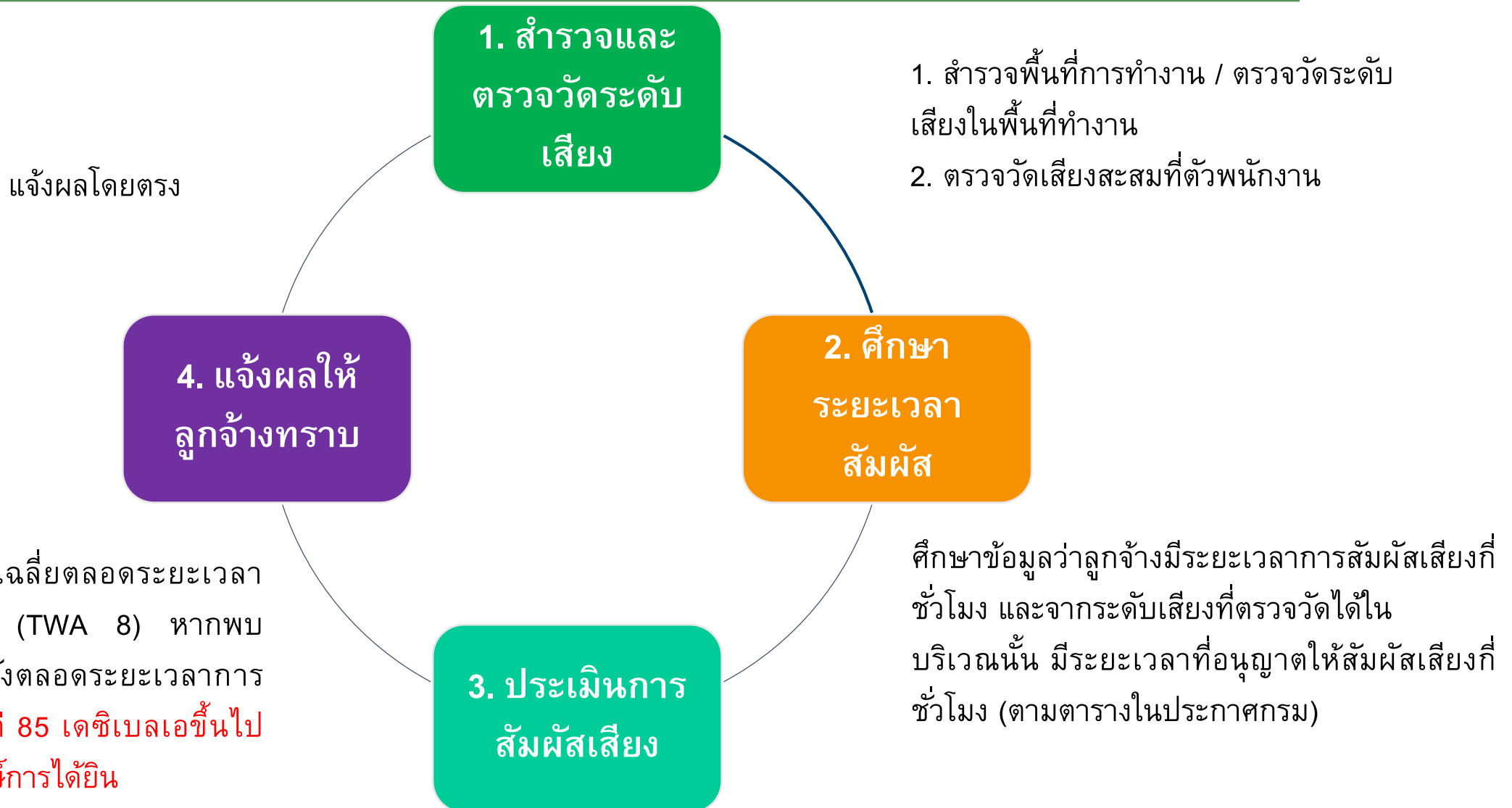
1. กำหนดระยะเวลาสำหรับการเฝ้าระวังเสียงดังและอันตรายอื่นๆ รวมถึงการเลือกใช้เครื่องมือ และการอบรมให้ความรู้แก่พนักงาน ให้เหมาะสมกับลักษณะการทำงาน
2. การให้คำปรึกษาอย่างทันทั่วถึงแก่พนักงานที่ต้องเข้ารับการทดสอบสมรรถภาพการไต่ยืน
3. ชี้แจงการใช้อุปกรณ์ป้องกันการไต่ยืนที่ถูกต้องในแต่ละพื้นที่
4. ให้ความรู้ ฝึกอบรม สร้างจิตสำนึกให้แก่พนักงานเพื่อสนับสนุนมาตรการอนุรักษ์การไต่ยืน
5. มีโปรแกรมควบคุมประสิทธิภาพของเครื่องทดสอบสมรรถภาพการไต่ยืน และการบริหารจัดการการเก็บบันทึกผลการทดสอบสมรรถภาพการไต่ยืน
6. ทบทวนผลการทดสอบสมรรถภาพการไต่ยืน เพื่อประเมินประสิทธิภาพของมาตรการอนุรักษ์การไต่ยืน
7. ส่งเสริมพนักงานให้มีการป้องกันการสัมผัสเสียงดังนอกเวลาการทำงาน
8. การจัดซื้ออุปกรณ์ป้องกันการไต่ยืน เครื่องทดสอบสมรรถภาพการไต่ยืน เครื่องวัดระดับเสียง และการเลือกซื้อเครื่องจักรที่เงียบ ในนโยบายต้องแสดงให้เห็นถึงเหตุผลว่าทำไมจึงต้องดำเนินการเพื่อสนับสนุนมาตรการอนุรักษ์การไต่ยืน



# 1. ความรู้เบื้องต้นเกี่ยวกับโครงการอนุรักษ์การได้ยิน



## 2. การเฝ้าระวังเสียงดัง

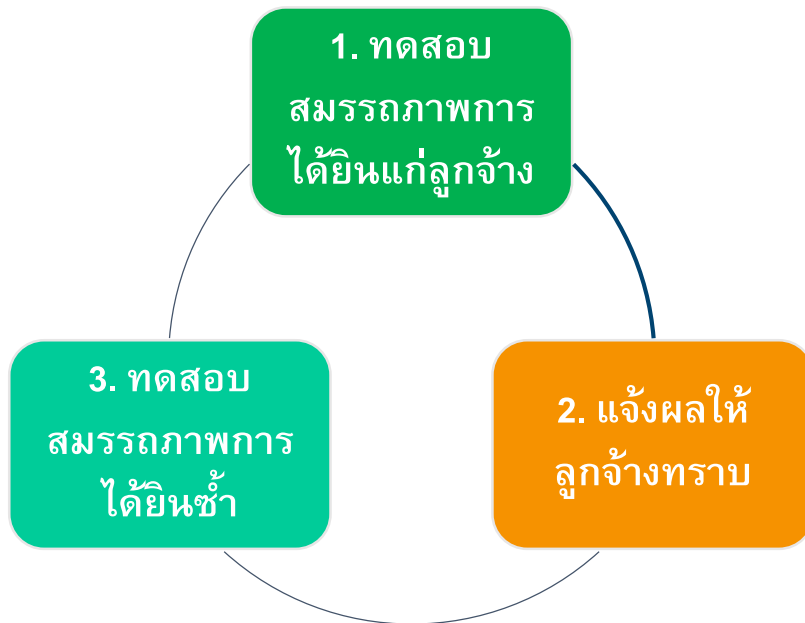




# 1. ความรู้เบื้องต้นเกี่ยวกับโครงการอนุรักษ์การได้ยิน



## 3. การเฝ้าระวังการได้ยิน



การทดสอบสมรรถภาพการได้ยินในสถานประกอบการ เป็นการตรวจวัดความสามารถในการได้ยินของหูทั้ง 2 ข้างด้วยเครื่องวัดการได้ยิน (Audiometer) เพื่อหาระดับเริ่มได้ยิน (Hearing threshold) ทางอากาศด้วยเสียงบริสุทธิ์ (Pure tone) ที่ความถี่อย่างน้อย 500 1000 2000 3000 4000 และ 6000 Hz. ควรทำการตรวจวัดโดยนักโสตสัมผัสวิทยา (Audiologist) หรือผู้ที่ผ่านการฝึกอบรมหลักสูตรวิธีการตรวจวัดการได้ยินและการใช้เครื่องมือ ซึ่งการตรวจสมรรถภาพการได้ยินแบ่งได้เป็น 5 ชนิด ดังนี้

**1. Baseline Audiogram :** เมื่อรับพนักงานใหม่หรือเมื่อมีการย้ายเปลี่ยนงานมาทำงานในที่ที่มีเสียงดัง (TWA 8 ชม. > 85 เดซิเบล เอ) ต้องทำการตรวจการได้ยินเพื่อเป็นข้อมูลพื้นฐานสำหรับคนๆ นั้น

**2. Annual Audiogram :** ต้องทำการตรวจประจำปีให้กับผู้สัมผัสเสียงข้างต้น และถ้าเป็นไปได้ผู้ที่สัมผัสเสียงดังที่ระดับ 100 เดซิเบล เอ ขึ้นไป ควรตรวจการได้ยินทุก 6 เดือน **ในกรณีที่พบว่าการสูญเสียการได้ยิน 15 เดซิเบล หรือมากกว่าที่ความถี่ 500, 1000, 2000, 3000, 4000, หรือ 6000 เฮิรตซ์ ในหูข้างใดข้างหนึ่งต้องทำการตรวจการได้ยินใหม่ทันที (Retest Audiogram)**

**3. Retest Audiogram :** จะต้องทำการทดสอบใหม่ทันทีที่พบว่าผลการตรวจการได้ยินมีการสูญเสียขึ้น **ถ้าผลการตรวจไม่เหมือนเดิมให้ใช้ผลการตรวจใหม่เป็นตัวอ้างอิงและบันทึก** และถ้าผลการตรวจการได้ยินพบว่าการสูญเสียการได้ยิน 15 เดซิเบลหรือมากกว่าที่ความถี่ 500, 1000, 2000, 3000, 4000 หรือ 6000 เฮิรตซ์ ในหูข้างใดข้างหนึ่ง ให้ทำการตรวจการได้ยินเพื่อยืนยันผล (Confirmation Audiogram)

**4. Confirmation Audiogram :** ให้ทำการตรวจการได้ยินเพื่อยืนยันผลการตรวจภายใน 30 วัน นับจากวันที่ทำ Annual หรือ Retest Audiogram

**5. Exit Audiogram :** การตรวจการได้ยินตามข้อนี้ให้ขึ้นกับความพร้อมของสถานประกอบกิจการที่จะดำเนินการเมื่อผู้ปฏิบัติงานจะลาออกจากงานเพื่อไปทำงานที่อื่น ควรมีการทำการตรวจการได้ยินก่อนการลาออกเพื่อใช้เป็นผลอ้างอิงต่อไป



# 1. ความรู้เบื้องต้นเกี่ยวกับโครงการอนุรักษ์การได้ยิน



## 4. หน้าที่รับผิดชอบ

นายจ้าง มีหน้าที่สำคัญที่ทำให้โครงการนี้เกิดขึ้น และดำเนินต่อไปได้อย่างมีประสิทธิภาพ

- นายจ้างจัดทำมาตรการการอนุรักษ์การได้ยินในสถานประกอบกิจการเป็นลายลักษณ์อักษร ในกรณีที่สภาวะการทำงานในสถานประกอบกิจการมีระดับเสียงที่ลูกจ้างได้รับเฉลี่ยตลอดระยะเวลา **การทำงานแปดชั่วโมงตั้งแต่แปดสิบห้าเดซิเบลเอขึ้นไป**
- นายจ้างจัดให้มีการเฝ้าระวังเสียงดัง โดยการสำรวจและตรวจวัดระดับเสียง การศึกษาระยะเวลาสัมผัสเสียงดัง
- นายจ้างจัดให้มีการเฝ้าระวังการได้ยิน

ผู้สนับสนุนในการดำเนินโครงการ ได้แก่ แพทย์อาชีวเวชศาสตร์ พยาบาลอาชีวอนามัย เจ้าหน้าที่ความปลอดภัย วิศวกรโรงงาน นักสุขศาสตร์อุตสาหกรรม เจ้าหน้าที่บุคคล เป็นต้น

ลูกจ้างทุกคน ต้องมีความรู้และตระหนักในอันตรายที่จะเกิดขึ้นในพื้นที่ที่มีเสียงดัง พร้อมทั้งต้องให้ความร่วมมือในการปฏิบัติตามคำแนะนำด้วย

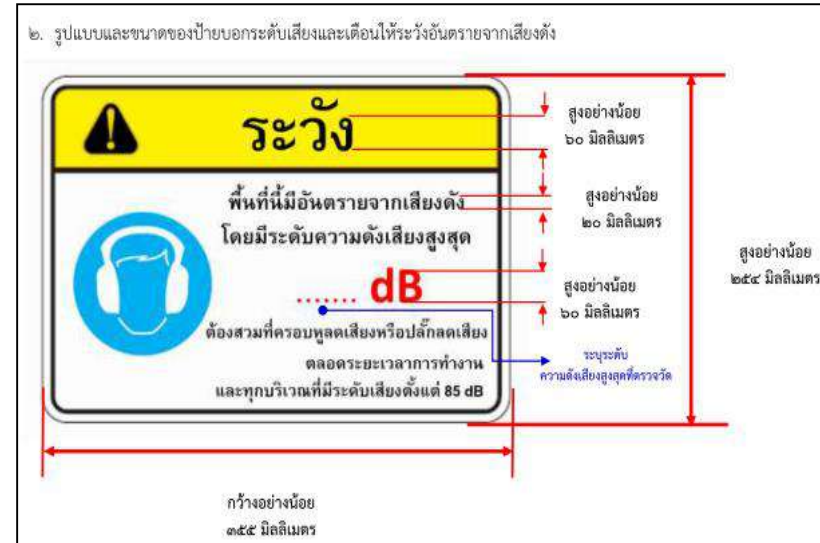
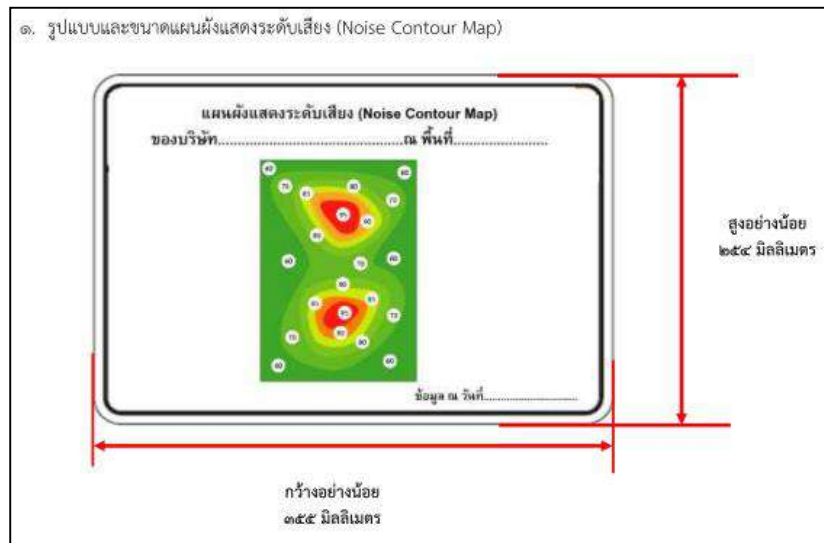


# 1. ความรู้เบื้องต้นเกี่ยวกับโครงการอนุรักษ์การได้ยิน



## 5. การจัดทำและติดแผนผังแสดงระดับเสียง

นายจ้างต้องจัดทำและ**ติดแผนผังแสดงระดับเสียง(Noise Contour Map)** ในแต่ละพื้นที่เกี่ยวกับผลการตรวจวัดระดับเสียง **ติดป้ายบอกระดับเสียงและเตือนให้ระวังอันตรายจากเสียงดัง** รวมถึง**จัดให้มีเครื่องหมายเตือนให้ใช้อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล** ในแต่ละพื้นที่ที่มีความเสี่ยงจากเสียงดังและทุกพื้นที่ที่มีระดับเสียงดัง**ตั้งแต่แปดสิบห้าเดซิเบลขึ้นไป**





### 6. การอบรมให้ความรู้

ให้นายจ้างอบรมให้ความรู้ความเข้าใจแก่ลูกจ้างที่ทำงานในบริเวณที่มีระดับเสียงดังที่ได้รับเฉลี่ยตลอดระยะเวลาการทำงานแปดชั่วโมงตั้งแต่แปดสิบห้าเดซิเบลเอขึ้นไป และลูกจ้างที่เกี่ยวข้องในสถานประกอบกิจการ ดังนี้

- เกี่ยวกับมาตรการอนุรักษ์การไถ่ยืม
- ความสำคัญของการทดสอบสมรรถภาพการไถ่ยืม
- อันตรายของเสียงดัง
- การควบคุม ป้องกัน
- การใช้อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล



# 1. ความรู้เบื้องต้นเกี่ยวกับโครงการอนุรักษ์การไต่ยืน



## 7. การประเมินและทบทวนการจัดการ

นายจ้างประเมินผลและทบทวนการจัดการมาตรการอนุรักษ์การไต่ยืนในสถานประกอบกิจการ**ไม่น้อยกว่าปีละหนึ่งครั้ง**

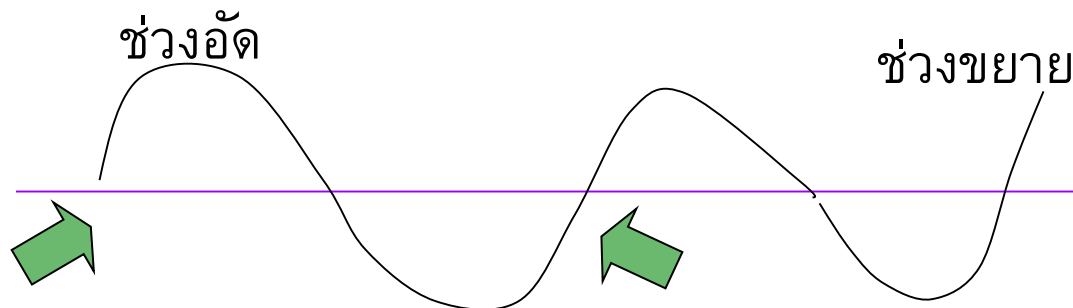
1. Internal Integrity ตาม Draft ANSI S12.13-1991 : การประเมินเกี่ยวกับปัจจัยที่เกี่ยวข้องกับระดับการไต่ยืน เช่น ประเมินวิธีการตรวจวัด, การสอบเทียบเครื่องมือ, ปัญหาในเรื่องการจัดเก็บเอกสาร
2. OSHA : พิจารณา Prevalence Rate โดยกลุ่มที่สัมผัสเสี่ยงดังตมมีอัตราชุกของการสูญเสียการไต่ยืน ไม่เกิน 10% ของกลุ่มที่ไม่ได้สัมผัสปัจจัยเสี่ยง เกณฑ์การสูญเสียการไต่ยืนพิจารณาจากค่าเฉลี่ยผลการตรวจสอบสมรรถภาพการไต่ยืนที่ความถี่ 500 1000 2000 เฮิร์ตซ์ มากกว่า 25 เดซิเบล
3. อื่นๆ : โดยการประเมินจากร้อยละของผู้ปฏิบัติงานที่เป็นกลุ่มเสี่ยงเทียบกับกลุ่มปกติ, ประเมินจาก Incident Rate หรือประเมินจากตัวแปรอื่นๆที่เกี่ยวข้องกับการสูญเสียการไต่ยืน เช่น อายุ เพศ สถานภาพ หรือประวัติอื่นๆ



## 2. อันตรายจากเสียงดัง



- เสียงเกิดจากการเปลี่ยนแปลงความดันในตัวกลางชนิดต่าง ๆ เช่น น้ำ อากาศ หรือตัวกลางอื่นที่มนุษย์สามารถได้ยิน ความดันที่เปลี่ยนแปลงต่อวินาที เรียกว่า ความถี่ของเสียงมีหน่วยเป็น Hz
- เสียงดัง (NOISE) หมายถึง เสียงที่คนเราไม่ต้องการได้ยิน เสียงรบกวนการรับรู้ และเสียงที่เป็นอันตรายต่อการได้ยิน
- มนุษย์สามารถได้ยินเสียงในช่วงความถี่ระหว่าง 20 - 20000 Hz
- เสียงที่มีความถี่สูงจะน่ารำคาญมากกว่าเสียงที่มีความถี่ต่ำ
- **ความยาวคลื่น (WAVELENGTH)**
- ความยาวคลื่นเป็นระยะที่วัดระหว่างจุด 2 จุดในสองช่วงคลื่น





## 2. อันตรรกะจากเสียงดัง



### ความถี่ (FREQUENCY)

ช่วงอัด 1 ช่วงที่ติดกัน เรียก 1 ไฮเคิล หน่วยเป็นไฮเคิลต่อวินาที เรียกว่า ความถี่เสียง (Hz)

### ความเร็วของเสียง (VELOCITY)

ความเร็วของเสียง = ความถี่ของเสียง X ความยาวคลื่นเสียง  
อุณหภูมิ 22.2 C จะมีความเร็ว 344 m/sec



## 2. อันตรายจากเสียงดัง



### ประเภทของเสียง แบ่งตามลักษณะการเกิดเสียงได้ 3 ลักษณะ

**1. เสียงดังแบบต่อเนื่อง (continuous Noise)** เป็นเสียงดังที่เกิดขึ้นอย่างต่อเนื่อง จำแนกออกเป็น 2 ลักษณะ คือ เสียงดังต่อเนื่องแบบคงที่ (steady-state Noise) และเสียงดังต่อเนื่องที่ไม่คงที่ (Non steady state Noise)

1.1 เสียงดังต่อเนื่องแบบคงที่ (Steady-state Noise) เป็นลักษณะเสียงดังต่อเนื่องที่มีระดับเสียง เปลี่ยนแปลง ไม่เกิน 3 เดซิเบล เช่น เสียงจากเครื่องทอผ้า เครื่องปั่นด้าย เสียงพัดลม เป็นต้น

1.2 เสียงดังต่อเนื่องที่ไม่คงที่ (Non-steady state Noise) เป็นลักษณะเสียงดังต่อเนื่องที่มี ระดับเสียงเปลี่ยนแปลง เกินกว่า 10 เดซิเบล เช่น เสียงจากเลื่อยวงเดือน เครื่องเจียร เป็นต้น

**2. เสียงดังเป็นช่วง ๆ (Intermittent Noise)** เป็นเสียงที่ดังไม่ต่อเนื่อง มีความเงียบหรือเบากว่าเป็นระยะๆ สลับไปมา เช่น เสียงเครื่องปั๊ม/อัดลม เสียงจราจร เสียงเครื่องบินที่บินผ่านไปมา เป็นต้น

**3. เสียงดังกระทบ หรือ กระแทก (Impact or Impulse Noise)** เป็นเสียงที่เกิดขึ้นและสิ้นสุดอย่างรวดเร็ว ในเวลาน้อยกว่า 1 วินาที มีการเปลี่ยนแปลงของเสียงมากกว่า 40 เดซิเบล เช่น เสียงการตอกเสาเข็ม การปั๊มชิ้นงาน การทุบเคาะอย่างแรง เป็นต้น



## 2. อันตรายจากเสียงดัง

### ระดับเสียงในกิจกรรมต่าง ๆ (หน่วย เดซิเบล)

เครื่องบินเจ็ท ห่าง 50 ฟุต



เจาะถนน



สำนักงานทั่วไป



ห้องนั่งเล่น



เดซิเบลเอ



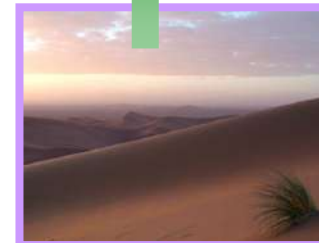
ดิสโก้เทค/คอนเสิร์ต



ถนนที่มีการจราจรคับคั่ง



ห้องสมุด



ทะเลทราย



## 2. อันตรายจากเสียงดัง



### ระดับเสียงที่เป็นสาเหตุแห่งการสูญเสียการได้ยิน

จำนวนชั่วโมง	สถานการณ์	ระดับเสียง (เดซิเบลเอ)
ไม่จำกัดชั่วโมง	สนทนาทั่วไป	60-70
4 - 5	กรีดร้อง หรือ ตะโกน	85-90
0	แตรรถยนต์	110
0	การแสดงดนตรีร็อค/ เครื่องบินไอพ่น	120
0	ยิงปืน	140



## 2. อันตรายจากเสียงดัง



### ระดับเสียงที่ยอมให้รับสัมผัสได้

ระดับเสียง (เดซิเบลเอ)	ชั่วโมงการทำงานที่สัมผัสเสียงได้
90	8
95	4
100	2
105	1
110	0.5



## 2. อันตรายจากเสียงดัง



### อันตรายของเสียงต่อสุขภาพทั่วไป

1. ทำให้การทำงานของระบบการไหลเวียนโลหิต ระบบประสาทและระบบต่อมไร้ท่อทำงานผิดปกติ
2. ทำให้สมดุลร่างกายเปลี่ยนแปลงโดยทำให้ความดันโลหิตสูงขึ้นกว่าปกติ การเต้นของหัวใจผิดปกติ และการ หดตัวของเส้นเลือดผิดปกติ

### อันตรายของเสียงต่อความปลอดภัยในการทำงาน

1. ทำให้พฤติกรรมส่วนบุคคลเปลี่ยนแปลง เช่น เชื่องช้าต่อการตอบสนอง สัญญาณต่าง ๆ และเกิดความว้าวุ่นใจในการทำงานทำให้ การทำงานผิดพลาดจนเกิดอุบัติเหตุได้
2. รบกวนการทำงานทำให้ประสิทธิภาพการทำงานลดลง ลักษณะของเสียงที่พบว่ามีผลต่อการลดประสิทธิภาพการปฏิบัติงาน ได้แก่
  - เสียงดัง ๆ หยุต ๆ เป็นช่วง (Transient noise)
  - เสียงที่มีความถี่สูงกว่า 2,000 Hz.
  - เสียงที่ดังต่อเนื่องเป็นระยะเวลานาน (Continuous noise)
  - เสียงที่มีลักษณะต่าง ๆ ข้างต้นผสมผสานกัน
3. รบกวนการนอนหลับ ทำให้เกิดความอ่อนเพลียเมื่อปฏิบัติงานอาจเกิดความผิดพลาดได้ง่าย
4. รบกวนการติดต่อสื่อสาร



## 2. อันตรายจากเสียงดัง



### ชนิดของการสูญเสียการได้ยิน

#### 1. การสูญเสียการได้ยินจากมลภาวะทางเสียง (Noise-Induced hearing loss)

การสูญเสียการได้ยินชนิดนี้สามารถเกิดขึ้นได้กับทุกคนในทุกวัย เนื่องจากสาเหตุเกิดจากการรับฟังเสียงที่ดังเกินไปซึ่งทำให้เซลล์ขน (hair cells) ที่อยู่ภายในหูชั้นในถูกทำลาย โดยที่การสูญเสียการได้ยินประเภทนี้อาจเกิดจากการได้รับฟังเสียงเพียงครั้งเดียวที่ดังมากๆ เช่น เสียงปืนที่ดังข้างๆ หูที่ไม่มีเครื่องป้องกันเสียง หรือ เกิดจากการฟังเสียงที่ดังเกินกว่า 85 เดซิเบล (dB) ต่อเนื่องมาเป็นระยะเวลานาน เช่น การฟังเพลงด้วยหูฟังที่ปรับระดับความดังไว้ที่สูงสุด หรือการทำงานกับเครื่องจักรกลที่มีเสียงดังโดยไม่ใส่เครื่องป้องกันเสียงมานานอย่างต่อเนื่อง

#### 3. การสูญเสียการได้ยินจากประสาทหูเสื่อม (Sensorineural hearing loss)

การสูญเสียการได้ยินชนิดนี้จะเกี่ยวข้องกับความเสี่ยงของหูชั้นใน โดยที่ขนาดเล็กๆ ที่เรียงกันในส่วนทางเดินของเสียงภายในหูชั้นในเกิดความเสียหาย การสูญเสียการได้ยินชนิดนี้ส่วนใหญ่มักเกิดจากการรับฟังเสียงที่ดังติดต่อกันเป็นระยะเวลานาน การติดเชื้อแบคทีเรียและไวรัส การสะสมของของเหลวในหูชั้นใน การบาดเจ็บอย่างกะทันหัน และการเสื่อมตามวัย ซึ่งการที่ประสาทหูเสื่อมนี้ไม่สามารถรักษาได้ด้วยการใช้ยาหรือการผ่าตัด ดังนั้นการใช้เครื่องช่วยฟังจึงเป็นวิธีเดียวสำหรับการรักษาการสูญเสียการได้ยินอย่างถาวรนี้

#### 2. การสูญเสียการได้ยินแบบเฉียบพลัน (Sudden hearing loss)

โดยทั่วไปแล้วการสูญเสียการได้ยินมักเกิดขึ้นช้าๆ อย่างค่อยเป็นค่อยไปตามอายุที่มากขึ้น แต่การสูญเสียการได้ยินประเภทนี้สามารถเกิดได้อย่างทันทีทันใด ซึ่งมีสาเหตุมาจากการได้ยินเสียงที่ดังมากเกินไปจนทำให้เกิดความเสียหายอย่างเฉียบพลัน รวมไปถึงสาเหตุจากโรคบางอย่าง เนื่องจาก การได้รับบาดเจ็บที่ศีรษะ หรือการใช้ยาที่มีพิษต่อหู ในผู้ป่วยส่วนใหญ่การได้ยินจะกลับมาได้เมื่อเวลาผ่านไปไม่ว่าจะดีขึ้นด้วยการใช้ยาหรือกลับมาหายได้เองโดยไม่ต้องรักษา แต่ในผู้ป่วยบางรายการสูญเสียการได้ยินอาจเกิดขึ้นถาวรได้เช่นกัน

#### 4. การสูญเสียการได้ยินแบบการนำเสียงเสีย (Conductive hearing loss)

การสูญเสียการได้ยินชนิดนี้เกิดขึ้นเมื่อหูชั้นในไม่สามารถรับสัญญาณคลื่นเสียงได้อย่างชัดเจน ซึ่งอาจเกิดจากการบาดเจ็บของหูชั้นกลาง การที่มีของเหลวสะสมอยู่หลังเยื่อแก้วหู หรือมีขี้หูสะสมมากเกินไป การรักษาการได้ยินประเภทนี้มักใช้ยาในการรักษา แต่หากการใช้ยาหรือการผ่าตัดไม่สามารถทำได้ การใช้เครื่องช่วยฟังก็อาจเป็นทางเลือกที่เหมาะสมสำหรับแก้ปัญหาการสูญเสียการได้ยินประเภทนี้



## 2. อันตรายจากเสียงดัง



### การสูญเสียการได้ยินเนื่องจากเสียงดัง (Noise Induced Hearing Loss)

#### 1. ประสาทหูผิดปกติเนื่องจากเสียงดังรบกวน

**1.1 การสูญเสียความสามารถในการได้ยินชั่วคราว (Temporary thresholds shift : TTS)** เซลล์ประสาทรับการได้ยินมีอาการล้าจาก การสัมผัสเสียงดังต่อเนื่องเป็นเวลานานๆ ไม่สามารถแปลสัญญาณการสั่นสะเทือนเป็นคลื่นประสาทได้ **เกิดอาการหูตึงชั่วคราว (Auditory fatigue)** อาการหูตึงนี้มักร่วมกับมีเสียงดังในหู (tinnitus) ในกรณีสงสัยว่าจะสูญเสียความสามารถในการได้ยินชั่วคราว ควรให้พนักงานพักจากการฟังเสียงที่ต่ำกว่า 70 dBA อย่างน้อย 48 ชั่วโมง

**1.2 การสูญเสียความสามารถในการได้ยินถาวร (Permanent threshold shift : PTH)** เมื่อผู้ป่วยมีอาการล้าของเซลล์รับเสียงจน **ไม่สามารถได้ยินเสียงในระดับปกติ** หากยังสัมผัสกับเสียงดังต่อเนื่องอีก ก็จะทำให้เซลล์รับเสียงถูกทำลายอย่างถาวร (Degenerative change of hair cell)

- ในระยะแรกการสูญเสียการได้ยินจะเริ่มเสียที่ช่วงความถี่ของเสียง 3,000 — 6,000 Hz. และจะพบเสมอว่าจะเสีย ที่ความถี่ของการได้ยินที่ 4,000 Hz. ก่อนความถี่อื่นๆ
- เริ่มมีเสียงดังรบกวนในหู ความไวของหูในการรับเสียงลดลง แต่พอเลิกงาน ไม่ได้อยู่ในที่มีเสียงดังจะรู้สึกว่าการได้ยินดีขึ้น อาจมีอาการปวดหูหรือเวียนศีรษะร่วมด้วย
- เมื่อทำงานในที่ที่มีเสียงดังเป็นระยะเวลานานๆ จะมีการสูญเสียการได้ยินไปทีละน้อย โดยไม่รู้สีก ตัว จนลุกลาม ไปถึงช่วงความถี่ของการพูดคุย (500 — 2,000 Hz.) ทำให้การรับฟังเสียงคำพูดไม่เข้าใจ ถ้าผิดปกติมากจะไม่ ทราบทิศทางของเสียงที่ได้ยิน
- ตรวจภายในช่องหูไม่พบสิ่งผิดปกติ ตรวจวัดการได้ยินด้วยเครื่องตรวจวัดการได้ยิน จะได้กราฟลักษณะเส้น ประสาทหูผิดปกติ

#### 2. ประสาทหูผิดปกติเนื่องจากมีเสียงดังมาก ๆ

- หูอื้อทันทีหลังจากได้รับเสียงดัง
- มีเสียงดังในหูตลอดเวลา
- มักฟังคำพูดเข้าใจดี เนื่องจากการได้ยินไม่เสียที่บริเวณ
- ความถี่ของการพูดคุย
- เมื่อตรวจวัดการได้ยินพบว่า มีลักษณะความผิดปกติ
- ตรวจภายในช่องหูพบว่า ช่องหูชั้นนอกปกติ แต่อาจมี แก้วหูทะลุร่วมด้วย



### 3.ความสำคัญของการทดสอบการได้ยิน



#### วัตถุประสงค์เพื่อ

1. เพื่อเป็นข้อมูลพื้นฐานด้านระดับการได้ยินเสียงของลูกจ้างที่เข้าปฏิบัติงานใหม่ในแผนกที่มีเสียงดังตั้งแต่ 85 เดซิเบลเอขึ้นไป
2. เพื่อเป็นการค้นหาผู้ที่มีการสูญเสียการได้ยินในระยะเริ่มต้น
3. เพื่อใช้เป็นข้อมูลในการวางแผนการควบคุมป้องกันการสูญเสียการได้ยินในสถานประกอบการ
4. เพื่อติดตามผลของการป้องกันการสูญเสียการได้ยิน ในสถานประกอบการ

#### กลุ่มคนที่ได้รับการตรวจสอบสมรรถภาพการได้ยิน

- พนักงานใหม่ต้องได้รับการทดสอบการได้ยินก่อนการรับเข้าทำงาน หรือภายใน 6 เดือนแรกที่สัมผัสเสียง
- พนักงานเก่าที่ทำงานและได้รับสัมผัสเสียงเฉลี่ยตลอดระยะเวลาการทำงาน 8 ชั่วโมง ตั้งแต่ระดับ 85 dBA ขึ้นไป อย่างน้อยเป็นประจำทุกปี



### 3.ความสำคัญของการทดสอบการได้ยิน



#### การตรวจหูและประเมินการได้ยิน

**1.Otoscopy** การตรวจโดยใช้โอโตสโคป ดูสภาพภายในช่องหูชั้นนอก และเงาของช่องหูชั้นกลาง เพื่อตรวจดูสภาวะการอักเสบภายใน



**2. การตรวจการได้ยินโดยใช้ส้อมเสียง (tuning-fork)** ใช้เพื่อทดสอบการได้ยินอย่างคร่าวๆ ทราบผลได้อย่างรวดเร็ว มีวิธีการตรวจ 2 วิธี คือ

1. Weber test แยกการนำเสียงพ้องกับประสาทรับฟังเสียงพ้อง ในผู้ที่หูเสีย 1 ข้าง โดยการเคาะส้อมเสียงแล้ว วางไว้ที่แนวกลางของศีรษะ
2. Rinne test เพื่อเปรียบเทียบการนำเสียงทางอากาศ(AC) กับ การนำเสียงทางกระดูก(BC) ในหูข้างเดียวกัน โดย วางส้อมเสียง ไว้ที่หน้าใบหูและที่หลังใบหูบริเวณกระดูก Mastoid



ภาพที่ 21 การทำ Functional check เป็นสิ่งผู้ตรวจการได้ยินจะต้องทำเป็นประจำทุกวัน เพื่อจะได้ทราบว่าเครื่องตรวจการได้ยินมีความผิดปกติใดๆ เกิดขึ้นหรือไม่

**3. การตรวจการได้ยินด้วยเครื่อง Audiometer** เป็นการตรวจวัดระดับความดังเสียงต่ำสุด ที่ผู้เข้ารับการตรวจสอบสามารถได้ยิน ที่ความถี่ต่างๆ



## 4. การควบคุมป้องกันอันตรายจากเสียงดัง

### หลักการควบคุมอันตรายจากเสียงดัง



#### 1. การควบคุมที่แหล่งกำเนิด

- ออกแบบเครื่องจักรหรือใช้เทคโนโลยีที่ไม่ก่อให้เกิดเสียงดัง
- ตรวจสอบและบำรุงรักษาการทำงานของเครื่องจักร และอุปกรณ์ที่เกี่ยวข้องอยู่เสมอ

#### 2. การควบคุมที่ทางผ่าน

- เพิ่มระยะห่างระหว่างพื้นที่ปฏิบัติงานกับเครื่องจักรที่มีเสียงดัง
- ติดตั้งวัสดุดูดซับเสียง
- ติดตั้งห้องครอบเสียงให้กับเครื่องจักรที่มีเสียงดัง

#### 3. การควบคุมเสียงดังที่ผู้รับเสียง

วิธีนี้จะต้องมีการลงทุนค่าใช้จ่ายในการจัดซื้ออุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล ซึ่งอุปกรณ์ดังกล่าวก็มีอายุการใช้งานแตกต่างกันไป และปัจจัยที่จะทำให้บุคคลมีพฤติกรรมอนามัยที่ดีในการป้องกันขึ้นกับองค์ประกอบหลายอย่าง เช่น

- อุปกรณ์ที่ต้องการให้สวมใส่ควรมีน้ำหนักเบา
- สวมใส่สบาย ใส่แล้วไม่เจ็บ
- ไม่เป็นอุปสรรคต่อการสื่อสาร



## 5. การใช้อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล



### อุปกรณ์ป้องกันอันตรายจากเสียงดัง

- ที่ครอบหูลดเสียง (Ear Muffs)

- สามารถลดเสียงที่ความถี่สูงกว่า 400 เฮิรต์ได้ดี
- มีชนิดที่สวมศีรษะและชนิดติดกับอุปกรณ์อื่น เช่น หมวกนิรภัย
- ที่ครอบหูจะช่วยลดเสียงดังได้ประมาณ 15 – 30 เดซิเบลเอ



- ที่อุดหูลดเสียง (Ear plugs)

- เป็นชนิดที่สวมใส่เข้าไปในหู สามารถลดเสียงที่ความถี่ต่ำกว่า 400 เฮิรต์ได้ดี
- ทำด้วยวัสดุต่าง ๆ เช่น พลาสติก ยาง โฟม ซิลิโคน ฝ้าย
  - สำลีธรรมชาติลดได้ 8 เดซิเบลเอ
  - โยแกว 20 เดซิเบลเอ
  - ยางซิลิโคน 15-30 เดซิเบลเอ
  - ยางอ่อน ยางแข็ง 18-25 เดซิเบลเอ





## 5. การใช้อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล



### ปลั๊กลดเสียง

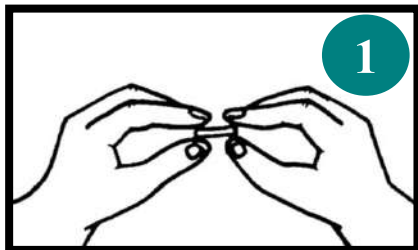


ชนิดซิลิโคน



ชนิดโฟม

## วิธีการใส่ปลั๊กลดเสียง



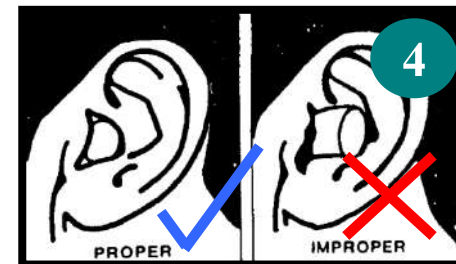
บีบปลั๊กลดเสียงให้เล็ก



ใช้นิ้วกดทิ้งไว้  
ประมาณ 30 วินาที



ตรวจสอบว่าปลั๊ก  
อุดแน่นหรือไม่



ดึงใบหูไปด้านหลัง  
ใส่ปลั๊กในรูหู



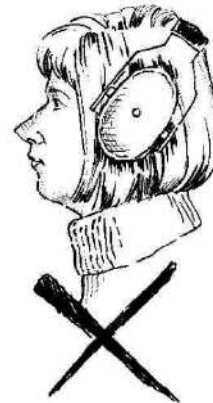
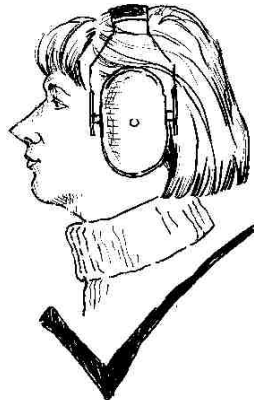
## 5. การใช้อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล



### ครอบหูลดเสียง



### วิธีการใส่ครอบหูลดเสียง



การใส่ที่ไม่ถูกต้อง



## 5. การใช้อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล



### การบำรุงรักษาอุปกรณ์ป้องกันอันตรายจากเสียง

#### ■ การบำรุงรักษาอุปกรณ์ป้องกันอันตรายจากเสียง

- ทำความสะอาดทุกครั้งหลังจากการใช้งาน โดยใช้น้ำสบู่เช็ดทำความสะอาด แล้วผึ่งแดด
- ตรวจสอบอุปกรณ์ ถ้ามีการชำรุดให้เปลี่ยนอุปกรณ์
- ถ้าเป็นที่อุดหูลดเสียงชนิดที่ทำด้วยโฟม หรือสำลี ควรใช้เพียงครั้งเดียวแล้วทิ้ง



## 5. การใช้อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล



### ข้อดี – ข้อเสีย ของอุปกรณ์ป้องกันเสียง

#### ข้อดีของที่อุดหู (Ear plugs)

- ลดเสียงที่ความถี่ต่ำได้ดีกว่าที่ครอบหู
- สวมใส่สบาย ไม่ร้อน
- ไม่เป็นอุปสรรคต่อการสวมใส่อุปกรณ์อื่นบนศีรษะ
- พกพาสะดวก เก็บง่าย

#### ข้อจำกัดของที่อุดหู (Ear plugs)

- หายง่าย
- ใช้ไม่ได้หากหูกมีบาดแผล
- ใช้เวลาในการสวมใส่ให้กระชั้นชิดมากกว่า
- ผู้ใช้มักปฏิเสธการใช้ในระยะแรก

#### ข้อดีของที่ครอบหู (Ear Muffs)

- ลดเสียงที่ความถี่สูงได้ดีกว่าที่อุดหู
- สวมใส่ง่าย
- ผู้ใช้ยอมรับได้ง่าย
- ใช้กับศีรษะได้หลายขนาด

#### ข้อจำกัดของที่ครอบหู (Ear Muffs)

- หนัก ขนาดใหญ่ พกพาไม่สะดวก
- ไม่เหมาะกับอากาศร้อน
- อาจเป็นอุปสรรคเมื่อสวมใส่ร่วมกับอุปกรณ์อื่น
- ราคาสูง



**Thank You**





ภาคผนวก ค

ใบรับรองผลการตรวจวิเคราะห์

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## Analysis / Test Report

**Client** : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่ 4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2242910**  
Date Received : May 11, 2022  
Date Reported : May 18, 2022  
Report Number : 2280459-1

Page 1 of 1

**Sample Number** : 2242910-1  
**Sample Description** : Emission from Stationary Source  
**Location** : ปล่อง HRSG 11  
**Measurement Date** : May 10, 2022

### Stack Description

Ambient Temperature	30 °C	Diameter	3.00 m	Oxygen	14.60 %
Ambient Pressure	757 mmHg	Shape	Circle	Carbon dioxide	3.93 %
Type of Process	Combustion	Stack Temperature	113 °C	Gas Velocity	16.26 m/s
Type of Fuel	Natural Gas	Moisture	7.31 %	Flow Rate	294973 Nm3/hr

Run No.	Sampling Time	Oxygen (%)	Carbon Dioxide (%)	Oxides of Nitrogen (ppm)		Sulfur Dioxide (ppm)	
				at Actual O <sub>2</sub>	at 7% O <sub>2</sub>	at Actual O <sub>2</sub>	at 7% O <sub>2</sub>
1	10:20 AM - 10:40 AM	14.68	3.87	21.23	47.42	0.31	0.69
2	10:41 AM - 11:01 AM	14.62	3.93	22.00	48.67	0.19	0.41
3	11:02 AM - 11:22 AM	14.50	3.99	22.59	49.03	0.15	0.32
Average (ppm)		14.60	3.93	21.94	48.37	0.21	0.47
Guideline <sup>1/</sup> (ppm)				-	60	-	6
Guideline <sup>2/</sup> (ppm)				-	120	-	20
Result (mg/m <sup>3</sup> )				41.28	91.01	0.56	1.24
Emission Rate at Actual O <sub>2</sub> (g/s)				3.3820		0.0458	
Guideline <sup>1/</sup> (g/s)				7.4		1.0	
Method				US EPA Method 7E		US EPA Method 6C	

**Sampled By** : Ussaree Namburee

**Guideline** : <sup>1/</sup> Environmental Impact Assessment Report of Gulf BP Co., Ltd

<sup>2/</sup> Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.

**Technical Management**

Wichan Choonharat  
Manager

ทะเบียนเลขที่ ว-204-ค-6113

**Approved by**

Sarayuth Jittranont  
Assistant General Manager  
ทะเบียนเลขที่ ว-204-ค-4702

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## Analysis / Test Report

**Client** : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่ 4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2242913**  
Date Received : May 11, 2022  
Date Reported : May 18, 2022  
Report Number : 2280461-1

Page 1 of 1

**Sample Number** : 2242913-1  
**Sample Description** : Emission from Stationary Source  
**Location** : ปล่อง HRSG 12  
**Measurement Date** : May 10, 2022

### Stack Description

Ambient Temperature	30 °C	Diameter	3.00 m	Oxygen	14.26 %
Ambient Pressure	757 mmHg	Shape	Circle	Carbon dioxide	4.15 %
Type of Process	Combustion	Stack Temperature	112 °C	Gas Velocity	16.27 m/s
Type of Fuel	Natural Gas	Moisture	7.59 %	Flow Rate	294483 Nm3/hr

Run No.	Sampling Time	Oxygen (%)	Carbon Dioxide (%)	Oxides of Nitrogen (ppm)		Sulfur Dioxide (ppm)	
				at Actual O <sub>2</sub>	at 7% O <sub>2</sub>	at Actual O <sub>2</sub>	at 7% O <sub>2</sub>
1	12:20 PM - 12:40 PM	14.25	4.16	14.97	31.28	0.10	0.21
2	12:41 PM - 01:01 PM	14.26	4.15	14.97	31.33	0.07	0.16
3	01:02 PM - 01:22 PM	14.28	4.12	14.89	31.26	0.10	0.21
Average (ppm)		14.26	4.15	14.95	31.29	0.09	0.19
Guideline <sup>1/</sup> (ppm)				-	60	-	6
Guideline <sup>2/</sup> (ppm)				-	120	-	20
Result (mg/m <sup>3</sup> )				28.12	58.87	0.24	0.51
Emission Rate at Actual O <sub>2</sub> (g/s)				2.3001		0.0199	
Guideline <sup>1/</sup> (g/s)				7.40		1.0	
Method				US EPA Method 7E		US EPA Method 6C	

**Sampled By** : Ussaree Namburee

**Guideline** : <sup>1/</sup> Environmental Impact Assessment Report of Gulf BP Co., Ltd

<sup>2/</sup> Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.

**Technical Management**

Wichan Choonharat  
Manager

ทะเบียนเลขที่ ว-204-ค-6113

**Approved by**

Sarayuth Jittranont  
Assistant General Manager  
ทะเบียนเลขที่ ว-204-ค-4702

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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242915**

Date Received : May 11, 2022  
Date Reported : May 19, 2022  
Report Number: 2280464-1

Page 1 of 2

**Sample Number** 2242915-1  
**Sampled Date** May 10, 2022  
**Sample Description** Emission from stationary source  
**Location** ปล่อง HRSG 11  
**Date Analysis Commenced** May 13, 2022  
**Condition of Sample** Extracted into one filter paper placed in plastic petri dish and one amber plastic bottle

### Stack Description

Ambient Pressure	757	mmHg	Diameter	3.0	m	Oxygen	14.6	%
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	3.9	%
Type of Process	Combustion		Stack Temperature	113	°C	Gas Velocity	16.2	m/s
Type of Fuel	Natural Gas		Moisture	7.38	%	Flow Rate (Actual O2)	294326	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O <sub>2</sub>	Result at 14.6 % O <sub>2</sub>	Guideline (1)	Guideline (2)	Method	Testing Location
<b>Air Testing</b>										
Total Suspended Particulate	10:20 AM - 11:08 AM	mg/m3	-	0.5	<0.5	<0.5	28	60	US EPA, Method 5	Bangkok

### Guideline :

Guideline (1) Environmental Impact Assessment Report of Gulf BP Co., Ltd.  
Guideline (2) Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.

Technical Management

*Saranya C.*  
Saranya Chalermthamrong  
Scientist (4)  
ทะเบียนเลขที่ ว-204-จ-4717

Approved by

*Kanokkorn Anek*  
Kanokkorn Anek  
Senior Manager  
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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242915**

Date Received : May 11, 2022  
Date Reported : May 19, 2022  
Report Number: 2280464-1

Page 2 of 2

**Sample Number** 2242915-1  
**Sampled Date** May 10, 2022  
**Sample Description** Emission from stationary source  
**Location** ปล่อง HRSG 11  
**Date Analysis Commenced** May 13, 2022  
**Condition of Sample** Extracted into one filter paper placed in plastic petri dish and one amber plastic bottle

### Stack Description

Ambient Pressure	757	mmHg	Diameter	3.0	m	Oxygen	14.6	%
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	3.9	%
Type of Process	Combustion		Stack Temperature	113	°C	Gas Velocity	16.2	m/s
Type of Fuel	Natural Gas		Moisture	7.38	%	Flow Rate (Actual O2)	294326	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
<b>Air Testing</b>									
Total Suspended Particulate *	10:20 AM - 11:08 AM	g/s	-	-	<0.04	1.8	-	Calculated	Bangkok

### Guideline :

Guideline (1) Environmental Impact Assessment Report of Gulf BP Co., Ltd.  
Guideline (2) Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.

**Sampled By :** AnechaTansamai

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

**Technical Management**

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**Approved by**

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Kanokkorn Anek  
Senior Manager  
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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

**P/O :** สัญญาเลขที่ 4600001491

**Project Name :** Monitoring EIA

**Project Location :** GBP

**Lot ID: 2242918**

Date Received : May 11, 2022

Date Reported : May 19, 2022

Report Number: 2280468-1

Page 1 of 2

**Sample Number** 2242918-1  
**Sampled Date** May 10, 2022  
**Sample Description** Emission from stationary source  
**Location** ปล่อง HRSG 12  
**Date Analysis Commenced** May 13, 2022  
**Condition of Sample** Extracted into one filter paper placed in plastic petri dish and one amber plastic bottle

### Stack Description

Ambient Pressure	757	mmHg	Diameter	3.0	m	Oxygen	14.3	%
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	4.2	%
Type of Process	Combustion		Stack Temperature	112	°C	Gas Velocity	16.2	m/s
Type of Fuel	Natural Gas		Moisture	7.69	%	Flow Rate (Actual O2)	293891	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O <sub>2</sub>	Result at 14.3 % O <sub>2</sub>	Guideline (1)	Guideline (2)	Method	Testing Location
<b>Air Testing</b>										
Total Suspended Particulate	12:20 PM - 01:08 PM	mg/m3	-	0.5	<0.5	<0.5	28	60	US EPA, Method 5	Bangkok

### Guideline :

Guideline (1) Environmental Impact Assessment Report of Gulf BP Co., Ltd.

Guideline (2) Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.

Technical Management

*Saranya C.*

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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242918**

Date Received : May 11, 2022  
Date Reported : May 19, 2022  
Report Number: 2280468-1

Page 2 of 2

**Sample Number** 2242918-1  
**Sampled Date** May 10, 2022  
**Sample Description** Emission from stationary source  
**Location** ปล่อง HRSG 12  
**Date Analysis Commenced** May 13, 2022  
**Condition of Sample** Extracted into one filter paper placed in plastic petri dish and one amber plastic bottle

### Stack Description

Ambient Pressure	757	mmHg	Diameter	3.0	m	Oxygen	14.3	%
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	4.2	%
Type of Process	Combustion		Stack Temperature	112	°C	Gas Velocity	16.2	m/s
Type of Fuel	Natural Gas		Moisture	7.69	%	Flow Rate (Actual O2)	293891	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
<b>Air Testing</b>									
Total Suspended Particulate *	12:20 PM - 01:08 PM	g/s	-	-	<0.04	1.8	-	Calculated	Bangkok

### Guideline :

Guideline (1) Environmental Impact Assessment Report of Gulf BP Co., Ltd.  
Guideline (2) Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.

**Sampled By :** AnechaTansamai

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

**Technical Management**

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Saranya Chalermthamrong  
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ทะเบียนเลขที่ ว-204-จ-4717

**Approved by**

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Senior Manager  
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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

**P/O :** GBP-4210800665

**Project Name :** Monitoring EIA

**Project Location :** GBP

**Lot ID: 2240028**

Date Received : May 13, 2022

Date Reported : May 23, 2022

Report Number : 2274105-1C9

Page 1 of 1

<b>Sample Number</b>	2240028-1
<b>Sample Description</b>	Air Quality
<b>Location</b>	รพ.สต.บ้านห้วย (GPS 47P 0673095, 1578457)
<b>Date Analysis Commenced</b>	May 14, 2022
<b>Condition of Sample</b>	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2240028-1	May 05 - May 06, 2022	0.062	0.025	757	32
2240028-2	May 06 - May 07, 2022	0.056	0.019	757	32
2240028-3	May 07 - May 08, 2022	0.034	0.014	757	32
2240028-4	May 08 - May 09, 2022	0.050	0.022	757	32
2240028-5	May 09 - May 10, 2022	0.042	0.016	757	32
2240028-6	May 10 - May 11, 2022	0.042	0.017	757	30
2240028-7	May 11 - May 12, 2022	0.046	0.018	757	32
<b>Guideline</b>		0.33	0.12	-	-

### Reference Method

Total Suspended Particulate : US EPA 40 CFR Part 50 Appendix B

Particulate Matter (PM-10) : US EPA 40 CFR Part 50 Appendix J

**Guideline :** Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

**Sampled By :** Teeravut Sukdee

Approved by

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)

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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2240028**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number : 2321076-1C9

Page 1 of 1

**Sample Number** 2240028-8  
**Sample Description** Air Quality  
**Location** โรงเรียนเจ้าฟ้าสร้าง (GPS 47P 0670135, 1575164)  
**Date Analysis Commenced** May 14, 2022  
**Condition of Sample** Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2240028-8	May 05 - May 06, 2022	0.065	0.036	757	32
2240028-9	May 06 - May 07, 2022	0.048	0.023	757	32
2240028-10	May 07 - May 08, 2022	0.032	0.017	757	32
2240028-11	May 08 - May 09, 2022	0.046	0.025	757	32
2240028-12	May 09 - May 10, 2022	0.035	0.019	757	32
2240028-13	May 10 - May 11, 2022	0.035	0.018	757	30
2240028-14	May 11 - May 12, 2022	0.039	0.020	757	32
<b>Guideline</b>		0.33	0.12	-	-

### Reference Method

Total Suspended Particulate : US EPA 40 CFR Part 50 Appendix B

Particulate Matter (PM-10) : US EPA 40 CFR Part 50 Appendix J

**Guideline :** Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

**Sampled By :** Teeravut Sukdee

Approved by

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)

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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2240028**

Date Received : May 13, 2022  
Date Reported : Jul 01, 2022  
Report Number : 2321077-1C9 Rev. No.1

Page 1 of 1

<b>Sample Number</b>	2240028-15
<b>Sample Description</b>	Air Quality
<b>Location</b>	หมู่ที่ 3 ตำบลบ้านเลน (GPS 47P 0674900, 1574351)
<b>Date Analysis Commenced</b>	May 14, 2022
<b>Condition of Sample</b>	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2240028-15	May 05 - May 06, 2022	0.055	0.030	757	32
2240028-16	May 06 - May 07, 2022	0.049	0.023	757	32
2240028-17	May 07 - May 08, 2022	0.034	0.017	757	32
2240028-18	May 08 - May 09, 2022	0.051	0.027	757	32
2240028-19	May 09 - May 10, 2022	0.045	0.019	757	32
2240028-20	May 10 - May 11, 2022	0.037	0.018	757	30
2240028-21	May 11 - May 12, 2022	0.038	0.018	757	32
<b>Guideline</b>		0.33	0.12	-	-

### Reference Method

Total Suspended Particulate : US EPA 40 CFR Part 50 Appendix B

Particulate Matter (PM-10) : US EPA 40 CFR Part 50 Appendix J

**Guideline :** Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

**Sampled By :** Teeravut Sukdee

Approved by

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)

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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2240028**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number : 2321085-1C9

Page 1 of 1

<b>Sample Number</b>	2240028-22
<b>Sample Description</b>	Air Quality
<b>Location</b>	หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672741, 1578180)
<b>Date Analysis Commenced</b>	May 14, 2022
<b>Condition of Sample</b>	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2240028-22	May 05 - May 06, 2022	0.038	0.029	757	32
2240028-23	May 06 - May 07, 2022	0.049	0.022	757	32
2240028-24	May 07 - May 08, 2022	0.031	0.023	757	32
2240028-25	May 08 - May 09, 2022	0.046	0.036	757	32
2240028-26	May 09 - May 10, 2022	0.034	0.025	757	32
2240028-27	May 10 - May 11, 2022	0.033	0.020	757	30
2240028-28	May 11 - May 12, 2022	0.036	0.026	757	32
<b>Guideline</b>		0.33	0.12	-	-

### Reference Method

Total Suspended Particulate : US EPA 40 CFR Part 50 Appendix B

Particulate Matter (PM-10) : US EPA 40 CFR Part 50 Appendix J

**Guideline :** Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

**Sampled By :** Teeravut Sukdee

Approved by

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800393  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2240022**

Date Received : May 13, 2022  
Date Reported : May 20, 2022  
Report Number : 2274082-1C9

Page 1 of 1

<b>Sample Description</b>	Air Quality						
<b>Location</b>	รพ.สต.บ้านหว้า (GPS 47P 0673095, 1578457)						
<b>Parameter</b>	Nitrogen dioxide (ppm)						
<b>Measurement Date</b>	May 05, 2022 - May 12, 2022						
<b>Measurement by</b>	Teeravut Sukdee						
	2240022-1	2240022-2	2240022-3	2240022-4	2240022-5	2240022-6	2240022-7
Time	May 05, 2022	May 06, 2022	May 07, 2022	May 08, 2022	May 09, 2022	May 10, 2022	May 11, 2022
11:00 AM - 12:00 PM	0.008	0.005	0.006	0.006	0.010	0.004	0.009
12:00 PM - 01:00 PM	0.006	0.005	0.006	0.006	0.004	0.005	0.008
01:00 PM - 02:00 PM	0.006	0.006	0.007	0.003	0.003	0.005	0.009
02:00 PM - 03:00 PM	0.004	0.005	0.005	0.005	0.003	0.005	0.006
03:00 PM - 04:00 PM	0.005	0.004	0.006	0.005	0.004	0.005	0.005
04:00 PM - 05:00 PM	0.005	0.006	0.009	0.008	0.008	0.008	0.007
05:00 PM - 06:00 PM	0.009	0.013	0.012	0.010	0.010	0.012	0.015
06:00 PM - 07:00 PM	0.017	0.016	0.011	0.011	0.016	0.020	0.017
07:00 PM - 08:00 PM	0.027	0.019	0.008	0.008	0.011	0.017	0.017
08:00 PM - 09:00 PM	0.029	0.017	0.010	0.007	0.011	0.017	0.017
09:00 PM - 10:00 PM	0.023	0.017	0.010	0.006	0.020	0.013	0.013
10:00 PM - 11:00 PM	0.021	0.016	0.008	0.006	0.012	0.010	0.010
11:00 PM - 12:00 AM	0.020	0.012	0.008	0.005	0.009	0.008	0.007
12:00 AM - 01:00 AM	0.019	0.011	0.007	0.005	0.009	0.009	0.006
01:00 AM - 02:00 AM	0.018	0.011	0.006	0.006	0.006	0.008	0.006
02:00 AM - 03:00 AM	0.016	0.010	0.004	0.006	0.006	0.007	0.005
03:00 AM - 04:00 AM	0.016	0.009	0.003	0.006	0.006	0.007	0.005
04:00 AM - 05:00 AM	0.014	0.009	0.004	0.005	0.005	0.008	0.005
05:00 AM - 06:00 AM	0.014	0.009	0.003	0.005	0.008	0.008	0.006
06:00 AM - 07:00 AM	0.014	0.010	0.004	0.005	0.008	0.008	0.006
07:00 AM - 08:00 AM	0.014	0.012	0.005	0.006	0.009	0.008	0.010
08:00 AM - 09:00 AM	0.014	0.010	0.004	0.007	0.004	0.007	0.005
09:00 AM - 10:00 AM	0.011	0.010	0.004	0.008	0.004	0.007	0.004
10:00 AM - 11:00 AM	0.006	0.008	0.007	0.009	0.004	0.011	0.005
Average	0.014	0.010	0.006	0.006	0.008	0.009	0.008
1hr - Maximum	0.029	0.019	0.012	0.011	0.020	0.020	0.017
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).

Reference Method : US EPA Method Part 50 App. F (Chemiluminescence)

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Approved by

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)





## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2240022**

Date Received : May 13, 2022  
Date Reported : May 20, 2022  
Report Number : 2319409-1C9

Page 1 of 1

<b>Sample Description</b>	Air Quality						
<b>Location</b>	โรงเรียนเจ้าฟ้าสร้าง (GPS 47P 0670135, 1575164)						
<b>Parameter</b>	Nitrogen dioxide (ppm)						
<b>Measurement Date</b>	May 05, 2022 - May 12, 2022						
<b>Measurement by</b>	Teeravut Sukdee						
	2240022-8	2240022-9	2240022-10	2240022-11	2240022-12	2240022-13	2240022-14
Time	May 05, 2022	May 06, 2022	May 07, 2022	May 08, 2022	May 09, 2022	May 10, 2022	May 11, 2022
12:00 PM - 01:00 PM	0.003	0.004	0.004	0.002	0.002	0.006	0.004
01:00 PM - 02:00 PM	0.013	0.004	0.007	0.007	0.002	0.007	0.006
02:00 PM - 03:00 PM	0.017	0.004	0.010	0.010	0.005	0.007	0.012
03:00 PM - 04:00 PM	0.010	0.008	0.013	0.013	0.006	0.020	0.018
04:00 PM - 05:00 PM	0.012	0.011	0.020	0.015	0.015	0.022	0.014
05:00 PM - 06:00 PM	0.010	0.014	0.016	0.011	0.015	0.024	0.013
06:00 PM - 07:00 PM	0.012	0.020	0.018	0.012	0.017	0.022	0.013
07:00 PM - 08:00 PM	0.010	0.022	0.019	0.013	0.019	0.021	0.013
08:00 PM - 09:00 PM	0.009	0.017	0.020	0.013	0.013	0.019	0.014
09:00 PM - 10:00 PM	0.011	0.013	0.020	0.015	0.011	0.018	0.014
10:00 PM - 11:00 PM	0.015	0.012	0.016	0.017	0.010	0.017	0.011
11:00 PM - 12:00 AM	0.020	0.016	0.013	0.016	0.013	0.016	0.011
12:00 AM - 01:00 AM	0.020	0.015	0.013	0.017	0.009	0.016	0.012
01:00 AM - 02:00 AM	0.026	0.014	0.007	0.015	0.009	0.015	0.011
02:00 AM - 03:00 AM	0.023	0.016	0.005	0.010	0.016	0.012	0.015
03:00 AM - 04:00 AM	0.026	0.018	0.006	0.012	0.016	0.012	0.013
04:00 AM - 05:00 AM	0.030	0.017	0.008	0.011	0.013	0.010	0.010
05:00 AM - 06:00 AM	0.029	0.019	0.008	0.012	0.005	0.009	0.010
06:00 AM - 07:00 AM	0.024	0.018	0.008	0.014	0.004	0.009	0.009
07:00 AM - 08:00 AM	0.009	0.013	0.008	0.015	0.003	0.012	0.009
08:00 AM - 09:00 AM	0.005	0.012	0.009	0.014	0.004	0.010	0.007
09:00 AM - 10:00 AM	0.006	0.006	0.010	0.008	0.005	0.008	0.008
10:00 AM - 11:00 AM	0.005	0.004	0.006	0.003	0.008	0.009	0.008
11:00 AM - 12:00 PM	0.004	0.007	0.002	0.001	0.010	0.005	0.008
Average	0.014	0.013	0.011	0.011	0.010	0.013	0.011
1hr - Maximum	0.030	0.022	0.020	0.017	0.019	0.024	0.018
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).

Reference Method : US EPA Method Part 50 App. F (Chemiluminescence)

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Approved by

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)





## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2240022**

Date Received : May 13, 2022  
Date Reported : Jul 01, 2022  
Report Number : 2319411-1C9 Rev. No.1

Page 1 of 1

<b>Sample Description</b>	Air Quality						
<b>Location</b>	หมู่ที่ 3 ตำบลบ้านเลน (GPS 47P 0674900, 1574351)						
<b>Parameter</b>	Nitrogen dioxide (ppm)						
<b>Measurement Date</b>	May 05, 2022 - May 12, 2022						
<b>Measurement by</b>	Teeravut Sukdee						
	2240022-15	2240022-16	2240022-17	2240022-18	2240022-19	2240022-20	2240022-21
Time	May 05, 2022	May 06, 2022	May 07, 2022	May 08, 2022	May 09, 2022	May 10, 2022	May 11, 2022
01:00 PM - 02:00 PM	0.011	0.016	0.008	0.012	0.012	0.010	0.008
02:00 PM - 03:00 PM	0.008	0.012	0.009	0.014	0.008	0.008	0.008
03:00 PM - 04:00 PM	0.007	0.007	0.012	0.011	0.009	0.007	0.010
04:00 PM - 05:00 PM	0.006	0.011	0.010	0.013	0.009	0.006	0.008
05:00 PM - 06:00 PM	0.005	0.012	0.009	0.010	0.010	0.007	0.007
06:00 PM - 07:00 PM	0.009	0.018	0.009	0.013	0.010	0.007	0.007
07:00 PM - 08:00 PM	0.010	0.015	0.008	0.015	0.009	0.009	0.006
08:00 PM - 09:00 PM	0.013	0.011	0.008	0.013	0.012	0.008	0.008
09:00 PM - 10:00 PM	0.013	0.009	0.006	0.012	0.013	0.006	0.008
10:00 PM - 11:00 PM	0.011	0.008	0.008	0.010	0.010	0.007	0.007
11:00 PM - 12:00 AM	0.009	0.009	0.015	0.012	0.010	0.006	0.007
12:00 AM - 01:00 AM	0.012	0.012	0.010	0.011	0.009	0.007	0.007
01:00 AM - 02:00 AM	0.011	0.010	0.010	0.010	0.010	0.011	0.006
02:00 AM - 03:00 AM	0.011	0.010	0.009	0.008	0.011	0.014	0.007
03:00 AM - 04:00 AM	0.010	0.009	0.009	0.010	0.011	0.013	0.007
04:00 AM - 05:00 AM	0.009	0.007	0.007	0.007	0.011	0.011	0.008
05:00 AM - 06:00 AM	0.011	0.010	0.009	0.007	0.009	0.010	0.010
06:00 AM - 07:00 AM	0.009	0.011	0.007	0.009	0.009	0.009	0.016
07:00 AM - 08:00 AM	0.006	0.011	0.007	0.011	0.008	0.008	0.014
08:00 AM - 09:00 AM	0.009	0.011	0.009	0.011	0.009	0.008	0.013
09:00 AM - 10:00 AM	0.009	0.011	0.008	0.014	0.007	0.006	0.010
10:00 AM - 11:00 AM	0.009	0.009	0.009	0.016	0.008	0.006	0.007
11:00 AM - 12:00 PM	0.009	0.009	0.008	0.011	0.008	0.007	0.006
12:00 PM - 01:00 PM	0.009	0.010	0.011	0.011	0.009	0.007	0.006
Average	0.009	0.011	0.009	0.011	0.010	0.008	0.008
1hr - Maximum	0.013	0.018	0.015	0.016	0.013	0.014	0.016
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).  
Reference Method : US EPA Method Part 50 App. F (Chemiluminescence)

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Approved by

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)





## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2240022**

Date Received : May 13, 2022  
Date Reported : May 20, 2022  
Report Number : 2319414-1C9

Page 1 of 1

<b>Sample Description</b>	Air Quality						
<b>Location</b>	หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672741, 1578180)						
<b>Parameter</b>	Nitrogen dioxide (ppm)						
<b>Measurement Date</b>	May 05, 2022 - May 12, 2022						
<b>Measurement by</b>	Teeravut Sukdee						
	2240022-22	2240022-23	2240022-24	2240022-25	2240022-26	2240022-27	2240022-28
Time	May 05, 2022	May 06, 2022	May 07, 2022	May 08, 2022	May 09, 2022	May 10, 2022	May 11, 2022
10:00 AM - 11:00 AM	0.008	0.009	0.020	0.019	0.015	0.020	0.013
11:00 AM - 12:00 PM	0.008	0.015	0.019	0.019	0.023	0.018	0.013
12:00 PM - 01:00 PM	0.006	0.019	0.018	0.017	0.018	0.017	0.014
01:00 PM - 02:00 PM	0.005	0.018	0.021	0.017	0.020	0.016	0.014
02:00 PM - 03:00 PM	0.005	0.020	0.022	0.015	0.031	0.016	0.014
03:00 PM - 04:00 PM	0.007	0.016	0.019	0.015	0.019	0.015	0.014
04:00 PM - 05:00 PM	0.014	0.015	0.018	0.017	0.016	0.014	0.014
05:00 PM - 06:00 PM	0.025	0.016	0.016	0.017	0.015	0.014	0.015
06:00 PM - 07:00 PM	0.030	0.017	0.015	0.015	0.012	0.013	0.016
07:00 PM - 08:00 PM	0.032	0.016	0.010	0.017	0.014	0.009	0.010
08:00 PM - 09:00 PM	0.032	0.016	0.007	0.012	0.013	0.008	0.005
09:00 PM - 10:00 PM	0.030	0.014	0.008	0.012	0.011	0.009	0.006
10:00 PM - 11:00 PM	0.026	0.015	0.008	0.014	0.016	0.012	0.006
11:00 PM - 12:00 AM	0.027	0.015	0.011	0.012	0.011	0.009	0.007
12:00 AM - 01:00 AM	0.024	0.017	0.011	0.016	0.011	0.009	0.008
01:00 AM - 02:00 AM	0.021	0.016	0.008	0.014	0.005	0.011	0.010
02:00 AM - 03:00 AM	0.022	0.015	0.008	0.014	0.004	0.007	0.008
03:00 AM - 04:00 AM	0.003	0.010	0.011	0.012	0.004	0.005	0.007
04:00 AM - 05:00 AM	0.006	0.007	0.008	0.010	0.004	0.007	0.008
05:00 AM - 06:00 AM	0.006	0.006	0.006	0.004	0.006	0.017	0.006
06:00 AM - 07:00 AM	0.006	0.008	0.004	0.003	0.003	0.019	0.007
07:00 AM - 08:00 AM	0.005	0.005	0.005	0.003	0.029	0.028	0.007
08:00 AM - 09:00 AM	0.005	0.006	0.007	0.004	0.025	0.028	0.005
09:00 AM - 10:00 AM	0.006	0.012	0.015	0.007	0.022	0.016	0.006
Average	0.015	0.013	0.012	0.013	0.014	0.014	0.010
1hr - Maximum	0.032	0.020	0.022	0.019	0.031	0.028	0.016
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).  
Reference Method : US EPAMethod Part 50 App. F (Chemiluminescence)

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Approved by

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)





## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2240023**

Date Received : May 13, 2022  
Date Reported : May 20, 2022  
Report Number : 2274088-1C9

Page 1 of 1

**Sample Description** Air Quality  
**Location** รพ.สต.บ้านหว้า (GPS 47P 0673095, 1578457)  
**Parameter** Sulfur Dioxide (ppm)  
**Measurement Date** May 05, 2022 - May 12, 2022  
**Measurement by** Teeravut Sukdee

Time	2240023-1 May 05, 2022	2240023-2 May 06, 2022	2240023-3 May 07, 2022	2240023-4 May 08, 2022	2240023-5 May 09, 2022	2240023-6 May 10, 2022	2240023-7 May 11, 2022
11:00 AM - 12:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12:00 PM - 01:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
01:00 PM - 02:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
02:00 PM - 03:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
03:00 PM - 04:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04:00 PM - 05:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
05:00 PM - 06:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
06:00 PM - 07:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
07:00 PM - 08:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08:00 PM - 09:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
09:00 PM - 10:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10:00 PM - 11:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11:00 PM - 12:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12:00 AM - 01:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
01:00 AM - 02:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
02:00 AM - 03:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
03:00 AM - 04:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04:00 AM - 05:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
05:00 AM - 06:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
06:00 AM - 07:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
07:00 AM - 08:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08:00 AM - 09:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
09:00 AM - 10:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
10:00 AM - 11:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
Average	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1hr - Maximum	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

**Standard :** Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).  
**Reference Method :** US EPA Method Part 53 and 58

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Saranya Chalermthamrong  
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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2240023**

Date Received : May 13, 2022  
Date Reported : May 20, 2022  
Report Number : 2319418-1C9

Page 1 of 1

**Sample Description** Air Quality  
**Location** โรงเรียนเจ้าฟ้าสร้าง (GPS 47P 0670135, 1575164)  
**Parameter** Sulfur Dioxide (ppm)  
**Measurement Date** May 05, 2022 - May 12, 2022  
**Measurement by** Teeravut Sukdee

	2240023-8	2240023-9	2240023-10	2240023-11	2240023-12	2240023-13	2240023-14
Time	May 05, 2022	May 06, 2022	May 07, 2022	May 08, 2022	May 09, 2022	May 10, 2022	May 11, 2022
12:00 PM - 01:00 PM	0.003	0.002	0.002	0.002	0.003	0.003	0.002
01:00 PM - 02:00 PM	0.003	0.002	0.002	0.002	0.002	0.002	0.002
02:00 PM - 03:00 PM	0.003	0.002	0.002	0.002	0.003	0.002	0.002
03:00 PM - 04:00 PM	0.003	0.002	0.002	0.002	0.003	0.002	0.002
04:00 PM - 05:00 PM	0.002	0.002	0.002	0.002	0.003	0.003	0.002
05:00 PM - 06:00 PM	0.002	0.002	0.002	0.002	0.003	0.003	0.002
06:00 PM - 07:00 PM	0.003	0.002	0.002	0.003	0.003	0.003	0.003
07:00 PM - 08:00 PM	0.003	0.002	0.002	0.003	0.003	0.003	0.002
08:00 PM - 09:00 PM	0.002	0.003	0.003	0.003	0.003	0.002	0.002
09:00 PM - 10:00 PM	0.002	0.003	0.002	0.003	0.003	0.002	0.002
10:00 PM - 11:00 PM	0.002	0.002	0.003	0.002	0.003	0.003	0.002
11:00 PM - 12:00 AM	0.002	0.002	0.003	0.002	0.003	0.003	0.002
12:00 AM - 01:00 AM	0.002	0.002	0.002	0.002	0.003	0.003	0.002
01:00 AM - 02:00 AM	0.002	0.002	0.003	0.003	0.003	0.002	0.002
02:00 AM - 03:00 AM	0.002	0.002	0.002	0.003	0.003	0.002	0.002
03:00 AM - 04:00 AM	0.002	0.003	0.003	0.002	0.003	0.002	0.002
04:00 AM - 05:00 AM	0.002	0.002	0.002	0.002	0.003	0.002	0.002
05:00 AM - 06:00 AM	0.002	0.002	0.002	0.002	0.003	0.002	0.002
06:00 AM - 07:00 AM	0.002	0.002	0.002	0.002	0.003	0.002	0.002
07:00 AM - 08:00 AM	0.002	0.002	0.002	0.002	0.003	0.002	0.002
08:00 AM - 09:00 AM	0.003	0.002	0.002	0.002	0.003	0.003	0.003
09:00 AM - 10:00 AM	0.002	0.003	0.002	0.002	0.003	0.003	0.002
10:00 AM - 11:00 AM	0.002	0.002	0.002	0.002	0.003	0.003	0.002
11:00 AM - 12:00 PM	0.002	0.002	0.002	0.002	0.003	0.003	0.002
Average	0.002	0.002	0.002	0.002	0.003	0.002	0.002
1hr - Maximum	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

Standard : Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).  
Reference Method : US EPA Method Part 53 and 58

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)





## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2240023**  
Date Received : May 13, 2022  
Date Reported : Jul 01, 2022  
Report Number : 2319422-1C9 Rev. No.1

Page 1 of 1

<b>Sample Description</b>	Air Quality						
<b>Location</b>	หมู่ที่ 3 ตำบลบ้านเลน (GPS 47P 0674900, 1574351)						
<b>Parameter</b>	Sulfur Dioxide (ppm)						
<b>Measurement Date</b>	May 05, 2022 - May 12, 2022						
<b>Measurement by</b>	Teeravut Sukdee						
	2240023-15 May 05, 2022	2240023-16 May 06, 2022	2240023-17 May 07, 2022	2240023-18 May 08, 2022	2240023-19 May 09, 2022	2240023-20 May 10, 2022	2240023-21 May 11, 2022
Time							
01:00 PM - 02:00 PM	0.002	0.001	0.002	0.002	0.002	0.002	0.002
02:00 PM - 03:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
03:00 PM - 04:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
04:00 PM - 05:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
05:00 PM - 06:00 PM	0.003	0.002	0.002	0.002	0.002	0.002	0.002
06:00 PM - 07:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
07:00 PM - 08:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
08:00 PM - 09:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
09:00 PM - 10:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
10:00 PM - 11:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
11:00 PM - 12:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
12:00 AM - 01:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
01:00 AM - 02:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
02:00 AM - 03:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
03:00 AM - 04:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
04:00 AM - 05:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
05:00 AM - 06:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
06:00 AM - 07:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
07:00 AM - 08:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
08:00 AM - 09:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
09:00 AM - 10:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
10:00 AM - 11:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
11:00 AM - 12:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
12:00 PM - 01:00 PM	0.001	0.002	0.002	0.002	0.002	0.002	0.002
Average	0.002	0.002	0.002	0.002	0.002	0.002	0.002
1hr - Maximum	0.003	0.002	0.002	0.002	0.002	0.002	0.002
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

**Standard :** Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).

**Reference Method :** US EPA Method Part 53 and 58

**Note :** This Analysis test report is reissued to supersede report No. 2319422-1 Reported : May 20, 2022 due to revise sample information

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Approved by

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)





## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2240023**

Date Received : May 13, 2022  
Date Reported : May 20, 2022  
Report Number : 2319425-1C9

Page 1 of 1

<b>Sample Description</b>	Air Quality						
<b>Location</b>	หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672741, 1578180)						
<b>Parameter</b>	Sulfur Dioxide (ppm)						
<b>Measurement Date</b>	May 05, 2022 - May 12, 2022						
<b>Measurement by</b>	Teeravut Sukdee						
	2240023-22 May 05, 2022	2240023-23 May 06, 2022	2240023-24 May 07, 2022	2240023-25 May 08, 2022	2240023-26 May 09, 2022	2240023-27 May 10, 2022	2240023-28 May 11, 2022
Time							
10:00 AM - 11:00 AM	0.001	0.001	<0.001	0.001	<0.001	<0.001	<0.001
11:00 AM - 12:00 PM	0.001	0.001	<0.001	0.001	<0.001	<0.001	<0.001
12:00 PM - 01:00 PM	0.001	0.001	<0.001	0.001	<0.001	<0.001	<0.001
01:00 PM - 02:00 PM	0.001	0.001	<0.001	0.001	<0.001	<0.001	<0.001
02:00 PM - 03:00 PM	0.001	0.001	<0.001	0.001	<0.001	<0.001	<0.001
03:00 PM - 04:00 PM	0.001	0.001	<0.001	0.001	<0.001	<0.001	<0.001
04:00 PM - 05:00 PM	0.002	0.001	<0.001	<0.001	0.001	<0.001	<0.001
05:00 PM - 06:00 PM	0.002	0.001	<0.001	<0.001	0.001	<0.001	<0.001
06:00 PM - 07:00 PM	0.002	0.001	<0.001	<0.001	0.001	<0.001	<0.001
07:00 PM - 08:00 PM	0.002	0.001	<0.001	<0.001	0.001	<0.001	<0.001
08:00 PM - 09:00 PM	0.002	0.001	<0.001	<0.001	0.001	<0.001	<0.001
09:00 PM - 10:00 PM	0.002	0.001	<0.001	<0.001	0.001	<0.001	<0.001
10:00 PM - 11:00 PM	0.002	0.001	0.001	<0.001	<0.001	<0.001	<0.001
11:00 PM - 12:00 AM	0.002	0.001	0.001	<0.001	<0.001	<0.001	<0.001
12:00 AM - 01:00 AM	0.002	0.001	0.001	<0.001	<0.001	<0.001	<0.001
01:00 AM - 02:00 AM	0.002	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
02:00 AM - 03:00 AM	0.002	0.001	<0.001	0.001	<0.001	<0.001	<0.001
03:00 AM - 04:00 AM	0.002	0.001	0.001	0.001	<0.001	<0.001	<0.001
04:00 AM - 05:00 AM	0.002	0.001	<0.001	0.001	<0.001	<0.001	<0.001
05:00 AM - 06:00 AM	0.002	0.001	<0.001	0.001	<0.001	<0.001	<0.001
06:00 AM - 07:00 AM	0.002	0.001	<0.001	0.001	<0.001	<0.001	<0.001
07:00 AM - 08:00 AM	0.002	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08:00 AM - 09:00 AM	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
09:00 AM - 10:00 AM	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Average	0.002	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1hr - Maximum	0.002	0.001	0.001	0.001	0.001	<0.001	<0.001
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

Standard : Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).  
Reference Method : US EPA Method Part 53 and 58

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Approved by

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160

P/O :

Project Name : Monitoring EIA

Project Location : GBP

Lot ID : 2240024

Date Received : May 13, 2022

Date Reported : Jun 23, 2022

Report Number : 2274092-1 C9 Rev. No.1

Page 1 of 2

Sample Number 2240024-1 to 7  
Parameter Wind Speed / Wind Direction  
Location รพ.สต.บ้านหว้า (GPS 47P 0673095, 1578457)  
Sampling Date May 05 - May 12, 2022  
Sampling by Teeravut Sukdee

Time	May 05 - May 06, 2022			May 06 - May 07, 2022			May 07 - May 08, 2022			May 08 - May 09, 2022			May 09 - May 10, 2022			May 10 - May 11, 2022			May 11 - May 12, 2022		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
11:00 AM - 12:00 PM	0.2	-	-	2.4	116.0	ESE	1.1	131.0	SE	0.7	354.0	N	0.9	125.0	SE	0.7	302.0	WNW	0.9	215.0	SW
12:00 PM - 01:00 PM	0.4	187.0	S	1.0	40.0	NE	2.5	106.0	ESE	2.0	160.0	SSE	1.2	110.0	ESE	0.0	-	-	1.2	220.0	SW
01:00 PM - 02:00 PM	0.0	-	-	0.9	88.0	E	1.9	33.0	NNE	1.3	117.0	ESE	0.4	106.0	ESE	0.0	-	-	1.9	194.0	SSW
02:00 PM - 03:00 PM	0.2	-	-	0.6	222.0	SW	3.0	107.0	ESE	2.0	149.0	SSE	1.0	102.0	ESE	1.3	271.0	W	2.3	211.0	SSW
03:00 PM - 04:00 PM	1.9	64.0	ENE	0.0	-	-	1.3	136.0	SE	1.5	349.0	N	1.7	120.0	ESE	2.1	253.0	WSW	1.7	215.0	SW
04:00 PM - 05:00 PM	1.8	83.0	E	0.0	-	-	0.0	-	-	0.0	-	-	1.6	238.0	WSW	0.2	-	-	1.5	139.0	SE
05:00 PM - 06:00 PM	0.1	-	-	0.0	-	-	0.0	-	-	0.0	-	-	2.0	239.0	WSW	0.6	73.0	ENE	0.1	-	-
06:00 PM - 07:00 PM	1.1	68.0	ENE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
07:00 PM - 08:00 PM	1.5	143.0	SE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.1	97.0	E	1.1	168.0	SSE
08:00 PM - 09:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.5	146.0	SE	0.7	200.0	SSW
09:00 PM - 10:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.7	209.0	SSW
10:00 PM - 11:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.4	203.0	SSW
11:00 PM - 12:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
12:00 AM - 01:00 AM	0.4	26.0	NNE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.2	-	-
01:00 AM - 02:00 AM	0.6	26.0	NNE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
02:00 AM - 03:00 AM	0.7	25.0	NNE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.4	133.0	SE	0.2	-	-
03:00 AM - 04:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.2	-	-	0.9	185.0	S
04:00 AM - 05:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
05:00 AM - 06:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.7	0.0	N	0.2	-	-	0.0	-	-
06:00 AM - 07:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.6	102.0	ESE	0.3	124.0	SE	2.0	214.0	SW
07:00 AM - 08:00 AM	0.0	-	-	0.6	356.0	N	0.6	10.0	N	0.0	-	-	0.5	175.0	S	0.9	115.0	ESE	0.5	229.0	SW
08:00 AM - 09:00 AM	0.0	-	-	0.4	15.0	NNE	0.8	0.0	N	0.0	-	-	0.2	-	-	1.8	225.0	SW	0.9	230.0	SW
09:00 AM - 10:00 AM	0.0	-	-	0.3	50.0	NE	0.4	54.0	NE	0.0	-	-	0.9	149.0	SSE	1.2	154.0	SSE	0.4	232.0	SW
10:00 AM - 11:00 AM	0.0	-	-	0.4	54.0	NE	0.3	347.0	NNW	0.6	354.0	N	1.6	247.0	WSW	2.1	190.0	S	0.4	238.0	WSW

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O :  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID : 2240024  
Date Received : May 13, 2022  
Date Reported : Jun 23, 2022  
Report Number : 2274092-1 C9 Rev. No.1

Page 2 of 2

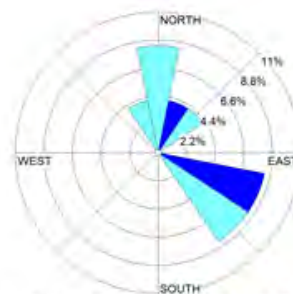
### Wind Rose



Date : May 05-06, 2022



Date : May 06-07, 2022



Date : May 07-08, 2022



Date : May 08-09, 2022



Date : May 09-10, 2022



Date : May 10-11, 2022



Date : May 11-12, 2022



Date : May 05-12, 2022

WS(m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	0.00
1.7-3.3	10.12
0.3-1.7	32.14
Calms	57.74

Note : This Analysis test report is reissued to supersede report No. 2274092-1, Date Reported : May 20, 2022 due to revise sample information.

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Approved by

Sarayuth Jitranont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160

P/O :

Project Name : Monitoring EIA

Project Location : GBP

Lot ID : 2240024

Date Received : May 13, 2022

Date Reported : Jun 23, 2022

Report Number : 2274092-1 C9 Rev. No.1

Page 1 of 2

Sample Number 2240024-8 to 14  
Parameter Wind Speed / Wind Direction  
Location โรงเรียนเจ้าฟ้าสร้าง (GPS 47P 0670135, 1575164)  
Sampling Date May 05 - May 12, 2022  
Sampling by Teeravut Sukdee

Time	May 05 - May 06, 2022			May 06 - May 07, 2022			May 07 - May 08, 2022			May 08 - May 09, 2022			May 09 - May 10, 2022			May 10 - May 11, 2022			May 11 - May 12, 2022		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
12:00 PM - 01:00 PM	0.6	136.0	SE	0.9	19.0	NNE	1.8	149.0	SSE	0.0	-	-	0.2	-	-	0.7	98.0	E	0.0	-	-
01:00 PM - 02:00 PM	0.7	138.0	SE	1.8	121.0	ESE	1.3	151.0	SSE	0.2	-	-	0.6	276.0	W	0.9	101.0	E	0.7	148.0	SSE
02:00 PM - 03:00 PM	1.4	141.0	SE	1.5	137.0	SE	0.0	-	-	1.1	358.0	N	0.4	358.0	N	0.5	101.0	E	0.4	165.0	SSE
03:00 PM - 04:00 PM	2.3	135.0	SE	0.0	-	-	0.0	-	-	0.6	6.0	N	0.0	-	-	0.4	101.0	E	0.4	165.0	SSE
04:00 PM - 05:00 PM	0.4	143.0	SE	0.0	-	-	0.0	-	-	0.9	353.0	N	0.0	-	-	0.5	101.0	E	0.0	-	-
05:00 PM - 06:00 PM	0.7	141.0	SE	1.2	134.0	SE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
06:00 PM - 07:00 PM	0.5	141.0	SE	0.7	133.0	SE	0.0	-	-	0.4	2.0	N	0.0	-	-	0.5	101.0	E	0.0	-	-
07:00 PM - 08:00 PM	0.6	140.0	SE	0.7	132.0	SE	0.0	-	-	0.0	-	-	0.2	-	-	0.5	101.0	E	0.4	279.0	W
08:00 PM - 09:00 PM	0.0	-	-	0.7	131.0	SE	0.0	-	-	0.0	-	-	1.6	128.0	SE	0.9	99.0	E	0.8	158.0	SSE
09:00 PM - 10:00 PM	0.6	140.0	SE	0.6	132.0	SE	0.0	-	-	0.2	-	-	0.0	-	-	1.4	97.0	E	1.1	130.0	SE
10:00 PM - 11:00 PM	0.3	140.0	SE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.0	103.0	ESE	0.8	117.0	ESE
11:00 PM - 12:00 AM	0.0	-	-	0.7	131.0	SE	0.0	-	-	0.4	6.0	N	0.0	-	-	2.2	95.0	E	0.7	173.0	S
12:00 AM - 01:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.2	108.0	ESE	0.4	262.0	W
01:00 AM - 02:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	1.2	9.0	N	0.0	-	-	0.1	-	-	0.0	-	-
02:00 AM - 03:00 AM	0.0	-	-	0.2	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.4	166.0	SSE	0.0	-	-
03:00 AM - 04:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.4	359.0	N	0.3	127.0	SE	0.0	-	-
04:00 AM - 05:00 AM	0.0	-	-	0.3	2.0	N	0.0	-	-	0.0	-	-	0.8	314.0	NW	0.6	247.0	WSW	0.0	-	-
05:00 AM - 06:00 AM	0.8	359.0	N	0.7	15.0	NNE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
06:00 AM - 07:00 AM	0.1	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.3	148.0	SSE	0.5	145.0	SE	0.0	-	-
07:00 AM - 08:00 AM	1.1	125.0	SE	0.2	-	-	0.9	2.0	N	0.0	-	-	0.2	-	-	0.7	151.0	SSE	0.0	-	-
08:00 AM - 09:00 AM	2.3	130.0	SE	2.6	15.0	NNE	0.7	349.0	N	0.2	-	-	0.0	-	-	0.5	123.0	ESE	0.0	-	-
09:00 AM - 10:00 AM	0.4	103.0	ESE	1.0	144.0	SE	0.8	135.0	SE	2.4	135.0	SE	1.0	105.0	ESE	1.1	106.0	ESE	0.0	-	-
10:00 AM - 11:00 AM	1.4	130.0	SE	1.8	142.0	SE	1.4	146.0	SE	1.5	118.0	ESE	0.0	-	-	0.3	105.0	ESE	0.0	-	-
11:00 AM - 12:00 PM	0.7	122.0	ESE	2.0	95.0	E	2.3	142.0	SE	2.0	148.0	SSE	0.6	104.0	ESE	0.0	-	-	0.0	-	-

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O :  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID : 2240024  
Date Received : May 13, 2022  
Date Reported : Jun 23, 2022  
Report Number : 2274092-1 C9 Rev. No.1

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### Wind Rose



Date : May 05-06, 2022



Date : May 06-07, 2022



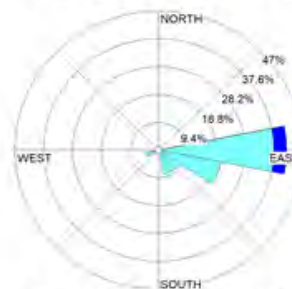
Date : May 07-08, 2022



Date : May 08-09, 2022



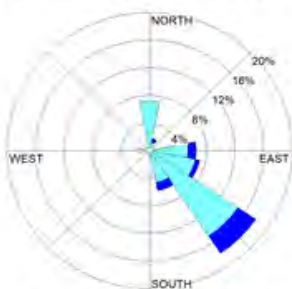
Date : May 09-10, 2022



Date : May 10-11, 2022



Date : May 11-12, 2022



Date : May 05-12, 2022

WS(m/s)		%
≥ 10.0		0.00
8.0-10.0		0.00
5.5-8.0		0.00
3.3-5.5		0.00
1.7-3.3		6.55
0.3-1.7		43.45
Calms		50.00

Note : This Analysis test report is reissued to supersede report No. 2274092-1, Date Reported : May 20, 2022 due to revise sample information.

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jitranont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160

P/O :

Project Name : Monitoring EIA

Project Location : GBP

Lot ID : 2240024

Date Received : May 13, 2022

Date Reported : Jun 23, 2022

Report Number : 2274092-1 C9 Rev. No.1

Page 1 of 2

Sample Number 2240024-15 to 21  
Parameter Wind Speed / Wind Direction  
Location หมู่ที่ 3 ตำบลบ้านเลน (GPS 47P 0674900, 1574351)  
Sampling Date May 05 - May 12, 2022  
Sampling by Teeravut Sukdee

Time	May 05 - May 06, 2022			May 06 - May 07, 2022			May 07 - May 08, 2022			May 08 - May 09, 2022			May 09 - May 10, 2022			May 10 - May 11, 2022			May 11 - May 12, 2022		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
01:00 PM - 02:00 PM	1.2	171.0	S	0.0	-	-	2.1	66.0	ENE	2.6	134.0	SE	1.0	102.0	ESE	0.7	226.0	SW	2.1	252.0	WSW
02:00 PM - 03:00 PM	1.3	172.0	S	0.7	15.0	NNE	1.0	108.0	ESE	3.8	2.0	N	1.3	168.0	SSE	1.0	221.0	SW	1.2	247.0	WSW
03:00 PM - 04:00 PM	1.3	172.0	S	0.0	-	-	0.9	145.0	SE	1.5	5.0	N	2.5	183.0	S	1.3	234.0	SW	1.4	194.0	SSW
04:00 PM - 05:00 PM	1.4	112.0	ESE	0.5	112.0	ESE	0.9	166.0	SSE	1.0	359.0	N	0.9	197.0	SSW	0.5	193.0	SSW	1.3	193.0	SSW
05:00 PM - 06:00 PM	1.3	143.0	SE	2.9	171.0	S	0.8	33.0	NNE	1.4	249.0	WSW	0.0	-	-	0.5	160.0	SSE	1.4	165.0	SSE
06:00 PM - 07:00 PM	0.9	139.0	SE	0.0	-	-	0.6	33.0	NNE	0.0	-	-	0.0	-	-	0.0	-	-	0.1	-	-
07:00 PM - 08:00 PM	0.6	137.0	SE	0.5	26.0	NNE	0.4	33.0	NNE	0.0	-	-	0.4	149.0	SSE	0.9	78.0	ENE	0.3	158.0	SSE
08:00 PM - 09:00 PM	0.0	-	-	0.0	-	-	0.4	33.0	NNE	0.0	-	-	0.4	22.0	NNE	0.1	-	-	0.8	185.0	S
09:00 PM - 10:00 PM	0.0	-	-	0.0	-	-	0.4	33.0	NNE	0.0	-	-	2.3	3.0	N	0.0	-	-	0.6	196.0	SSW
10:00 PM - 11:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.1	-	-
11:00 PM - 12:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.4	197.0	SSW
12:00 AM - 01:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.4	179.0	S	0.6	196.0	SSW
01:00 AM - 02:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.6	172.0	S	0.0	-	-
02:00 AM - 03:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.6	209.0	SSW	0.6	173.0	S	0.0	-	-
03:00 AM - 04:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.4	209.0	SSW	0.9	104.0	ESE	0.0	-	-
04:00 AM - 05:00 AM	0.4	139.0	SE	0.0	-	-	0.0	-	-	0.4	72.0	ENE	0.4	209.0	SSW	0.9	130.0	SE	0.1	-	-
05:00 AM - 06:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.4	72.0	ENE	0.3	56.0	NE	1.0	156.0	SSE	0.0	-	-
06:00 AM - 07:00 AM	0.0	-	-	0.4	31.0	NNE	0.0	-	-	0.6	72.0	ENE	0.0	-	-	0.0	-	-	0.5	198.0	SSW
07:00 AM - 08:00 AM	0.0	-	-	0.0	-	-	0.4	14.0	NNE	0.7	359.0	N	0.0	-	-	0.0	-	-	2.1	236.0	SW
08:00 AM - 09:00 AM	0.6	55.0	NE	0.0	-	-	0.3	331.0	NNW	0.8	8.0	N	0.0	-	-	1.6	159.0	SSE	1.8	208.0	SSW
09:00 AM - 10:00 AM	1.7	53.0	NE	2.1	46.0	NE	0.4	21.0	NNE	0.4	5.0	N	1.1	151.0	SSE	1.1	191.0	S	1.2	272.0	W
10:00 AM - 11:00 AM	1.6	40.0	NE	1.8	4.0	N	0.0	-	-	0.4	65.0	ENE	1.3	40.0	NE	1.1	214.0	SW	1.1	284.0	WNW
11:00 AM - 12:00 PM	0.5	7.0	N	1.2	131.0	SE	0.0	-	-	0.9	124.0	SE	3.7	210.0	SSW	1.0	142.0	SE	0.9	282.0	WNW
12:00 PM - 01:00 PM	1.0	74.0	ENE	2.3	322.0	NW	0.0	-	-	0.7	140.0	SE	0.9	211.0	SSW	1.2	110.0	ESE	1.0	280.0	W

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160

P/O :

Project Name : Monitoring EIA

Project Location : GBP

Lot ID : 2240024

Date Received : May 13, 2022

Date Reported : Jun 23, 2022

Report Number : 2274092-1 C9 Rev. No.1

Page 2 of 2

### Wind Rose



Date : May 05-06, 2022



Date : May 06-07, 2022



Date : May 07-08, 2022



Date : May 08-09, 2022



Date : May 09-10, 2022



Date : May 10-11, 2022



Date : May 11-12, 2022



Date : May 05-12, 2022

WS(m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	1.19
1.7-3.3	7.14
0.3-1.7	49.41
Calms	42.26

Note : This Analysis test report is reissued to supersede report No. 2274092-1, Date Reported : May 20, 2022 due to revise sample information.

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory, ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jitranont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160

P/O :

Project Name : Monitoring EIA

Project Location : GBP

Lot ID : 2240024

Date Received : May 13, 2022

Date Reported : Jun 23, 2022

Report Number : 2274092-1 C9 Rev. No.1

Page 1 of 2

Sample Number 2240024-22 to 28  
Parameter Wind Speed / Wind Direction  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672741, 1578180)  
Sampling Date May 05 - May 12, 2022  
Sampling by Teeravut Sukdee

Time	May 05 - May 06, 2022			May 06 - May 07, 2022			May 07 - May 08, 2022			May 08 - May 09, 2022			May 09 - May 10, 2022			May 10 - May 11, 2022			May 11 - May 12, 2022		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
10:00 AM - 11:00 AM	2.0	71.0	ENE	1.4	50.0	NE	1.5	352.0	N	1.1	29.0	NNE	1.2	87.0	E	2.2	178.0	S	1.0	29.0	NNE
11:00 AM - 12:00 PM	1.9	35.0	NE	2.8	140.0	SE	1.2	47.0	NE	3.1	56.0	NE	2.0	107.0	ESE	0.9	226.0	SW	1.1	56.0	NE
12:00 PM - 01:00 PM	1.1	66.0	ENE	3.3	114.0	ESE	1.3	143.0	SE	3.3	86.0	E	2.0	248.0	WSW	0.2	-	-	1.3	86.0	E
01:00 PM - 02:00 PM	2.6	112.0	ESE	4.4	43.0	NE	1.7	97.0	E	1.4	148.0	SSE	0.0	-	-	1.2	108.0	ESE	1.4	148.0	SSE
02:00 PM - 03:00 PM	0.8	80.0	E	8.4	78.0	ENE	3.2	131.0	SE	2.0	106.0	ESE	0.0	-	-	1.9	247.0	WSW	1.9	106.0	ESE
03:00 PM - 04:00 PM	1.3	313.0	NW	5.7	138.0	SE	2.4	34.0	NE	1.7	131.0	SE	0.0	-	-	3.3	169.0	S	1.6	131.0	SE
04:00 PM - 05:00 PM	0.7	68.0	ENE	0.5	171.0	S	0.0	-	-	1.5	273.0	W	1.8	198.0	SSW	2.3	165.0	SSE	1.4	273.0	W
05:00 PM - 06:00 PM	1.4	141.0	SE	0.0	-	-	0.0	-	-	1.3	197.0	SSW	0.2	-	-	2.2	163.0	SSE	0.9	67.0	ENE
06:00 PM - 07:00 PM	2.2	228.0	SW	0.0	-	-	0.3	297.0	WNW	0.0	-	-	1.8	98.0	E	3.3	132.0	SE	0.6	345.0	NNW
07:00 PM - 08:00 PM	2.8	52.0	NE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.7	155.0	SSE	0.0	-	-
08:00 PM - 09:00 PM	0.8	103.0	ESE	0.0	-	-	0.0	-	-	0.0	-	-	0.7	78.0	ENE	0.2	-	-	0.0	-	-
09:00 PM - 10:00 PM	1.4	95.0	E	0.0	-	-	0.0	-	-	0.9	24.0	NNE	1.0	94.0	E	1.8	172.0	S	0.0	-	-
10:00 PM - 11:00 PM	1.2	97.0	E	0.0	-	-	0.0	-	-	0.0	-	-	0.5	92.0	E	1.6	185.0	S	0.9	12.0	NNE
11:00 PM - 12:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.5	195.0	SSW	0.6	13.0	NNE
12:00 AM - 01:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.3	223.0	SW	0.0	-	-
01:00 AM - 02:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
02:00 AM - 03:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.3	116.0	ESE
03:00 AM - 04:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.2	279.0	W
04:00 AM - 05:00 AM	0.7	346.0	NNW	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.0	162.0	SSE
05:00 AM - 06:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.6	161.0	SSE	1.5	160.0	SSE
06:00 AM - 07:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.9	255.0	WSW
07:00 AM - 08:00 AM	0.1	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.2	159.0	SSE	1.6	269.0	W
08:00 AM - 09:00 AM	0.8	316.0	NW	0.0	-	-	0.0	-	-	1.8	110.0	ESE	2.5	116.0	ESE	1.8	196.0	SSW	0.9	270.0	W
09:00 AM - 10:00 AM	0.5	306.0	NW	0.0	-	-	0.8	359.0	N	2.7	103.0	ESE	2.2	120.0	ESE	1.1	201.0	SSW	1.0	272.0	W

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160  
P/O :  
Project Name : Monitoring EIA  
Project Location : GBP

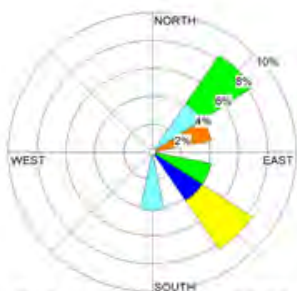
Lot ID : 2240024  
Date Received : May 13, 2022  
Date Reported : Jun 23, 2022  
Report Number : 2274092-1 C9 Rev. No.1

Page 2 of 2

### Wind Rose



Date : May 05-06, 2022



Date : May 06-07, 2022



Date : May 07-08, 2022



Date : May 08-09, 2022



Date : May 09-10, 2022



Date : May 10-11, 2022



Date : May 11-12, 2022



Date : May 05-12, 2022

	WS(m/s)	%
	≥ 10.0	0.00
	8.0-10.0	0.60
	5.5-8.0	0.60
	3.3-5.5	2.97
	1.7-3.3	16.66
	0.3-1.7	31.55
	Calms	47.62

Note : This Analysis test report is reissued to supersede report No. 2274092-1, Date Reported : May 20, 2022 due to revise sample information.

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jitranont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co.,Ltd  
888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2240026  
Date Received : May 13, 2022  
Date Reported : Jun 23, 2022  
Report Number : 2274099-1 C9 Rev. No.1

Page 1 of 1

Sample Number : 2240026-1 to 7  
Parameter : Temperature  
Location : รพ.สต. บ้านหว้า (GPS 47P 0673095, 1578457)  
Sampling Date : May 05 - May 12, 2022  
Sampling by : Teeravut Sukdee

Time	Temperature (°C)						
	May 05 - May 06, 2022	May 06 - May 07, 2022	May 07 - May 08, 2022	May 08 - May 09, 2022	May 09 - May 10, 2022	May 10 - May 11, 2022	May 11 - May 12, 2022
11:00 AM - 12:00 PM	31.0	30.3	30.9	30.3	29.1	25.4	32.2
12:00 PM - 01:00 PM	31.2	31.0	31.4	30.9	30.3	25.8	29.7
01:00 PM - 02:00 PM	32.0	32.0	32.2	32.4	30.9	27.7	32.1
02:00 PM - 03:00 PM	31.0	30.0	29.7	32.5	31.4	29.9	32.6
03:00 PM - 04:00 PM	31.0	31.0	31.2	32.1	32.2	28.9	32.9
04:00 PM - 05:00 PM	31.3	31.0	31.6	32.1	32.6	28.7	30.3
05:00 PM - 06:00 PM	32.0	31.7	31.9	32.6	32.1	27.1	28.3
06:00 PM - 07:00 PM	32.1	30.0	30.1	32.9	31.0	26.7	27.7
07:00 PM - 08:00 PM	29.0	29.0	30.0	30.3	30.8	26.7	27.9
08:00 PM - 09:00 PM	28.0	28.3	29.9	28.3	30.3	26.5	27.9
09:00 PM - 10:00 PM	27.9	27.9	28.9	27.7	28.3	26.0	27.8
10:00 PM - 11:00 PM	27.5	27.9	27.0	27.9	27.7	25.9	27.3
11:00 PM - 12:00 AM	27.0	27.8	26.8	27.9	27.9	26.0	26.7
12:00 AM - 01:00 AM	26.3	26.9	26.4	27.8	27.9	26.1	26.9
01:00 AM - 02:00 AM	26.4	26.4	26.3	27.3	27.8	26.1	26.4
02:00 AM - 03:00 AM	26.0	26.3	26.3	27.7	27.3	26.1	26.1
03:00 AM - 04:00 AM	26.1	26.1	26.2	27.6	26.7	26.1	26.3
04:00 AM - 05:00 AM	26.1	26.1	26.1	27.0	26.8	26.0	25.8
05:00 AM - 06:00 AM	26.2	26.3	26.1	27.0	26.9	26.0	26.4
06:00 AM - 07:00 AM	26.2	26.2	27.0	26.1	27.0	27.6	29.2
07:00 AM - 08:00 AM	26.3	26.1	27.0	26.1	27.0	29.1	30.9
08:00 AM - 09:00 AM	27.6	27.6	27.2	26.0	28.0	29.0	31.7
09:00 AM - 10:00 AM	29.0	29.1	27.6	26.0	28.4	29.9	32.0
10:00 AM - 11:00 AM	30.2	30.3	29.1	27.6	29.8	31.4	32.0
Average – 24 hr	28.6	28.6	28.6	28.9	29.1	27.3	29.1
Max – 1 hr	32.1	32.0	32.2	32.9	32.6	31.4	32.9
Min – 1 hr	26.0	26.1	26.1	26.0	26.7	25.4	25.8

Note : This Analysis test report is reissued to supersede report No. 2274099-1 C9, Date Reported : May 19, 2022 due to revise sample information.

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Approved by

Sarayuth Jittranont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co.,Ltd  
888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2240026  
Date Received : May 13, 2022  
Date Reported : Jun 23, 2022  
Report Number : 2274099-1 C9 Rev. No.1

Page 1 of 1

Sample Number 2240026-8 to 14  
Parameter Temperature  
Location โรงเรียนเจ้าฟ้าสร้าง (GPS 47P 0670135, 1575164)  
Sampling Date May 05 - May 12, 2022  
Sampling by Teeravut Sukdee

Time	Temperature (°C)						
	May 05 - May 06, 2022	May 06 - May 07, 2022	May 07 - May 08, 2022	May 08 - May 09, 2022	May 09 - May 10, 2022	May 10 - May 11, 2022	May 11 - May 12, 2022
12:00 PM - 01:00 PM	31.5	31.7	33.2	31.7	33.3	27.3	28.2
01:00 PM - 02:00 PM	30.2	32.2	33.8	32.2	32.5	27.2	27.9
02:00 PM - 03:00 PM	31.2	31.4	32.8	31.4	31.0	26.9	27.6
03:00 PM - 04:00 PM	32.0	29.8	32.1	29.8	30.4	26.9	26.9
04:00 PM - 05:00 PM	32.1	28.2	32.0	28.5	29.4	26.9	27.0
05:00 PM - 06:00 PM	30.0	28.6	30.6	28.2	28.6	26.7	26.9
06:00 PM - 07:00 PM	29.0	28.2	30.0	28.0	28.3	26.9	26.3
07:00 PM - 08:00 PM	27.2	27.9	29.3	27.6	27.3	26.7	26.5
08:00 PM - 09:00 PM	26.9	27.6	28.9	27.5	27.3	26.4	26.5
09:00 PM - 10:00 PM	26.9	26.9	28.7	27.0	27.0	26.4	26.6
10:00 PM - 11:00 PM	26.9	27.0	27.8	27.2	26.9	26.7	26.2
11:00 PM - 12:00 AM	26.7	26.9	27.6	27.2	26.9	27.5	26.7
12:00 AM - 01:00 AM	26.9	26.3	27.3	27.6	26.6	29.1	26.7
01:00 AM - 02:00 AM	26.7	26.5	27.2	27.3	26.2	31.0	26.8
02:00 AM - 03:00 AM	26.4	26.5	26.9	27.1	26.2	30.8	26.8
03:00 AM - 04:00 AM	26.4	26.6	26.9	27.0	26.5	33.3	27.9
04:00 AM - 05:00 AM	26.7	26.0	26.7	26.9	32.5	30.3	27.9
05:00 AM - 06:00 AM	27.5	26.0	27.5	27.3	32.7	32.8	28.2
06:00 AM - 07:00 AM	29.1	27.1	29.1	28.2	32.5	31.7	28.4
07:00 AM - 08:00 AM	31.0	28.7	31.0	29.4	32.0	32.2	29.1
08:00 AM - 09:00 AM	30.8	29.0	30.8	30.0	31.0	31.4	29.8
09:00 AM - 10:00 AM	33.3	30.0	33.3	31.7	29.3	29.8	30.2
10:00 AM - 11:00 AM	30.3	32.1	30.3	32.0	28.7	28.2	32.3
11:00 AM - 12:00 PM	32.8	32.3	32.8	32.7	27.6	28.6	33.2
Average – 24 hr	29.1	28.5	29.9	28.9	29.2	28.8	27.9
Max – 1 hr	33.3	32.3	33.8	32.7	33.3	33.3	33.2
Min – 1 hr	26.4	26.0	26.7	26.9	26.2	26.4	26.2

Note : This Analysis test report is reissued to supersede report No. 2274099-1 C9, Date Reported : May 19, 2022 due to revise sample information.

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Approved by

Sarayuth Jittranont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co.,Ltd  
888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2240026  
Date Received : May 13, 2022  
Date Reported : Jun 23, 2022  
Report Number : 2274099-1 C9 Rev. No.1

Page 1 of 1

Sample Number 2240026-15 to 21  
Parameter Temperature  
Location หมู่ที่ 3 ตำบลบ้านเลน (GPS 47P 0674900, 1574351)  
Sampling Date May 05 - May 12, 2022  
Sampling by Teeravut Sukdee

Time	Temperature (°C)						
	May 05 - May 06, 2022	May 06 - May 07, 2022	May 07 - May 08, 2022	May 08 - May 09, 2022	May 09 - May 10, 2022	May 10 - May 11, 2022	May 11 - May 12, 2022
01:00 PM - 02:00 PM	31.9	31.3	31.3	32.1	31.0	32.0	31.3
02:00 PM - 03:00 PM	32.0	31.0	32.8	30.3	30.8	31.2	32.8
03:00 PM - 04:00 PM	31.0	30.2	32.0	29.3	30.3	30.3	32.4
04:00 PM - 05:00 PM	30.9	30.3	30.7	29.0	28.3	29.3	30.7
05:00 PM - 06:00 PM	29.0	29.1	28.9	28.0	27.8	28.1	28.9
06:00 PM - 07:00 PM	28.3	28.4	27.6	27.6	28.0	27.3	27.6
07:00 PM - 08:00 PM	28.1	28.0	27.7	27.5	27.9	27.1	27.7
08:00 PM - 09:00 PM	27.0	28.0	27.9	27.2	27.8	26.9	27.9
09:00 PM - 10:00 PM	26.8	27.8	27.5	27.1	27.3	26.9	27.5
10:00 PM - 11:00 PM	26.4	27.5	27.5	27.0	26.7	26.0	27.5
11:00 PM - 12:00 AM	26.2	27.5	26.6	26.9	26.8	26.1	26.6
12:00 AM - 01:00 AM	26.2	27.5	26.5	26.2	26.9	26.3	26.5
01:00 AM - 02:00 AM	26.1	27.5	26.5	26.2	27.0	26.3	26.5
02:00 AM - 03:00 AM	26.1	26.5	26.6	26.1	27.0	26.3	26.6
03:00 AM - 04:00 AM	26.3	26.4	26.4	26.0	27.8	26.4	26.4
04:00 AM - 05:00 AM	26.0	26.0	26.0	26.0	28.4	26.0	26.0
05:00 AM - 06:00 AM	27.0	26.5	25.8	27.6	29.8	25.8	25.8
06:00 AM - 07:00 AM	27.3	26.5	27.5	29.1	30.0	26.5	27.5
07:00 AM - 08:00 AM	30.1	27.7	29.8	30.3	31.4	27.6	29.8
08:00 AM - 09:00 AM	30.1	29.1	31.6	30.9	32.2	30.4	31.6
09:00 AM - 10:00 AM	30.7	29.5	32.8	31.4	29.7	30.7	32.8
10:00 AM - 11:00 AM	30.7	30.7	31.6	32.2	31.1	30.7	31.6
11:00 AM - 12:00 PM	31.9	31.9	32.0	32.6	31.2	31.9	32.0
12:00 PM - 01:00 PM	32.0	32.0	32.0	32.1	32.4	32.0	32.0
Average – 24 hr	28.7	28.6	29.0	28.7	29.1	28.2	29.0
Max – 1 hr	32.0	32.0	32.8	32.6	32.4	32.0	32.8
Min – 1 hr	26.0	26.0	25.8	26.0	26.7	25.8	25.8

Note : This Analysis test report is reissued to supersede report No. 2274099-1 C9, Date Reported : May 19, 2022 due to revise sample information.

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Approved by

Sarayuth Jittranont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co.,Ltd  
888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2240026  
Date Received : May 13, 2022  
Date Reported : Jun 23, 2022  
Report Number : 2274099-1 C9 Rev. No.1

Page 1 of 1

Sample Number 2240026-22 to 28  
Parameter Temperature  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672741, 1578180)  
Sampling Date May 05 - May 12, 2022  
Sampling by Teeravut Sukdee

Time	Temperature (°C)						
	May 05 - May 06, 2022	May 06 - May 07, 2022	May 07 - May 08, 2022	May 08 - May 09, 2022	May 09 - May 10, 2022	May 10 - May 11, 2022	May 11 - May 12, 2022
10:00 AM - 11:00 AM	31.2	32.6	29.0	30.8	31.4	31.0	30.8
11:00 AM - 12:00 PM	31.7	33.9	31.2	32.3	33.1	31.8	32.3
12:00 PM - 01:00 PM	32.3	35.0	33.4	33.9	27.7	32.2	33.9
01:00 PM - 02:00 PM	33.3	29.0	34.0	35.4	25.3	32.2	35.4
02:00 PM - 03:00 PM	32.2	27.0	30.9	33.9	26.4	30.1	33.9
03:00 PM - 04:00 PM	34.3	25.4	27.1	35.4	29.2	34.4	35.4
04:00 PM - 05:00 PM	34.7	25.0	27.3	31.4	29.7	32.7	31.4
05:00 PM - 06:00 PM	32.5	25.0	27.1	25.9	29.0	33.2	30.1
06:00 PM - 07:00 PM	28.4	25.0	26.6	26.5	27.3	29.7	30.0
07:00 PM - 08:00 PM	27.6	25.3	26.2	26.1	27.1	28.1	29.7
08:00 PM - 09:00 PM	27.8	25.3	26.1	26.4	27.0	28.1	28.2
09:00 PM - 10:00 PM	27.6	25.6	26.2	26.8	26.8	28.3	27.6
10:00 PM - 11:00 PM	27.3	25.4	26.1	26.8	26.6	28.1	27.4
11:00 PM - 12:00 AM	27.0	25.5	26.1	26.7	26.2	27.8	27.1
12:00 AM - 01:00 AM	26.5	25.4	26.1	26.5	26.1	27.0	27.0
01:00 AM - 02:00 AM	26.2	25.3	25.9	25.9	26.4	26.8	29.3
02:00 AM - 03:00 AM	25.9	25.3	26.1	26.2	26.2	26.6	30.8
03:00 AM - 04:00 AM	25.7	25.1	26.0	26.2	26.2	26.5	31.4
04:00 AM - 05:00 AM	25.7	25.1	25.7	26.1	26.2	26.4	32.0
05:00 AM - 06:00 AM	25.5	25.0	25.5	26.2	26.0	26.4	32.0
06:00 AM - 07:00 AM	25.3	25.0	25.7	26.0	25.7	25.9	32.1
07:00 AM - 08:00 AM	27.2	25.7	26.2	27.0	26.5	28.9	32.1
08:00 AM - 09:00 AM	29.0	26.7	27.0	28.9	27.8	30.1	32.2
09:00 AM - 10:00 AM	30.8	27.8	28.6	31.2	30.3	30.3	32.2
Average – 24 hr	29.0	26.7	27.5	28.7	27.5	29.3	31.0
Max – 1 hr	34.7	35.0	34.0	35.4	33.1	34.4	35.4
Min – 1 hr	25.3	25.0	25.5	25.9	25.3	25.9	27.0

Note : This Analysis test report is reissued to supersede report No. 2274099-1 C9, Date Reported : May 19, 2022 due to revise sample information.

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Approved by

Sarayuth Jittranont  
Assistant General Manager





## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321316-1

Page 1 of 1

**Sample Number** 2242900-1  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ริมรั้วด้านทิศใต้ของโครงการ (GPS 47P 0672895, 1576250)  
**Measurement Date** May 05 - May 06, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 1022262

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	60.5	84.6	57.7
12:00 PM - 01:00 PM	61.1	78.2	58.0
01:00 PM - 02:00 PM	59.9	73.9	57.8
02:00 PM - 03:00 PM	60.4	77.1	57.6
03:00 PM - 04:00 PM	61.3	84.4	57.9
04:00 PM - 05:00 PM	60.8	79.9	57.9
05:00 PM - 06:00 PM	64.8	83.3	60.0
06:00 PM - 07:00 PM	64.3	82.5	59.8
07:00 PM - 08:00 PM	66.0	92.3	61.1
08:00 PM - 09:00 PM	65.7	82.8	60.8
09:00 PM - 10:00 PM	64.5	84.3	59.3
10:00 PM - 11:00 PM	60.5	86.1	58.6
11:00 PM - 12:00 AM	59.5	76.6	58.6
12:00 AM - 01:00 AM	58.3	66.7	57.1
01:00 AM - 02:00 AM	58.0	76.6	56.5
02:00 AM - 03:00 AM	57.1	71.1	56.2
03:00 AM - 04:00 AM	56.7	68.5	55.8
04:00 AM - 05:00 AM	57.7	77.5	56.5
05:00 AM - 06:00 AM	59.4	71.5	57.1
06:00 AM - 07:00 AM	62.9	84.0	58.5
07:00 AM - 08:00 AM	65.6	81.8	61.1
08:00 AM - 09:00 AM	66.1	80.6	61.4
09:00 AM - 10:00 AM	62.0	78.1	59.0
10:00 AM - 11:00 AM	61.0	74.3	58.7

Leq Average 24 hrs. (dB(A)) 62.4  
Lmax (dB(A)) 92.3  
L90 (dB(A)) 58.0  
Ldn (dB(A)) 66.7  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

**Technical Management**

  
Sararat Mongkonjirawut  
Supervisor

**Approved by**

  
Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321317-1

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**Sample Number** 2242900-2  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ริมรั้วด้านทิศใต้ของโครงการ (GPS 47P 0672895, 1576250)  
**Measurement Date** May 06 - May 07, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 1022262

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	60.8	75.5	58.5
12:00 PM - 01:00 PM	61.1	75.4	58.3
01:00 PM - 02:00 PM	60.2	77.0	58.0
02:00 PM - 03:00 PM	60.8	74.7	58.1
03:00 PM - 04:00 PM	60.9	83.2	57.8
04:00 PM - 05:00 PM	60.5	75.3	58.0
05:00 PM - 06:00 PM	64.8	84.7	60.5
06:00 PM - 07:00 PM	64.8	87.3	60.0
07:00 PM - 08:00 PM	65.3	77.7	61.3
08:00 PM - 09:00 PM	65.3	79.7	61.0
09:00 PM - 10:00 PM	64.2	85.8	59.1
10:00 PM - 11:00 PM	59.3	76.9	58.1
11:00 PM - 12:00 AM	58.7	68.2	58.0
12:00 AM - 01:00 AM	57.9	68.8	56.7
01:00 AM - 02:00 AM	57.9	74.9	56.6
02:00 AM - 03:00 AM	57.3	65.2	56.5
03:00 AM - 04:00 AM	57.5	69.0	56.9
04:00 AM - 05:00 AM	58.6	71.6	57.4
05:00 AM - 06:00 AM	61.1	77.9	58.2
06:00 AM - 07:00 AM	63.2	80.3	58.9
07:00 AM - 08:00 AM	65.7	79.6	61.3
08:00 AM - 09:00 AM	66.5	80.9	61.7
09:00 AM - 10:00 AM	61.3	79.2	57.8
10:00 AM - 11:00 AM	60.4	74.8	58.5

Leq Average 24 hrs. (dB(A)) 62.3  
Lmax (dB(A)) 87.3  
L90 (dB(A)) 58.1  
Ldn (dB(A)) 66.7  
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

  
Sararat Mongkonjirawut  
Supervisor

Approved by

  
Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321318-1

Page 1 of 1

**Sample Number** 2242900-3  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ริมรั้วด้านทิศใต้ของโครงการ (GPS 47P 0672895, 1576250)  
**Measurement Date** May 07 - May 08, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 1022262

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	60.4	79.8	58.3
12:00 PM - 01:00 PM	60.1	75.4	57.7
01:00 PM - 02:00 PM	60.3	75.9	58.8
02:00 PM - 03:00 PM	61.6	70.9	60.0
03:00 PM - 04:00 PM	61.9	82.1	58.9
04:00 PM - 05:00 PM	61.7	75.3	58.8
05:00 PM - 06:00 PM	65.3	78.0	61.5
06:00 PM - 07:00 PM	64.8	82.4	60.4
07:00 PM - 08:00 PM	65.3	88.0	60.6
08:00 PM - 09:00 PM	65.8	85.2	60.8
09:00 PM - 10:00 PM	62.8	78.6	58.6
10:00 PM - 11:00 PM	59.2	72.0	58.2
11:00 PM - 12:00 AM	58.8	67.3	58.0
12:00 AM - 01:00 AM	58.1	75.3	56.9
01:00 AM - 02:00 AM	58.1	66.5	57.1
02:00 AM - 03:00 AM	57.6	66.0	57.0
03:00 AM - 04:00 AM	58.0	69.4	57.1
04:00 AM - 05:00 AM	58.8	72.7	57.2
05:00 AM - 06:00 AM	59.9	77.3	57.8
06:00 AM - 07:00 AM	62.8	77.2	59.3
07:00 AM - 08:00 AM	64.0	79.0	59.1
08:00 AM - 09:00 AM	62.3	95.5	58.1
09:00 AM - 10:00 AM	59.1	72.4	57.4
10:00 AM - 11:00 AM	60.3	77.6	57.7

Leq Average 24 hrs. (dB(A)) 61.9  
Lmax (dB(A)) 95.5  
L90 (dB(A)) 58.2  
Ldn (dB(A)) 66.5  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
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**Technical Management**

Sararat Mongkonjirawut  
Supervisor

**Approved by**

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321319-1

Page 1 of 1

**Sample Number** 2242900-4  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ริมรั้วด้านทิศใต้ของโครงการ (GPS 47P 0672895, 1576250)  
**Measurement Date** May 08 - May 09, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 1022262

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	61.8	74.2	58.6
12:00 PM - 01:00 PM	61.1	72.8	57.9
01:00 PM - 02:00 PM	60.7	73.0	57.9
02:00 PM - 03:00 PM	60.9	73.2	57.8
03:00 PM - 04:00 PM	61.4	73.6	57.9
04:00 PM - 05:00 PM	60.4	76.2	57.7
05:00 PM - 06:00 PM	61.7	76.4	57.7
06:00 PM - 07:00 PM	60.9	76.2	57.9
07:00 PM - 08:00 PM	61.5	83.6	58.3
08:00 PM - 09:00 PM	61.1	73.9	58.2
09:00 PM - 10:00 PM	61.6	77.6	58.4
10:00 PM - 11:00 PM	60.8	70.5	58.5
11:00 PM - 12:00 AM	61.0	76.8	58.0
12:00 AM - 01:00 AM	60.1	67.1	58.2
01:00 AM - 02:00 AM	61.3	76.1	58.3
02:00 AM - 03:00 AM	61.0	81.9	58.3
03:00 AM - 04:00 AM	60.7	72.3	57.9
04:00 AM - 05:00 AM	61.0	73.8	58.0
05:00 AM - 06:00 AM	60.3	68.7	58.0
06:00 AM - 07:00 AM	60.8	69.2	58.2
07:00 AM - 08:00 AM	61.5	71.9	58.2
08:00 AM - 09:00 AM	60.3	67.9	57.8
09:00 AM - 10:00 AM	61.2	74.0	57.6
10:00 AM - 11:00 AM	61.3	75.1	58.0

Leq Average 24 hrs. (dB(A)) 61.0  
Lmax (dB(A)) 83.6  
L90 (dB(A)) 58.0  
Ldn (dB(A)) 67.3  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

**Technical Management**

Sararat Mongkonjirawut  
Supervisor

**Approved by**

Supot Salamteh  
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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321320-1

Page 1 of 1

**Sample Number** 2242900-5  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ริมรั้วด้านทิศใต้ของโครงการ (GPS 47P 0672895, 1576250)  
**Measurement Date** May 09 - May 10, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 1022262

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	61.7	76.4	58.0
12:00 PM - 01:00 PM	61.4	71.6	57.8
01:00 PM - 02:00 PM	61.1	73.1	57.8
02:00 PM - 03:00 PM	60.4	71.3	57.5
03:00 PM - 04:00 PM	59.6	71.6	57.1
04:00 PM - 05:00 PM	60.8	76.4	57.7
05:00 PM - 06:00 PM	61.1	75.3	58.2
06:00 PM - 07:00 PM	60.4	72.7	58.0
07:00 PM - 08:00 PM	61.5	70.7	58.1
08:00 PM - 09:00 PM	61.4	70.8	58.3
09:00 PM - 10:00 PM	63.6	74.3	60.4
10:00 PM - 11:00 PM	67.2	81.6	63.7
11:00 PM - 12:00 AM	67.5	77.5	62.7
12:00 AM - 01:00 AM	65.4	79.3	61.2
01:00 AM - 02:00 AM	64.7	78.7	60.1
02:00 AM - 03:00 AM	64.4	72.6	61.2
03:00 AM - 04:00 AM	65.9	79.2	62.9
04:00 AM - 05:00 AM	65.6	76.6	62.0
05:00 AM - 06:00 AM	65.9	80.7	62.2
06:00 AM - 07:00 AM	65.0	76.8	62.0
07:00 AM - 08:00 AM	66.8	76.5	63.5
08:00 AM - 09:00 AM	67.7	77.5	63.7
09:00 AM - 10:00 AM	65.3	78.5	61.3
10:00 AM - 11:00 AM	64.8	78.2	61.5

Leq Average 24 hrs. (dB(A)) 64.4  
Lmax (dB(A)) 81.6  
L90 (dB(A)) 60.4  
Ldn (dB(A)) 72.0  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

**Technical Management**

Sararat Mongkonjirawut  
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**Approved by**

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## Analysis / Test Report

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888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321321-1

Page 1 of 1

**Sample Number** 2242900-6  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ริมรั้วด้านทิศใต้ของโครงการ (GPS 47P 0672895, 1576250)  
**Measurement Date** May 10 - May 11, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 1022262

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	63.3	76.5	60.1
12:00 PM - 01:00 PM	66.4	80.5	62.2
01:00 PM - 02:00 PM	63.7	72.8	60.6
02:00 PM - 03:00 PM	60.9	76.5	59.2
03:00 PM - 04:00 PM	62.9	79.3	58.9
04:00 PM - 05:00 PM	64.7	81.2	60.3
05:00 PM - 06:00 PM	63.9	76.9	60.0
06:00 PM - 07:00 PM	64.5	80.8	59.9
07:00 PM - 08:00 PM	59.6	67.6	58.3
08:00 PM - 09:00 PM	59.2	68.7	58.1
09:00 PM - 10:00 PM	59.8	69.5	58.3
10:00 PM - 11:00 PM	60.6	72.8	58.5
11:00 PM - 12:00 AM	58.8	69.8	58.1
12:00 AM - 01:00 AM	59.0	69.4	58.1
01:00 AM - 02:00 AM	58.8	65.2	58.1
02:00 AM - 03:00 AM	59.4	74.3	58.1
03:00 AM - 04:00 AM	59.5	66.8	58.3
04:00 AM - 05:00 AM	58.7	66.2	57.9
05:00 AM - 06:00 AM	58.4	62.6	57.8
06:00 AM - 07:00 AM	59.9	67.8	58.6
07:00 AM - 08:00 AM	57.3	67.2	56.4
08:00 AM - 09:00 AM	59.3	81.2	56.6
09:00 AM - 10:00 AM	57.4	65.1	56.4
10:00 AM - 11:00 AM	60.3	77.2	57.0

Leq Average 24 hrs. (dB(A)) 61.5  
Lmax (dB(A)) 81.2  
L90 (dB(A)) 58.3  
Ldn (dB(A)) 66.3  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

**Technical Management**

  
Sararat Mongkonjirawut  
Supervisor

**Approved by**

  
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## Analysis / Test Report

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888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321322-1

Page 1 of 1

**Sample Number** 2242900-7  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ริมรั้วด้านทิศใต้ของโครงการ (GPS 47P 0672895, 1576250)  
**Measurement Date** May 11 - May 12, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 1022262

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	58.7	72.8	56.8
12:00 PM - 01:00 PM	57.7	66.4	57.0
01:00 PM - 02:00 PM	57.6	65.4	56.8
02:00 PM - 03:00 PM	57.5	67.6	56.5
03:00 PM - 04:00 PM	57.3	71.8	56.5
04:00 PM - 05:00 PM	57.3	65.9	56.7
05:00 PM - 06:00 PM	57.6	68.7	56.7
06:00 PM - 07:00 PM	57.2	61.2	56.7
07:00 PM - 08:00 PM	57.6	64.0	56.9
08:00 PM - 09:00 PM	57.8	63.0	57.2
09:00 PM - 10:00 PM	57.8	67.1	57.2
10:00 PM - 11:00 PM	57.5	62.8	57.0
11:00 PM - 12:00 AM	57.9	64.8	56.9
12:00 AM - 01:00 AM	57.5	63.3	57.0
01:00 AM - 02:00 AM	57.9	63.0	57.3
02:00 AM - 03:00 AM	58.4	72.4	57.1
03:00 AM - 04:00 AM	58.1	67.2	57.4
04:00 AM - 05:00 AM	60.2	72.2	57.9
05:00 AM - 06:00 AM	59.8	73.5	57.7
06:00 AM - 07:00 AM	59.8	73.9	57.7
07:00 AM - 08:00 AM	59.7	71.5	57.7
08:00 AM - 09:00 AM	60.8	69.2	58.2
09:00 AM - 10:00 AM	61.4	72.1	58.5
10:00 AM - 11:00 AM	60.8	71.3	58.3

Leq Average 24 hrs. (dB(A)) 58.7  
Lmax (dB(A)) 73.9  
L90 (dB(A)) 57.0  
Ldn (dB(A)) 65.1  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
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## Analysis / Test Report

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888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321323-1

Page 1 of 1

**Sample Number** 2242900-8  
**Parameter** Noise (Leq 24 hrs.)  
**Location** หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
**Measurement Date** May 05 - May 06, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 858525

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	53.6	79.4	43.6
03:00 PM - 04:00 PM	53.9	79.5	46.6
04:00 PM - 05:00 PM	58.0	80.4	48.6
05:00 PM - 06:00 PM	53.9	77.2	46.7
06:00 PM - 07:00 PM	54.2	72.1	49.6
07:00 PM - 08:00 PM	53.2	69.1	50.6
08:00 PM - 09:00 PM	52.1	70.6	49.5
09:00 PM - 10:00 PM	50.7	73.0	48.0
10:00 PM - 11:00 PM	50.7	74.4	46.9
11:00 PM - 12:00 AM	48.6	64.0	47.1
12:00 AM - 01:00 AM	48.5	63.6	47.2
01:00 AM - 02:00 AM	48.6	65.3	47.0
02:00 AM - 03:00 AM	49.2	73.8	45.9
03:00 AM - 04:00 AM	49.9	72.3	44.7
04:00 AM - 05:00 AM	53.0	72.4	46.2
05:00 AM - 06:00 AM	56.7	75.7	48.2
06:00 AM - 07:00 AM	54.9	76.2	46.0
07:00 AM - 08:00 AM	52.0	82.4	42.7
08:00 AM - 09:00 AM	49.8	69.0	42.6
09:00 AM - 10:00 AM	49.3	72.8	40.8
10:00 AM - 11:00 AM	50.2	77.4	39.7
11:00 AM - 12:00 PM	48.5	71.8	40.0
12:00 PM - 01:00 PM	50.7	74.8	39.8
01:00 PM - 02:00 PM	49.1	69.6	38.9

Leq Average 24 hrs. (dB(A)) 52.5  
Lmax (dB(A)) 82.4  
L90 (dB(A)) 46.2  
Ldn (dB(A)) 58.7  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ  
โรงงาน พ.ศ. 2548

Technical Management

  
Sararat Mongkonjirawut  
Supervisor

Approved by

  
Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321324-1

Page 1 of 1

**Sample Number** 2242900-9  
**Parameter** Noise (Leq 24 hrs.)  
**Location** หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
**Measurement Date** May 06 - May 07, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 858525

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	52.0	74.8	43.0
03:00 PM - 04:00 PM	59.1	85.0	50.3
04:00 PM - 05:00 PM	60.7	81.4	52.3
05:00 PM - 06:00 PM	58.3	77.0	48.6
06:00 PM - 07:00 PM	55.2	84.8	47.9
07:00 PM - 08:00 PM	51.6	72.7	48.5
08:00 PM - 09:00 PM	51.9	71.2	48.5
09:00 PM - 10:00 PM	50.9	76.5	48.0
10:00 PM - 11:00 PM	48.9	64.1	46.9
11:00 PM - 12:00 AM	49.5	65.4	47.4
12:00 AM - 01:00 AM	47.4	62.3	45.9
01:00 AM - 02:00 AM	45.4	61.4	44.3
02:00 AM - 03:00 AM	47.2	64.5	44.3
03:00 AM - 04:00 AM	50.5	72.2	44.6
04:00 AM - 05:00 AM	53.7	77.0	46.0
05:00 AM - 06:00 AM	55.7	79.5	47.4
06:00 AM - 07:00 AM	53.9	77.3	44.6
07:00 AM - 08:00 AM	51.8	74.7	41.2
08:00 AM - 09:00 AM	49.2	67.4	41.0
09:00 AM - 10:00 AM	48.5	74.2	41.3
10:00 AM - 11:00 AM	51.8	79.1	42.9
11:00 AM - 12:00 PM	54.5	74.3	45.0
12:00 PM - 01:00 PM	62.5	88.3	57.1
01:00 PM - 02:00 PM	60.1	79.3	56.7

Leq Average 24 hrs. (dB(A)) 55.4  
Lmax (dB(A)) 88.3  
L90 (dB(A)) 46.0  
Ldn (dB(A)) 59.2  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

**Technical Management**

Sararat Mongkonjirawut  
Supervisor

**Approved by**

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321325-1

Page 1 of 1

**Sample Number** 2242900-10  
**Parameter** Noise (Leq 24 hrs.)  
**Location** หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
**Measurement Date** May 07 - May 08, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 858525

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	60.2	82.4	57.3
03:00 PM - 04:00 PM	57.4	80.1	53.9
04:00 PM - 05:00 PM	54.5	74.4	48.9
05:00 PM - 06:00 PM	53.4	73.6	47.5
06:00 PM - 07:00 PM	52.6	76.4	47.9
07:00 PM - 08:00 PM	51.5	81.1	46.0
08:00 PM - 09:00 PM	48.1	67.6	44.5
09:00 PM - 10:00 PM	48.7	71.4	44.0
10:00 PM - 11:00 PM	46.6	66.4	43.3
11:00 PM - 12:00 AM	48.6	67.5	45.6
12:00 AM - 01:00 AM	48.0	64.1	46.4
01:00 AM - 02:00 AM	48.4	68.5	46.6
02:00 AM - 03:00 AM	48.5	64.2	46.6
03:00 AM - 04:00 AM	50.1	72.6	46.2
04:00 AM - 05:00 AM	53.7	74.9	45.8
05:00 AM - 06:00 AM	54.7	84.8	46.0
06:00 AM - 07:00 AM	54.6	78.8	45.5
07:00 AM - 08:00 AM	53.1	72.4	45.3
08:00 AM - 09:00 AM	55.6	79.4	44.6
09:00 AM - 10:00 AM	54.0	73.4	45.9
10:00 AM - 11:00 AM	52.1	75.2	44.6
11:00 AM - 12:00 PM	51.1	70.5	45.2
12:00 PM - 01:00 PM	61.4	80.5	54.0
01:00 PM - 02:00 PM	56.3	80.6	46.3

Leq Average 24 hrs. (dB(A)) 54.5  
Lmax (dB(A)) 84.8  
L90 (dB(A)) 46.0  
Ldn (dB(A)) 58.7  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

**Technical Management**

Sararat Mongkonjirawut  
Supervisor

**Approved by**

Supot Salamteh  
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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321326-1

Page 1 of 1

**Sample Number** 2242900-11  
**Parameter** Noise (Leq 24 hrs.)  
**Location** หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
**Measurement Date** May 08 - May 09, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 858525

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	56.0	84.4	46.7
03:00 PM - 04:00 PM	58.7	83.6	48.5
04:00 PM - 05:00 PM	61.0	89.8	51.8
05:00 PM - 06:00 PM	60.2	85.0	51.0
06:00 PM - 07:00 PM	57.0	78.2	51.7
07:00 PM - 08:00 PM	52.6	75.4	50.1
08:00 PM - 09:00 PM	51.3	70.6	48.9
09:00 PM - 10:00 PM	49.2	68.0	46.3
10:00 PM - 11:00 PM	47.6	71.3	43.5
11:00 PM - 12:00 AM	47.3	64.4	45.0
12:00 AM - 01:00 AM	46.5	72.0	43.9
01:00 AM - 02:00 AM	43.9	59.2	41.9
02:00 AM - 03:00 AM	45.1	63.4	40.8
03:00 AM - 04:00 AM	50.5	73.5	44.5
04:00 AM - 05:00 AM	55.3	77.6	48.4
05:00 AM - 06:00 AM	56.8	82.4	48.5
06:00 AM - 07:00 AM	54.4	74.8	44.9
07:00 AM - 08:00 AM	51.3	72.6	42.9
08:00 AM - 09:00 AM	52.3	76.0	42.5
09:00 AM - 10:00 AM	49.8	71.2	42.1
10:00 AM - 11:00 AM	51.1	71.4	44.5
11:00 AM - 12:00 PM	51.9	70.2	46.2
12:00 PM - 01:00 PM	51.6	70.7	46.8
01:00 PM - 02:00 PM	53.7	75.6	48.3

Leq Average 24 hrs. (dB(A)) 54.5  
Lmax (dB(A)) 89.8  
L90 (dB(A)) 46.2  
Ldn (dB(A)) 59.1  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

**Technical Management**

  
Sararat Mongkonjirawut  
Supervisor

**Approved by**

  
Supot Salamteh  
Section Head

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## Analysis / Test Report

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888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321327-1

Page 1 of 1

**Sample Number** 2242900-12  
**Parameter** Noise (Leq 24 hrs.)  
**Location** หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
**Measurement Date** May 09 - May 10, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 858525

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	57.7	77.5	53.5
03:00 PM - 04:00 PM	57.1	79.3	51.9
04:00 PM - 05:00 PM	58.1	80.0	52.0
05:00 PM - 06:00 PM	61.2	76.6	55.0
06:00 PM - 07:00 PM	60.3	78.3	54.9
07:00 PM - 08:00 PM	62.7	80.7	56.7
08:00 PM - 09:00 PM	62.2	76.5	56.5
09:00 PM - 10:00 PM	50.1	67.1	45.1
10:00 PM - 11:00 PM	45.7	63.8	43.5
11:00 PM - 12:00 AM	46.9	62.1	44.8
12:00 AM - 01:00 AM	44.6	66.7	42.3
01:00 AM - 02:00 AM	44.4	67.5	40.2
02:00 AM - 03:00 AM	46.7	75.9	42.3
03:00 AM - 04:00 AM	49.0	69.5	42.3
04:00 AM - 05:00 AM	53.9	77.8	45.7
05:00 AM - 06:00 AM	55.3	74.2	47.5
06:00 AM - 07:00 AM	54.0	78.1	46.0
07:00 AM - 08:00 AM	50.5	72.2	43.3
08:00 AM - 09:00 AM	49.4	72.9	40.7
09:00 AM - 10:00 AM	53.2	81.2	47.5
10:00 AM - 11:00 AM	59.5	77.3	52.7
11:00 AM - 12:00 PM	52.9	75.4	47.8
12:00 PM - 01:00 PM	52.7	74.3	47.8
01:00 PM - 02:00 PM	52.2	71.1	44.1

Leq Average 24 hrs. (dB(A)) 56.5  
Lmax (dB(A)) 81.2  
L90 (dB(A)) 46.0  
Ldn (dB(A)) 59.3  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

**Technical Management**

  
Sararat Mongkonjirawut  
Supervisor

**Approved by**

  
Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321328-1

Page 1 of 1

**Sample Number** 2242900-13  
**Parameter** Noise (Leq 24 hrs.)  
**Location** หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
**Measurement Date** May 10 - May 11, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 858525

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	53.2	72.8	45.2
03:00 PM - 04:00 PM	53.6	76.8	45.8
04:00 PM - 05:00 PM	54.6	74.3	48.7
05:00 PM - 06:00 PM	53.4	76.5	49.0
06:00 PM - 07:00 PM	53.6	71.2	49.5
07:00 PM - 08:00 PM	55.1	72.4	49.4
08:00 PM - 09:00 PM	54.3	68.5	49.8
09:00 PM - 10:00 PM	57.8	80.9	47.5
10:00 PM - 11:00 PM	55.4	73.0	50.3
11:00 PM - 12:00 AM	53.5	71.6	48.9
12:00 AM - 01:00 AM	53.2	68.1	48.5
01:00 AM - 02:00 AM	53.3	66.0	48.8
02:00 AM - 03:00 AM	54.1	76.3	48.5
03:00 AM - 04:00 AM	55.2	74.5	49.5
04:00 AM - 05:00 AM	53.0	71.1	48.0
05:00 AM - 06:00 AM	51.4	65.4	47.9
06:00 AM - 07:00 AM	51.7	69.0	47.8
07:00 AM - 08:00 AM	54.1	71.2	48.5
08:00 AM - 09:00 AM	53.8	75.3	48.9
09:00 AM - 10:00 AM	55.5	70.4	50.6
10:00 AM - 11:00 AM	55.2	75.0	50.2
11:00 AM - 12:00 PM	54.6	74.2	50.1
12:00 PM - 01:00 PM	55.3	71.2	51.1
01:00 PM - 02:00 PM	55.6	73.5	50.4

Leq Average 24 hrs. (dB(A)) 54.4  
Lmax (dB(A)) 80.9  
L90 (dB(A)) 48.9  
Ldn (dB(A)) 60.2  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ  
โรงงาน พ.ศ. 2548

Technical Management

  
Sararat Mongkonjirawut  
Supervisor

Approved by

  
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## Analysis / Test Report

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888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321329-1

Page 1 of 1

**Sample Number** 2242900-14  
**Parameter** Noise (Leq 24 hrs.)  
**Location** หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
**Measurement Date** May 11 - May 12, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 858525

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	59.2	82.4	50.4
03:00 PM - 04:00 PM	57.3	80.4	49.6
04:00 PM - 05:00 PM	62.0	82.8	51.9
05:00 PM - 06:00 PM	60.9	77.9	51.7
06:00 PM - 07:00 PM	60.5	76.9	49.9
07:00 PM - 08:00 PM	56.6	76.3	48.9
08:00 PM - 09:00 PM	56.5	82.5	48.9
09:00 PM - 10:00 PM	57.3	81.0	50.0
10:00 PM - 11:00 PM	53.5	71.2	50.1
11:00 PM - 12:00 AM	54.3	70.3	49.8
12:00 AM - 01:00 AM	54.3	75.5	50.7
01:00 AM - 02:00 AM	52.8	67.2	49.9
02:00 AM - 03:00 AM	53.4	65.8	50.6
03:00 AM - 04:00 AM	55.1	64.8	52.9
04:00 AM - 05:00 AM	54.8	70.7	51.8
05:00 AM - 06:00 AM	54.9	68.7	51.5
06:00 AM - 07:00 AM	55.7	71.9	51.0
07:00 AM - 08:00 AM	53.0	63.9	51.1
08:00 AM - 09:00 AM	53.0	65.2	51.5
09:00 AM - 10:00 AM	52.7	64.4	50.9
10:00 AM - 11:00 AM	51.6	59.3	50.2
11:00 AM - 12:00 PM	53.1	61.7	51.3
12:00 PM - 01:00 PM	52.1	60.0	50.5
01:00 PM - 02:00 PM	53.1	67.7	50.8

Leq Average 24 hrs. (dB(A)) 56.4  
Lmax (dB(A)) 82.8  
L90 (dB(A)) 50.6  
Ldn (dB(A)) 61.3  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

**Technical Management**

  
Sararat Mongkonjirawut  
Supervisor

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321330-1

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**Sample Number** 2242900-15  
**Parameter** Noise (Leq 24 hrs.)  
**Location** หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
**Measurement Date** May 05 - May 06, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 858517

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	52.6	85.0	42.2
01:00 PM - 02:00 PM	49.2	77.8	41.8
02:00 PM - 03:00 PM	50.1	74.7	43.8
03:00 PM - 04:00 PM	47.6	72.1	42.4
04:00 PM - 05:00 PM	48.5	71.3	43.6
05:00 PM - 06:00 PM	50.7	71.8	44.4
06:00 PM - 07:00 PM	50.8	70.1	47.6
07:00 PM - 08:00 PM	53.1	84.1	50.4
08:00 PM - 09:00 PM	54.0	87.9	49.6
09:00 PM - 10:00 PM	49.3	75.6	45.5
10:00 PM - 11:00 PM	51.0	65.5	46.9
11:00 PM - 12:00 AM	48.1	67.2	45.7
12:00 AM - 01:00 AM	48.0	71.6	44.3
01:00 AM - 02:00 AM	46.8	78.5	43.7
02:00 AM - 03:00 AM	45.6	58.8	43.5
03:00 AM - 04:00 AM	51.9	66.9	43.3
04:00 AM - 05:00 AM	52.7	66.4	44.1
05:00 AM - 06:00 AM	50.9	72.3	45.3
06:00 AM - 07:00 AM	53.7	81.0	44.3
07:00 AM - 08:00 AM	54.4	80.6	40.2
08:00 AM - 09:00 AM	48.0	66.0	41.7
09:00 AM - 10:00 AM	49.2	74.4	42.0
10:00 AM - 11:00 AM	47.4	69.6	41.2
11:00 AM - 12:00 PM	48.9	75.0	40.5

Leq Average 24 hrs. (dB(A)) 50.8  
Lmax (dB(A)) 87.9  
L90 (dB(A)) 43.7  
Ldn (dB(A)) 57.1  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

**Technical Management**

  
Sararat Mongkonjirawut  
Supervisor

**Approved by**

  
Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321331-1

Page 1 of 1

**Sample Number** 2242900-16  
**Parameter** Noise (Leq 24 hrs.)  
**Location** หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
**Measurement Date** May 06 - May 07, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 858517

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	51.2	86.0	41.1
01:00 PM - 02:00 PM	45.4	66.7	39.7
02:00 PM - 03:00 PM	44.0	63.1	38.8
03:00 PM - 04:00 PM	46.5	76.5	40.3
04:00 PM - 05:00 PM	48.7	69.7	43.0
05:00 PM - 06:00 PM	49.9	68.2	44.3
06:00 PM - 07:00 PM	47.9	65.7	44.2
07:00 PM - 08:00 PM	48.0	66.0	44.6
08:00 PM - 09:00 PM	48.8	77.6	44.3
09:00 PM - 10:00 PM	45.6	66.1	43.2
10:00 PM - 11:00 PM	44.6	70.0	42.8
11:00 PM - 12:00 AM	43.7	64.9	41.9
12:00 AM - 01:00 AM	43.2	71.8	42.0
01:00 AM - 02:00 AM	44.9	72.7	43.8
02:00 AM - 03:00 AM	44.3	60.2	43.0
03:00 AM - 04:00 AM	48.2	66.9	41.4
04:00 AM - 05:00 AM	51.3	76.6	43.1
05:00 AM - 06:00 AM	50.7	82.7	45.3
06:00 AM - 07:00 AM	50.9	78.8	43.4
07:00 AM - 08:00 AM	50.0	73.5	41.2
08:00 AM - 09:00 AM	51.0	76.5	41.5
09:00 AM - 10:00 AM	47.7	72.1	41.4
10:00 AM - 11:00 AM	47.7	68.8	42.7
11:00 AM - 12:00 PM	51.4	75.7	42.8

Leq Average 24 hrs. (dB(A)) 48.5  
Lmax (dB(A)) 86.0  
L90 (dB(A)) 42.8  
Ldn (dB(A)) 54.5  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
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Sararat Mongkonjirawut  
Supervisor

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Section Head

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## Analysis / Test Report

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**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321332-1

Page 1 of 1

**Sample Number** 2242900-17  
**Parameter** Noise (Leq 24 hrs.)  
**Location** หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
**Measurement Date** May 07 - May 08, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 858517

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	50.5	77.1	45.7
01:00 PM - 02:00 PM	55.4	74.8	52.0
02:00 PM - 03:00 PM	52.6	69.3	50.5
03:00 PM - 04:00 PM	52.1	66.0	50.6
04:00 PM - 05:00 PM	52.0	73.8	49.6
05:00 PM - 06:00 PM	50.2	67.9	45.5
06:00 PM - 07:00 PM	47.7	67.6	45.0
07:00 PM - 08:00 PM	48.9	71.3	44.2
08:00 PM - 09:00 PM	47.3	67.7	44.4
09:00 PM - 10:00 PM	44.3	66.1	41.9
10:00 PM - 11:00 PM	42.1	64.0	40.2
11:00 PM - 12:00 AM	41.2	64.8	39.6
12:00 AM - 01:00 AM	42.1	62.2	39.7
01:00 AM - 02:00 AM	48.9	79.5	39.4
02:00 AM - 03:00 AM	42.7	69.1	39.5
03:00 AM - 04:00 AM	46.4	72.1	40.5
04:00 AM - 05:00 AM	50.0	70.0	43.3
05:00 AM - 06:00 AM	49.9	67.5	44.3
06:00 AM - 07:00 AM	52.0	77.6	44.8
07:00 AM - 08:00 AM	51.0	77.8	44.7
08:00 AM - 09:00 AM	50.9	85.1	42.5
09:00 AM - 10:00 AM	50.1	87.5	42.0
10:00 AM - 11:00 AM	47.7	69.6	41.4
11:00 AM - 12:00 PM	47.2	68.3	41.4

Leq Average 24 hrs. (dB(A)) 49.8  
Lmax (dB(A)) 87.5  
L90 (dB(A)) 43.3  
Ldn (dB(A)) 54.7  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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## Analysis / Test Report

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**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321333-1

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**Sample Number** 2242900-18  
**Parameter** Noise (Leq 24 hrs.)  
**Location** หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
**Measurement Date** May 08 - May 09, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 858517

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	50.1	81.4	43.8
01:00 PM - 02:00 PM	52.5	72.3	50.1
02:00 PM - 03:00 PM	49.9	71.8	45.5
03:00 PM - 04:00 PM	48.8	69.9	45.1
04:00 PM - 05:00 PM	52.4	75.2	44.7
05:00 PM - 06:00 PM	49.6	72.3	42.6
06:00 PM - 07:00 PM	49.5	73.8	43.5
07:00 PM - 08:00 PM	47.8	72.1	44.4
08:00 PM - 09:00 PM	46.5	71.3	44.1
09:00 PM - 10:00 PM	44.3	62.6	42.9
10:00 PM - 11:00 PM	45.1	72.6	42.7
11:00 PM - 12:00 AM	42.9	57.7	41.9
12:00 AM - 01:00 AM	41.9	66.5	40.3
01:00 AM - 02:00 AM	41.2	57.4	40.3
02:00 AM - 03:00 AM	42.7	69.8	41.2
03:00 AM - 04:00 AM	43.8	64.2	42.1
04:00 AM - 05:00 AM	48.7	68.3	43.2
05:00 AM - 06:00 AM	50.2	76.5	44.1
06:00 AM - 07:00 AM	51.4	79.2	46.0
07:00 AM - 08:00 AM	56.0	83.2	42.5
08:00 AM - 09:00 AM	55.9	81.0	42.5
09:00 AM - 10:00 AM	51.8	78.8	40.7
10:00 AM - 11:00 AM	53.5	83.7	43.0
11:00 AM - 12:00 PM	51.1	80.8	43.5

Leq Average 24 hrs. (dB(A)) 50.5  
Lmax (dB(A)) 83.7  
L90 (dB(A)) 43.0  
Ldn (dB(A)) 54.4  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321334-1

Page 1 of 1

**Sample Number** 2242900-19  
**Parameter** Noise (Leq 24 hrs.)  
**Location** หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
**Measurement Date** May 09 - May 10, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 858517

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	48.2	76.8	42.8
01:00 PM - 02:00 PM	47.7	68.2	43.4
02:00 PM - 03:00 PM	55.4	82.1	43.4
03:00 PM - 04:00 PM	49.2	72.3	44.8
04:00 PM - 05:00 PM	50.3	83.2	42.9
05:00 PM - 06:00 PM	57.4	78.6	49.2
06:00 PM - 07:00 PM	50.6	68.3	45.4
07:00 PM - 08:00 PM	53.7	81.2	45.1
08:00 PM - 09:00 PM	54.6	84.7	42.1
09:00 PM - 10:00 PM	50.3	74.4	40.8
10:00 PM - 11:00 PM	50.5	72.4	43.6
11:00 PM - 12:00 AM	52.7	80.7	46.1
12:00 AM - 01:00 AM	49.4	67.3	45.9
01:00 AM - 02:00 AM	50.3	67.1	48.6
02:00 AM - 03:00 AM	50.4	70.6	48.3
03:00 AM - 04:00 AM	49.3	63.0	47.3
04:00 AM - 05:00 AM	47.2	63.0	45.2
05:00 AM - 06:00 AM	48.0	59.7	45.0
06:00 AM - 07:00 AM	45.1	72.6	43.4
07:00 AM - 08:00 AM	43.6	65.9	42.6
08:00 AM - 09:00 AM	44.4	64.2	43.3
09:00 AM - 10:00 AM	45.0	68.4	44.1
10:00 AM - 11:00 AM	48.8	65.0	44.8
11:00 AM - 12:00 PM	52.0	77.6	46.7

Leq Average 24 hrs. (dB(A)) 51.1  
Lmax (dB(A)) 84.7  
L90 (dB(A)) 44.8  
Ldn (dB(A)) 56.5  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
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Technical Management

  
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## Analysis / Test Report

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**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321335-1

Page 1 of 1

**Sample Number** 2242900-20  
**Parameter** Noise (Leq 24 hrs.)  
**Location** หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
**Measurement Date** May 10 - May 11, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 858517

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	52.7	74.7	45.8
01:00 PM - 02:00 PM	55.1	87.1	44.3
02:00 PM - 03:00 PM	48.9	74.3	42.6
03:00 PM - 04:00 PM	51.7	75.3	40.9
04:00 PM - 05:00 PM	46.5	67.1	41.7
05:00 PM - 06:00 PM	47.6	74.4	41.3
06:00 PM - 07:00 PM	46.2	72.5	42.1
07:00 PM - 08:00 PM	46.4	64.5	42.0
08:00 PM - 09:00 PM	48.7	73.1	41.0
09:00 PM - 10:00 PM	47.5	72.0	41.4
10:00 PM - 11:00 PM	49.6	73.6	43.2
11:00 PM - 12:00 AM	50.8	71.3	45.2
12:00 AM - 01:00 AM	49.2	68.6	46.6
01:00 AM - 02:00 AM	48.8	68.0	45.7
02:00 AM - 03:00 AM	50.0	68.9	47.4
03:00 AM - 04:00 AM	49.1	70.0	46.7
04:00 AM - 05:00 AM	47.3	72.7	44.0
05:00 AM - 06:00 AM	46.5	69.6	43.0
06:00 AM - 07:00 AM	47.6	51.6	42.5
07:00 AM - 08:00 AM	44.4	57.3	41.9
08:00 AM - 09:00 AM	45.0	59.5	41.7
09:00 AM - 10:00 AM	44.5	65.3	42.4
10:00 AM - 11:00 AM	45.9	71.6	43.0
11:00 AM - 12:00 PM	51.1	70.3	44.6

Leq Average 24 hrs. (dB(A)) 49.2  
Lmax (dB(A)) 87.1  
L90 (dB(A)) 42.6  
Ldn (dB(A)) 55.4  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
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## Analysis / Test Report

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888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242900**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321336-1

Page 1 of 1

**Sample Number** 2242900-21  
**Parameter** Noise (Leq 24 hrs.)  
**Location** หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
**Measurement Date** May 11 - May 12, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 858517

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	50.6	67.1	44.6
01:00 PM - 02:00 PM	49.2	70.6	42.8
02:00 PM - 03:00 PM	47.6	68.0	41.2
03:00 PM - 04:00 PM	48.9	75.6	42.6
04:00 PM - 05:00 PM	48.2	69.7	40.6
05:00 PM - 06:00 PM	47.0	71.1	40.5
06:00 PM - 07:00 PM	47.5	67.0	41.8
07:00 PM - 08:00 PM	48.2	75.8	41.4
08:00 PM - 09:00 PM	58.5	74.4	54.2
09:00 PM - 10:00 PM	52.4	81.3	45.5
10:00 PM - 11:00 PM	54.5	77.5	46.7
11:00 PM - 12:00 AM	52.3	78.5	48.8
12:00 AM - 01:00 AM	53.5	66.6	50.6
01:00 AM - 02:00 AM	57.8	67.2	54.6
02:00 AM - 03:00 AM	55.4	71.5	51.5
03:00 AM - 04:00 AM	51.6	71.8	46.0
04:00 AM - 05:00 AM	56.1	79.5	48.3
05:00 AM - 06:00 AM	55.2	80.3	48.6
06:00 AM - 07:00 AM	55.2	74.4	49.4
07:00 AM - 08:00 AM	48.6	63.7	45.3
08:00 AM - 09:00 AM	49.4	64.4	43.0
09:00 AM - 10:00 AM	47.2	65.2	42.3
10:00 AM - 11:00 AM	48.3	61.8	43.9
11:00 AM - 12:00 PM	47.5	67.7	44.5

Leq Average 24 hrs. (dB(A)) 52.9  
Lmax (dB(A)) 81.3  
L90 (dB(A)) 44.6  
Ldn (dB(A)) 61.0  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

**Technical Management**

Sararat Mongkonjirawut  
Supervisor

**Approved by**

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2240031**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321149-1C9

Page 1 of 1

**Sample Number** 2240031-8  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ร้านค้าภายในนิคมที่อยู่ใกล้เชิงโครงการ (GPS 47P 0672902, 1576255)  
**Measurement Date** May 05 - May 06, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 572609

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	48.2	67.7	44.4
11:00 AM - 12:00 PM	47.4	63.2	44.1
12:00 PM - 01:00 PM	46.9	62.7	43.9
01:00 PM - 02:00 PM	45.9	60.3	43.5
02:00 PM - 03:00 PM	46.4	64.8	43.1
03:00 PM - 04:00 PM	44.9	56.8	43.7
04:00 PM - 05:00 PM	44.8	59.7	43.4
05:00 PM - 06:00 PM	45.6	62.1	43.9
06:00 PM - 07:00 PM	46.1	60.4	44.1
07:00 PM - 08:00 PM	46.2	58.8	45.0
08:00 PM - 09:00 PM	46.9	61.8	45.1
09:00 PM - 10:00 PM	46.6	70.0	44.8
10:00 PM - 11:00 PM	45.4	58.3	44.1
11:00 PM - 12:00 AM	46.8	62.6	45.2
12:00 AM - 01:00 AM	49.5	66.4	45.6
01:00 AM - 02:00 AM	49.0	65.4	46.1
02:00 AM - 03:00 AM	47.0	60.1	45.5
03:00 AM - 04:00 AM	48.0	64.9	46.3
04:00 AM - 05:00 AM	48.6	67.4	46.4
05:00 AM - 06:00 AM	52.8	66.8	49.1
06:00 AM - 07:00 AM	60.1	78.1	56.9
07:00 AM - 08:00 AM	56.9	65.2	55.0
08:00 AM - 09:00 AM	58.3	92.2	50.1
09:00 AM - 10:00 AM	51.7	59.1	51.0

Leq Average 24 hrs. (dB(A)) 51.6  
Lmax (dB(A)) 92.2  
L90 (dB(A)) 45.0  
Ldn (dB(A)) 58.8  
Standard (dB(A)) 70  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Saranya C.

Saranya Chalermthamrong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2240031**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321150-1C9

Page 1 of 1

**Sample Number** 2240031-9  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ร้านค้าภายในนิคมที่อยู่ใกล้เชิงโครงการ (GPS 47P 0672902, 1576255)  
**Measurement Date** May 06 - May 07, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 572609

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	51.6	59.3	50.8
11:00 AM - 12:00 PM	50.2	70.3	48.0
12:00 PM - 01:00 PM	49.5	69.7	46.8
01:00 PM - 02:00 PM	52.7	72.3	47.5
02:00 PM - 03:00 PM	51.4	71.9	47.3
03:00 PM - 04:00 PM	52.7	75.3	48.1
04:00 PM - 05:00 PM	50.7	76.7	47.1
05:00 PM - 06:00 PM	48.6	59.3	47.4
06:00 PM - 07:00 PM	49.6	67.5	47.4
07:00 PM - 08:00 PM	49.7	62.0	47.8
08:00 PM - 09:00 PM	49.4	67.8	46.2
09:00 PM - 10:00 PM	50.4	69.2	48.2
10:00 PM - 11:00 PM	50.2	64.8	47.8
11:00 PM - 12:00 AM	50.3	64.8	47.6
12:00 AM - 01:00 AM	48.3	55.3	46.8
01:00 AM - 02:00 AM	48.4	59.3	46.9
02:00 AM - 03:00 AM	50.0	62.9	47.9
03:00 AM - 04:00 AM	50.6	63.4	48.2
04:00 AM - 05:00 AM	51.0	62.0	48.0
05:00 AM - 06:00 AM	54.0	68.1	49.9
06:00 AM - 07:00 AM	56.7	66.9	52.2
07:00 AM - 08:00 AM	56.7	70.0	53.3
08:00 AM - 09:00 AM	57.9	66.5	55.9
09:00 AM - 10:00 AM	55.5	69.3	50.5

Leq Average 24 hrs. (dB(A)) 52.5  
Lmax (dB(A)) 76.7  
L90 (dB(A)) 47.8  
Ldn (dB(A)) 58.5  
Standard (dB(A)) 70  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Saranya C.

Saranya Chalermthamrong  
Scientist (4)

Approved by

Suppt S.

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2240031**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321151-1C9

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**Sample Number** 2240031-10  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ร้านค้าภายในนิคมที่อยู่ใกล้เชิงโครงการ (GPS 47P 0672902, 1576255)  
**Measurement Date** May 07 - May 08, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 572609

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	51.1	58.6	50.2
11:00 AM - 12:00 PM	52.3	61.1	50.1
12:00 PM - 01:00 PM	54.8	62.4	51.3
01:00 PM - 02:00 PM	58.3	63.1	51.4
02:00 PM - 03:00 PM	58.8	66.3	51.5
03:00 PM - 04:00 PM	54.4	63.1	49.9
04:00 PM - 05:00 PM	55.9	62.5	50.5
05:00 PM - 06:00 PM	56.3	66.2	50.9
06:00 PM - 07:00 PM	54.7	62.8	50.3
07:00 PM - 08:00 PM	58.1	65.0	51.6
08:00 PM - 09:00 PM	57.7	63.0	51.2
09:00 PM - 10:00 PM	57.0	62.8	50.8
10:00 PM - 11:00 PM	57.5	66.9	50.8
11:00 PM - 12:00 AM	57.8	64.3	50.6
12:00 AM - 01:00 AM	50.6	63.4	49.0
01:00 AM - 02:00 AM	56.1	63.4	50.6
02:00 AM - 03:00 AM	59.7	66.5	55.3
03:00 AM - 04:00 AM	61.0	67.0	57.2
04:00 AM - 05:00 AM	61.3	67.2	57.9
05:00 AM - 06:00 AM	63.6	69.4	60.8
06:00 AM - 07:00 AM	64.3	69.2	61.6
07:00 AM - 08:00 AM	61.9	71.8	58.6
08:00 AM - 09:00 AM	59.9	64.7	52.4
09:00 AM - 10:00 AM	59.1	65.7	55.0

Leq Average 24 hrs. (dB(A)) 58.9  
Lmax (dB(A)) 71.8  
L90 (dB(A)) 51.2  
Ldn (dB(A)) 66.6  
Standard (dB(A)) 70  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Saranya C.

Saranya Chalermthamrong  
Scientist (4)

Approved by

Suppt S.

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2240031**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321152-1C9

Page 1 of 1

**Sample Number** 2240031-11  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ร้านค้าภายในนิคมที่อยู่ใกล้เชิงโครงการ (GPS 47P 0672902, 1576255)  
**Measurement Date** May 08 - May 09, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 572609

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	60.6	68.0	56.5
11:00 AM - 12:00 PM	63.4	68.7	59.8
12:00 PM - 01:00 PM	63.2	67.8	59.8
01:00 PM - 02:00 PM	61.4	65.8	57.5
02:00 PM - 03:00 PM	59.3	71.8	55.2
03:00 PM - 04:00 PM	59.3	74.5	53.9
04:00 PM - 05:00 PM	54.7	64.6	50.3
05:00 PM - 06:00 PM	51.0	62.5	48.6
06:00 PM - 07:00 PM	51.2	64.0	48.8
07:00 PM - 08:00 PM	51.6	70.0	48.7
08:00 PM - 09:00 PM	52.7	63.2	48.9
09:00 PM - 10:00 PM	52.8	68.3	49.5
10:00 PM - 11:00 PM	55.1	67.4	50.7
11:00 PM - 12:00 AM	56.0	74.4	50.4
12:00 AM - 01:00 AM	55.1	76.7	50.6
01:00 AM - 02:00 AM	56.4	74.5	51.1
02:00 AM - 03:00 AM	56.3	74.1	50.9
03:00 AM - 04:00 AM	56.9	69.7	51.3
04:00 AM - 05:00 AM	50.8	60.9	47.9
05:00 AM - 06:00 AM	50.6	69.6	46.6
06:00 AM - 07:00 AM	49.7	63.6	47.1
07:00 AM - 08:00 AM	51.1	72.6	46.8
08:00 AM - 09:00 AM	49.8	68.7	46.6
09:00 AM - 10:00 AM	48.8	69.9	46.2

Leq Average 24 hrs. (dB(A)) 57.2  
Lmax (dB(A)) 76.7  
L90 (dB(A)) 50.3  
Ldn (dB(A)) 61.9  
Standard (dB(A)) 70  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

**Technical Management**

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)

**Approved by**

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2240031**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321153-1C9

Page 1 of 1

**Sample Number** 2240031-12  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ร้านค้าภายในนิคมที่อยู่ใกล้เชิงโครงการ (GPS 47P 0672902, 1576255)  
**Measurement Date** May 09 - May 10, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 572609

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	48.7	63.8	46.3
11:00 AM - 12:00 PM	49.7	69.0	46.5
12:00 PM - 01:00 PM	50.4	69.1	46.5
01:00 PM - 02:00 PM	48.1	58.7	45.9
02:00 PM - 03:00 PM	50.1	69.7	46.1
03:00 PM - 04:00 PM	52.7	76.3	45.8
04:00 PM - 05:00 PM	50.3	75.4	46.8
05:00 PM - 06:00 PM	48.0	63.4	45.9
06:00 PM - 07:00 PM	48.8	64.2	46.7
07:00 PM - 08:00 PM	49.1	72.9	46.6
08:00 PM - 09:00 PM	48.7	72.3	46.5
09:00 PM - 10:00 PM	56.8	70.8	51.9
10:00 PM - 11:00 PM	54.4	70.9	50.8
11:00 PM - 12:00 AM	51.6	69.6	49.0
12:00 AM - 01:00 AM	58.8	69.0	55.1
01:00 AM - 02:00 AM	61.8	72.1	56.3
02:00 AM - 03:00 AM	60.4	69.1	54.8
03:00 AM - 04:00 AM	53.5	67.8	50.0
04:00 AM - 05:00 AM	59.2	67.0	54.4
05:00 AM - 06:00 AM	61.6	68.1	55.1
06:00 AM - 07:00 AM	62.1	68.3	57.9
07:00 AM - 08:00 AM	65.4	70.8	62.6
08:00 AM - 09:00 AM	65.2	71.5	61.2
09:00 AM - 10:00 AM	55.2	76.4	50.1

Leq Average 24 hrs. (dB(A)) 58.4  
Lmax (dB(A)) 76.4  
L90 (dB(A)) 49.0  
Ldn (dB(A)) 65.6  
Standard (dB(A)) 70  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)

Approved by

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2240031**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321154-1C9

Page 1 of 1

**Sample Number** 2240031-13  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ร้านค้าภายในนิคมที่อยู่ใกล้เชิงโครงการ (GPS 47P 0672902, 1576255)  
**Measurement Date** May 10 - May 11, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 572609

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	53.9	70.0	49.8
11:00 AM - 12:00 PM	54.9	70.1	50.8
12:00 PM - 01:00 PM	49.8	67.4	47.1
01:00 PM - 02:00 PM	50.4	75.7	46.2
02:00 PM - 03:00 PM	49.2	70.0	46.7
03:00 PM - 04:00 PM	56.9	92.1	50.3
04:00 PM - 05:00 PM	56.9	74.3	51.4
05:00 PM - 06:00 PM	51.4	72.5	47.4
06:00 PM - 07:00 PM	50.3	80.6	47.0
07:00 PM - 08:00 PM	50.9	74.5	47.5
08:00 PM - 09:00 PM	52.2	74.9	48.7
09:00 PM - 10:00 PM	59.7	76.8	50.3
10:00 PM - 11:00 PM	55.5	73.6	52.5
11:00 PM - 12:00 AM	60.7	72.2	55.5
12:00 AM - 01:00 AM	59.1	66.6	55.1
01:00 AM - 02:00 AM	58.1	65.8	53.5
02:00 AM - 03:00 AM	62.2	69.4	54.8
03:00 AM - 04:00 AM	61.1	68.9	53.9
04:00 AM - 05:00 AM	64.1	69.9	58.6
05:00 AM - 06:00 AM	66.9	71.0	63.8
06:00 AM - 07:00 AM	65.8	71.2	61.1
07:00 AM - 08:00 AM	61.1	74.9	56.3
08:00 AM - 09:00 AM	53.4	68.0	50.8
09:00 AM - 10:00 AM	56.0	71.4	51.7

Leq Average 24 hrs. (dB(A)) 59.7  
Lmax (dB(A)) 92.1  
L90 (dB(A)) 50.8  
Ldn (dB(A)) 68.7  
Standard (dB(A)) 70  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Saranya C.

Saranya Chalermthamrong  
Scientist (4)

Approved by

Suppt S.

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2240031**

Date Received : May 13, 2022  
Date Reported : May 23, 2022  
Report Number: 2321155-1C9

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**Sample Number** 2240031-14  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ร้านค้าภายในนิคมที่อยู่ใกล้เชิงโครงการ (GPS 47P 0672902, 1576255)  
**Measurement Date** May 11 - May 12, 2022  
**Measurement by** Teeravut Sukdee  
**Sound Level meter** Serial No. 572609

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	52.9	70.1	49.4
11:00 AM - 12:00 PM	50.7	71.1	46.9
12:00 PM - 01:00 PM	49.8	69.7	46.8
01:00 PM - 02:00 PM	50.8	71.1	47.1
02:00 PM - 03:00 PM	48.9	70.3	46.2
03:00 PM - 04:00 PM	49.2	68.2	47.3
04:00 PM - 05:00 PM	49.2	66.6	46.9
05:00 PM - 06:00 PM	49.9	75.2	46.4
06:00 PM - 07:00 PM	49.3	64.5	47.0
07:00 PM - 08:00 PM	52.5	67.9	49.4
08:00 PM - 09:00 PM	53.1	65.9	50.7
09:00 PM - 10:00 PM	57.4	69.1	55.7
10:00 PM - 11:00 PM	57.2	70.7	55.1
11:00 PM - 12:00 AM	54.6	74.8	52.4
12:00 AM - 01:00 AM	57.0	66.4	54.1
01:00 AM - 02:00 AM	54.3	63.2	51.6
02:00 AM - 03:00 AM	50.9	67.2	49.0
03:00 AM - 04:00 AM	61.7	77.6	58.4
04:00 AM - 05:00 AM	60.5	69.3	58.1
05:00 AM - 06:00 AM	61.5	73.2	58.0
06:00 AM - 07:00 AM	60.5	73.6	57.6
07:00 AM - 08:00 AM	61.3	76.2	57.9
08:00 AM - 09:00 AM	61.0	74.7	57.7
09:00 AM - 10:00 AM	61.5	76.4	57.9

Leq Average 24 hrs. (dB(A)) 57.3  
Lmax (dB(A)) 77.6  
L90 (dB(A)) 50.7  
Ldn (dB(A)) 64.9  
Standard (dB(A)) 70  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Saranya C.

Saranya Chalermthamrong  
Scientist (4)

Approved by

Suppt S.

Supot Salamteh  
Section Head

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## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpoin, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316622-1

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Sample Number 2242905-1  
Parameter Noise Level (Leq 5 min)  
Location ริมรั้วด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
Measurement Date May 05 - May 06, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 01022262

May 05, 2022 Time	Leq dB(A)	L90 dB(A)	May 05, 2022 Time	Leq dB(A)	L90 dB(A)	May 05, 2022 Time	Leq dB(A)	L90 dB(A)
11:00 AM - 11:05 AM	61.0	57.9	01:40 PM - 01:45 PM	60.3	57.9	04:20 PM - 04:25 PM	60.6	57.8
11:05 AM - 11:10 AM	60.2	58.2	01:45 PM - 01:50 PM	60.0	58.1	04:25 PM - 04:30 PM	60.5	57.4
11:10 AM - 11:15 AM	60.2	58.0	01:50 PM - 01:55 PM	60.7	58.1	04:30 PM - 04:35 PM	60.6	57.6
11:15 AM - 11:20 AM	61.1	57.7	01:55 PM - 02:00 PM	60.3	58.2	04:35 PM - 04:40 PM	61.4	57.5
11:20 AM - 11:25 AM	60.3	57.9	02:00 PM - 02:05 PM	60.4	57.9	04:40 PM - 04:45 PM	60.8	57.8
11:25 AM - 11:30 AM	62.1	57.9	02:05 PM - 02:10 PM	59.6	57.5	04:45 PM - 04:50 PM	61.4	58.1
11:30 AM - 11:35 AM	60.4	57.6	02:10 PM - 02:15 PM	60.0	57.1	04:50 PM - 04:55 PM	60.1	58.3
11:35 AM - 11:40 AM	59.9	57.8	02:15 PM - 02:20 PM	60.2	57.5	04:55 PM - 05:00 PM	59.9	58.1
11:40 AM - 11:45 AM	60.5	57.4	02:20 PM - 02:25 PM	60.3	57.9	05:00 PM - 05:05 PM	60.3	57.8
11:45 AM - 11:50 AM	60.1	56.7	02:25 PM - 02:30 PM	60.1	57.9	05:05 PM - 05:10 PM	61.8	58.3
11:50 AM - 11:55 AM	59.5	57.3	02:30 PM - 02:35 PM	60.7	58.0	05:10 PM - 05:15 PM	61.1	57.9
11:55 AM - 12:00 PM	60.2	57.6	02:35 PM - 02:40 PM	60.6	57.5	05:15 PM - 05:20 PM	61.1	58.2
12:00 PM - 12:05 PM	61.9	57.5	02:40 PM - 02:45 PM	61.6	57.5	05:20 PM - 05:25 PM	62.4	58.4
12:05 PM - 12:10 PM	63.1	58.3	02:45 PM - 02:50 PM	60.1	57.1	05:25 PM - 05:30 PM	63.8	59.5
12:10 PM - 12:15 PM	62.1	58.3	02:50 PM - 02:55 PM	60.2	57.4	05:30 PM - 05:35 PM	64.3	59.5
12:15 PM - 12:20 PM	61.3	58.2	02:55 PM - 03:00 PM	60.1	57.8	05:35 PM - 05:40 PM	68.5	63.2
12:20 PM - 12:25 PM	59.7	57.6	03:00 PM - 03:05 PM	61.8	58.0	05:40 PM - 05:45 PM	64.6	61.1
12:25 PM - 12:30 PM	60.6	57.9	03:05 PM - 03:10 PM	61.3	57.7	05:45 PM - 05:50 PM	66.7	60.7
12:30 PM - 12:35 PM	60.9	58.6	03:10 PM - 03:15 PM	60.6	57.8	05:50 PM - 05:55 PM	68.8	62.1
12:35 PM - 12:40 PM	61.0	58.2	03:15 PM - 03:20 PM	59.5	57.6	05:55 PM - 06:00 PM	63.5	59.7
12:40 PM - 12:45 PM	61.5	57.9	03:20 PM - 03:25 PM	60.0	57.9	06:00 PM - 06:05 PM	62.4	59.5
12:45 PM - 12:50 PM	60.3	58.0	03:25 PM - 03:30 PM	60.8	57.8	06:05 PM - 06:10 PM	64.7	60.9
12:50 PM - 12:55 PM	60.5	58.0	03:30 PM - 03:35 PM	60.9	57.7	06:10 PM - 06:15 PM	63.0	59.5
12:55 PM - 01:00 PM	59.2	57.7	03:35 PM - 03:40 PM	61.9	58.7	06:15 PM - 06:20 PM	64.7	59.3
01:00 PM - 01:05 PM	59.7	57.8	03:40 PM - 03:45 PM	60.4	57.8	06:20 PM - 06:25 PM	61.9	58.6
01:05 PM - 01:10 PM	59.6	57.9	03:45 PM - 03:50 PM	60.3	57.5	06:25 PM - 06:30 PM	62.0	58.9
01:10 PM - 01:15 PM	59.7	57.9	03:50 PM - 03:55 PM	60.1	58.0	06:30 PM - 06:35 PM	62.6	58.8
01:15 PM - 01:20 PM	60.0	57.9	03:55 PM - 04:00 PM	64.8	58.2	06:35 PM - 06:40 PM	65.4	60.8
01:20 PM - 01:25 PM	59.3	57.4	04:00 PM - 04:05 PM	61.0	58.1	06:40 PM - 06:45 PM	66.5	62.5
01:25 PM - 01:30 PM	60.2	57.9	04:05 PM - 04:10 PM	61.1	58.3	06:45 PM - 06:50 PM	64.4	59.3
01:30 PM - 01:35 PM	59.4	57.6	04:10 PM - 04:15 PM	62.1	58.1	06:50 PM - 06:55 PM	64.5	58.7
01:35 PM - 01:40 PM	59.3	57.4	04:15 PM - 04:20 PM	59.7	58.0	06:55 PM - 07:00 PM	66.1	59.3

Approved by

Sarayuth Jittrantont  
Assistant General Manager

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## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316622-1

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Sample Number 2242905-1  
Parameter Noise Level (Leq 5 min)  
Location รันวัดด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
Measurement Date May 05 - May 06, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 01022262

May 05, 2022	Leq	L90	May 05 - May 06, 2022	Leq	L90	May 06, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
07:00 PM - 07:05 PM	62.5	58.9	09:40 PM - 09:45 PM	61.4	59.1	12:20 AM - 12:25 AM	60.3	58.2
07:05 PM - 07:10 PM	64.3	60.4	09:45 PM - 09:50 PM	59.6	58.5	12:25 AM - 12:30 AM	57.3	56.4
07:10 PM - 07:15 PM	63.8	60.1	09:50 PM - 09:55 PM	68.9	62.4	12:30 AM - 12:35 AM	57.4	56.3
07:15 PM - 07:20 PM	64.0	60.4	09:55 PM - 10:00 PM	59.8	58.7	12:35 AM - 12:40 AM	57.5	55.8
07:20 PM - 07:25 PM	64.1	60.8	10:00 PM - 10:05 PM	59.8	58.6	12:40 AM - 12:45 AM	56.6	56.0
07:25 PM - 07:30 PM	63.9	61.2	10:05 PM - 10:10 PM	59.5	58.4	12:45 AM - 12:50 AM	57.5	56.3
07:30 PM - 07:35 PM	64.2	60.6	10:10 PM - 10:15 PM	65.3	58.5	12:50 AM - 12:55 AM	56.9	56.2
07:35 PM - 07:40 PM	69.5	62.6	10:15 PM - 10:20 PM	60.2	58.6	12:55 AM - 01:00 AM	58.0	56.7
07:40 PM - 07:45 PM	69.3	62.7	10:20 PM - 10:25 PM	59.3	58.4	01:00 AM - 01:05 AM	58.4	56.6
07:45 PM - 07:50 PM	67.0	61.3	10:25 PM - 10:30 PM	59.5	58.7	01:05 AM - 01:10 AM	61.1	57.2
07:50 PM - 07:55 PM	66.9	61.9	10:30 PM - 10:35 PM	60.7	58.7	01:10 AM - 01:15 AM	57.9	56.7
07:55 PM - 08:00 PM	65.3	60.5	10:35 PM - 10:40 PM	59.5	58.6	01:15 AM - 01:20 AM	58.6	56.9
08:00 PM - 08:05 PM	64.4	61.2	10:40 PM - 10:45 PM	59.3	58.6	01:20 AM - 01:25 AM	57.0	56.4
08:05 PM - 08:10 PM	67.1	63.2	10:45 PM - 10:50 PM	59.3	58.5	01:25 AM - 01:30 AM	57.3	56.4
08:10 PM - 08:15 PM	64.6	61.9	10:50 PM - 10:55 PM	59.6	58.7	01:30 AM - 01:35 AM	57.4	56.3
08:15 PM - 08:20 PM	67.5	61.1	10:55 PM - 11:00 PM	59.5	59.0	01:35 AM - 01:40 AM	56.9	56.2
08:20 PM - 08:25 PM	68.6	61.8	11:00 PM - 11:05 PM	60.1	59.0	01:40 AM - 01:45 AM	56.8	56.1
08:25 PM - 08:30 PM	67.7	59.7	11:05 PM - 11:10 PM	59.9	58.8	01:45 AM - 01:50 AM	57.0	56.1
08:30 PM - 08:35 PM	63.5	59.0	11:10 PM - 11:15 PM	59.1	58.3	01:50 AM - 01:55 AM	57.9	56.5
08:35 PM - 08:40 PM	65.5	61.5	11:15 PM - 11:20 PM	59.6	58.3	01:55 AM - 02:00 AM	57.3	55.9
08:40 PM - 08:45 PM	65.2	61.1	11:20 PM - 11:25 PM	59.9	58.8	02:00 AM - 02:05 AM	58.1	56.8
08:45 PM - 08:50 PM	65.0	59.6	11:25 PM - 11:30 PM	59.3	58.5	02:05 AM - 02:10 AM	57.5	56.4
08:50 PM - 08:55 PM	60.4	58.4	11:30 PM - 11:35 PM	59.4	58.6	02:10 AM - 02:15 AM	57.2	56.4
08:55 PM - 09:00 PM	61.0	58.7	11:35 PM - 11:40 PM	59.1	58.4	02:15 AM - 02:20 AM	57.2	56.1
09:00 PM - 09:05 PM	61.0	58.3	11:40 PM - 11:45 PM	59.1	58.4	02:20 AM - 02:25 AM	56.9	55.9
09:05 PM - 09:10 PM	66.5	58.6	11:45 PM - 11:50 PM	59.1	58.6	02:25 AM - 02:30 AM	56.8	55.8
09:10 PM - 09:15 PM	63.0	58.2	11:50 PM - 11:55 PM	59.3	58.6	02:30 AM - 02:35 AM	57.4	56.6
09:15 PM - 09:20 PM	61.1	58.8	11:55 PM - 12:00 AM	59.4	58.6	02:35 AM - 02:40 AM	57.2	56.2
09:20 PM - 09:25 PM	66.2	59.0	12:00 AM - 12:05 AM	59.1	57.8	02:40 AM - 02:45 AM	56.3	55.8
09:25 PM - 09:30 PM	65.5	58.4	12:05 AM - 12:10 AM	58.6	57.9	02:45 AM - 02:50 AM	57.0	56.2
09:30 PM - 09:35 PM	63.1	58.9	12:10 AM - 12:15 AM	59.1	57.9	02:50 AM - 02:55 AM	57.0	55.9
09:35 PM - 09:40 PM	66.3	60.2	12:15 AM - 12:20 AM	59.1	58.3	02:55 AM - 03:00 AM	56.5	55.9

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316622-1

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Sample Number : 2242905-1  
Parameter : Noise Level (Leq 5 min)  
Location : รันวัดด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
Measurement Date : May 05 - May 06, 2022  
Measurement by : Teeravut Sukdee  
Sound Level meter : Serial No. 01022262

May 06, 2022 Time	Leq dB(A)	L90 dB(A)	May 06, 2022 Time	Leq dB(A)	L90 dB(A)	May 06, 2022 Time	Leq dB(A)	L90 dB(A)
03:00 AM - 03:05 AM	57.0	56.1	05:40 AM - 05:45 AM	59.9	57.3	08:20 AM - 08:25 AM	69.2	63.6
03:05 AM - 03:10 AM	56.9	56.2	05:45 AM - 05:50 AM	59.1	57.1	08:25 AM - 08:30 AM	68.6	62.2
03:10 AM - 03:15 AM	56.0	55.5	05:50 AM - 05:55 AM	59.3	57.2	08:30 AM - 08:35 AM	66.1	59.1
03:15 AM - 03:20 AM	56.3	55.4	05:55 AM - 06:00 AM	58.2	56.3	08:35 AM - 08:40 AM	65.7	59.8
03:20 AM - 03:25 AM	56.3	55.6	06:00 AM - 06:05 AM	59.2	57.7	08:40 AM - 08:45 AM	64.5	58.3
03:25 AM - 03:30 AM	56.8	55.9	06:05 AM - 06:10 AM	60.7	57.9	08:45 AM - 08:50 AM	60.5	57.4
03:30 AM - 03:35 AM	56.7	55.8	06:10 AM - 06:15 AM	59.5	57.5	08:50 AM - 08:55 AM	61.3	57.5
03:35 AM - 03:40 AM	56.9	55.8	06:15 AM - 06:20 AM	58.7	56.9	08:55 AM - 09:00 AM	60.3	57.4
03:40 AM - 03:45 AM	56.8	56.0	06:20 AM - 06:25 AM	60.1	57.7	09:00 AM - 09:05 AM	59.6	57.3
03:45 AM - 03:50 AM	56.6	55.9	06:25 AM - 06:30 AM	60.5	57.5	09:05 AM - 09:10 AM	60.5	57.5
03:50 AM - 03:55 AM	57.1	55.8	06:30 AM - 06:35 AM	60.5	57.3	09:10 AM - 09:15 AM	60.8	57.4
03:55 AM - 04:00 AM	57.0	55.8	06:35 AM - 06:40 AM	66.6	59.7	09:15 AM - 09:20 AM	60.8	58.2
04:00 AM - 04:05 AM	56.4	55.8	06:40 AM - 06:45 AM	65.6	61.3	09:20 AM - 09:25 AM	61.6	58.8
04:05 AM - 04:10 AM	57.0	56.0	06:45 AM - 06:50 AM	63.7	59.3	09:25 AM - 09:30 AM	60.2	57.3
04:10 AM - 04:15 AM	56.7	56.0	06:50 AM - 06:55 AM	65.3	58.3	09:30 AM - 09:35 AM	61.4	58.4
04:15 AM - 04:20 AM	57.6	56.4	06:55 AM - 07:00 AM	64.4	58.2	09:35 AM - 09:40 AM	61.5	59.4
04:20 AM - 04:25 AM	57.2	56.0	07:00 AM - 07:05 AM	60.8	58.0	09:40 AM - 09:45 AM	62.2	59.4
04:25 AM - 04:30 AM	56.6	55.8	07:05 AM - 07:10 AM	62.4	58.9	09:45 AM - 09:50 AM	63.8	60.5
04:30 AM - 04:35 AM	56.8	56.1	07:10 AM - 07:15 AM	64.1	58.5	09:50 AM - 09:55 AM	64.0	60.6
04:35 AM - 04:40 AM	57.5	56.4	07:15 AM - 07:20 AM	65.7	60.4	09:55 AM - 10:00 AM	64.6	60.9
04:40 AM - 04:45 AM	60.1	57.2	07:20 AM - 07:25 AM	62.6	58.8	10:00 AM - 10:05 AM	61.8	58.6
04:45 AM - 04:50 AM	57.4	56.5	07:25 AM - 07:30 AM	63.3	59.4	10:05 AM - 10:10 AM	61.4	58.8
04:50 AM - 04:55 AM	57.7	56.8	07:30 AM - 07:35 AM	64.4	60.0	10:10 AM - 10:15 AM	60.3	58.3
04:55 AM - 05:00 AM	59.4	57.9	07:35 AM - 07:40 AM	67.2	60.8	10:15 AM - 10:20 AM	61.0	58.7
05:00 AM - 05:05 AM	58.8	56.5	07:40 AM - 07:45 AM	67.6	62.7	10:20 AM - 10:25 AM	60.6	58.8
05:05 AM - 05:10 AM	58.7	57.3	07:45 AM - 07:50 AM	67.6	62.8	10:25 AM - 10:30 AM	61.5	58.6
05:10 AM - 05:15 AM	60.0	57.7	07:50 AM - 07:55 AM	68.5	64.0	10:30 AM - 10:35 AM	61.3	58.6
05:15 AM - 05:20 AM	59.6	57.6	07:55 AM - 08:00 AM	66.1	63.2	10:35 AM - 10:40 AM	61.6	59.4
05:20 AM - 05:25 AM	58.4	56.8	08:00 AM - 08:05 AM	66.8	63.5	10:40 AM - 10:45 AM	60.8	58.5
05:25 AM - 05:30 AM	59.1	57.0	08:05 AM - 08:10 AM	67.0	63.8	10:45 AM - 10:50 AM	60.1	58.5
05:30 AM - 05:35 AM	60.3	57.1	08:10 AM - 08:15 AM	66.8	63.2	10:50 AM - 10:55 AM	60.8	58.6
05:35 AM - 05:40 AM	60.4	57.4	08:15 AM - 08:20 AM	67.1	62.6	10:55 AM - 11:00 AM	60.9	58.4

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpoin, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316623-1

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Sample Number 2242905-2  
Parameter Noise Level (Leq 5 min)  
Location ริมรั้วด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
Measurement Date May 06 - May 07, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 01022262

May 06, 2022 Time	Leq dB(A)	L90 dB(A)	May 06, 2022 Time	Leq dB(A)	L90 dB(A)	May 06, 2022 Time	Leq dB(A)	L90 dB(A)
11:00 AM - 11:05 AM	61.4	58.8	01:40 PM - 01:45 PM	59.8	58.1	04:20 PM - 04:25 PM	60.8	57.9
11:05 AM - 11:10 AM	60.4	58.5	01:45 PM - 01:50 PM	59.4	57.6	04:25 PM - 04:30 PM	59.5	57.7
11:10 AM - 11:15 AM	60.8	58.7	01:50 PM - 01:55 PM	59.9	57.6	04:30 PM - 04:35 PM	59.8	58.0
11:15 AM - 11:20 AM	60.6	58.7	01:55 PM - 02:00 PM	59.6	57.8	04:35 PM - 04:40 PM	61.3	58.1
11:20 AM - 11:25 AM	60.9	58.5	02:00 PM - 02:05 PM	61.4	58.2	04:40 PM - 04:45 PM	60.9	58.0
11:25 AM - 11:30 AM	61.6	58.3	02:05 PM - 02:10 PM	62.1	57.7	04:45 PM - 04:50 PM	60.1	58.3
11:30 AM - 11:35 AM	61.2	58.8	02:10 PM - 02:15 PM	60.1	58.1	04:50 PM - 04:55 PM	60.6	58.4
11:35 AM - 11:40 AM	61.1	58.5	02:15 PM - 02:20 PM	60.9	58.5	04:55 PM - 05:00 PM	62.4	58.8
11:40 AM - 11:45 AM	60.6	58.5	02:20 PM - 02:25 PM	60.4	58.2	05:00 PM - 05:05 PM	61.9	58.6
11:45 AM - 11:50 AM	60.3	58.3	02:25 PM - 02:30 PM	61.0	58.1	05:05 PM - 05:10 PM	65.5	58.9
11:50 AM - 11:55 AM	60.9	58.7	02:30 PM - 02:35 PM	60.6	58.3	05:10 PM - 05:15 PM	62.9	58.8
11:55 AM - 12:00 PM	59.5	58.1	02:35 PM - 02:40 PM	60.6	57.9	05:15 PM - 05:20 PM	61.6	58.4
12:00 PM - 12:05 PM	61.8	58.5	02:40 PM - 02:45 PM	59.9	57.9	05:20 PM - 05:25 PM	62.0	58.5
12:05 PM - 12:10 PM	61.7	58.6	02:45 PM - 02:50 PM	60.0	58.2	05:25 PM - 05:30 PM	63.7	59.7
12:10 PM - 12:15 PM	61.0	58.4	02:50 PM - 02:55 PM	61.3	58.4	05:30 PM - 05:35 PM	63.7	60.2
12:15 PM - 12:20 PM	61.7	58.5	02:55 PM - 03:00 PM	60.7	58.0	05:35 PM - 05:40 PM	66.0	63.3
12:20 PM - 12:25 PM	60.6	58.6	03:00 PM - 03:05 PM	60.5	58.2	05:40 PM - 05:45 PM	66.2	62.9
12:25 PM - 12:30 PM	60.5	58.4	03:05 PM - 03:10 PM	61.0	58.1	05:45 PM - 05:50 PM	66.7	60.4
12:30 PM - 12:35 PM	61.1	58.4	03:10 PM - 03:15 PM	59.7	57.8	05:50 PM - 05:55 PM	68.2	62.6
12:35 PM - 12:40 PM	62.0	58.5	03:15 PM - 03:20 PM	59.5	57.5	05:55 PM - 06:00 PM	62.3	59.1
12:40 PM - 12:45 PM	61.2	58.1	03:20 PM - 03:25 PM	59.3	57.4	06:00 PM - 06:05 PM	62.8	59.7
12:45 PM - 12:50 PM	60.4	58.0	03:25 PM - 03:30 PM	59.1	57.6	06:05 PM - 06:10 PM	64.0	59.6
12:50 PM - 12:55 PM	60.3	57.6	03:30 PM - 03:35 PM	65.1	57.6	06:10 PM - 06:15 PM	62.9	59.7
12:55 PM - 01:00 PM	60.4	57.8	03:35 PM - 03:40 PM	60.7	57.7	06:15 PM - 06:20 PM	65.9	59.4
01:00 PM - 01:05 PM	60.6	58.2	03:40 PM - 03:45 PM	61.3	58.1	06:20 PM - 06:25 PM	62.6	59.3
01:05 PM - 01:10 PM	60.2	58.6	03:45 PM - 03:50 PM	59.9	57.6	06:25 PM - 06:30 PM	61.5	58.2
01:10 PM - 01:15 PM	59.4	58.1	03:50 PM - 03:55 PM	59.8	57.7	06:30 PM - 06:35 PM	63.6	58.2
01:15 PM - 01:20 PM	60.0	58.0	03:55 PM - 04:00 PM	60.6	57.7	06:35 PM - 06:40 PM	65.7	60.5
01:20 PM - 01:25 PM	60.5	58.0	04:00 PM - 04:05 PM	59.8	57.5	06:40 PM - 06:45 PM	68.3	62.8
01:25 PM - 01:30 PM	59.9	58.1	04:05 PM - 04:10 PM	60.6	57.8	06:45 PM - 06:50 PM	64.8	61.1
01:30 PM - 01:35 PM	61.6	57.4	04:10 PM - 04:15 PM	58.7	57.6	06:50 PM - 06:55 PM	66.1	59.2
01:35 PM - 01:40 PM	60.6	57.9	04:15 PM - 04:20 PM	60.7	57.8	06:55 PM - 07:00 PM	64.5	59.7

Approved by

Sarayuth Jittrantont  
Assistant General Manager

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## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316623-1

Page 2 of 3

Sample Number 2242905-2  
Parameter Noise Level (Leq 5 min)  
Location รันวัดด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
Measurement Date May 06 - May 07, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 01022262

May 06, 2022	Leq	L90	May 06 - May 07, 2022	Leq	L90	May 07, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
07:00 PM - 07:05 PM	61.9	59.4	09:40 PM - 09:45 PM	59.8	58.1	12:20 AM - 12:25 AM	60.1	56.7
07:05 PM - 07:10 PM	64.2	60.8	09:45 PM - 09:50 PM	59.0	58.1	12:25 AM - 12:30 AM	57.5	56.6
07:10 PM - 07:15 PM	63.8	61.1	09:50 PM - 09:55 PM	68.4	62.7	12:30 AM - 12:35 AM	57.8	56.5
07:15 PM - 07:20 PM	64.4	61.6	09:55 PM - 10:00 PM	60.6	58.4	12:35 AM - 12:40 AM	57.0	56.0
07:20 PM - 07:25 PM	64.5	60.6	10:00 PM - 10:05 PM	59.6	58.4	12:40 AM - 12:45 AM	56.5	56.1
07:25 PM - 07:30 PM	62.6	60.4	10:05 PM - 10:10 PM	59.1	58.2	12:45 AM - 12:50 AM	57.0	56.2
07:30 PM - 07:35 PM	64.0	59.9	10:10 PM - 10:15 PM	58.8	57.9	12:50 AM - 12:55 AM	57.2	56.2
07:35 PM - 07:40 PM	66.7	62.4	10:15 PM - 10:20 PM	58.9	58.0	12:55 AM - 01:00 AM	56.6	56.2
07:40 PM - 07:45 PM	67.0	63.2	10:20 PM - 10:25 PM	59.0	58.0	01:00 AM - 01:05 AM	57.2	56.3
07:45 PM - 07:50 PM	66.9	61.1	10:25 PM - 10:30 PM	60.1	57.9	01:05 AM - 01:10 AM	60.9	57.4
07:50 PM - 07:55 PM	67.0	62.3	10:30 PM - 10:35 PM	60.2	58.0	01:10 AM - 01:15 AM	57.7	56.6
07:55 PM - 08:00 PM	66.3	61.5	10:35 PM - 10:40 PM	59.5	58.1	01:15 AM - 01:20 AM	57.7	56.7
08:00 PM - 08:05 PM	64.6	61.7	10:40 PM - 10:45 PM	59.3	58.3	01:20 AM - 01:25 AM	57.7	56.8
08:05 PM - 08:10 PM	66.5	62.8	10:45 PM - 10:50 PM	58.9	58.3	01:25 AM - 01:30 AM	57.1	56.6
08:10 PM - 08:15 PM	66.1	62.0	10:50 PM - 10:55 PM	59.1	58.4	01:30 AM - 01:35 AM	57.1	56.5
08:15 PM - 08:20 PM	65.5	61.4	10:55 PM - 11:00 PM	59.3	58.2	01:35 AM - 01:40 AM	57.4	56.5
08:20 PM - 08:25 PM	68.0	61.8	11:00 PM - 11:05 PM	59.0	58.3	01:40 AM - 01:45 AM	57.6	56.4
08:25 PM - 08:30 PM	67.1	60.8	11:05 PM - 11:10 PM	59.8	58.4	01:45 AM - 01:50 AM	57.3	56.4
08:30 PM - 08:35 PM	63.4	59.7	11:10 PM - 11:15 PM	59.1	58.2	01:50 AM - 01:55 AM	58.0	56.5
08:35 PM - 08:40 PM	64.3	61.6	11:15 PM - 11:20 PM	58.7	58.0	01:55 AM - 02:00 AM	57.2	56.5
08:40 PM - 08:45 PM	67.0	61.2	11:20 PM - 11:25 PM	58.4	57.7	02:00 AM - 02:05 AM	57.8	56.8
08:45 PM - 08:50 PM	63.6	59.2	11:25 PM - 11:30 PM	58.6	57.8	02:05 AM - 02:10 AM	57.7	56.7
08:50 PM - 08:55 PM	60.7	58.5	11:30 PM - 11:35 PM	58.5	57.8	02:10 AM - 02:15 AM	57.3	56.6
08:55 PM - 09:00 PM	59.7	58.2	11:35 PM - 11:40 PM	58.7	57.8	02:15 AM - 02:20 AM	57.5	56.6
09:00 PM - 09:05 PM	59.3	58.3	11:40 PM - 11:45 PM	58.3	57.8	02:20 AM - 02:25 AM	57.1	56.5
09:05 PM - 09:10 PM	61.9	58.5	11:45 PM - 11:50 PM	58.7	58.0	02:25 AM - 02:30 AM	57.2	56.4
09:10 PM - 09:15 PM	65.6	58.1	11:50 PM - 11:55 PM	58.4	58.0	02:30 AM - 02:35 AM	57.0	56.5
09:15 PM - 09:20 PM	59.9	57.9	11:55 PM - 12:00 AM	58.1	57.6	02:35 AM - 02:40 AM	56.9	56.5
09:20 PM - 09:25 PM	66.5	58.9	12:00 AM - 12:05 AM	57.9	57.1	02:40 AM - 02:45 AM	57.3	56.5
09:25 PM - 09:30 PM	65.4	58.5	12:05 AM - 12:10 AM	59.0	57.4	02:45 AM - 02:50 AM	56.9	56.4
09:30 PM - 09:35 PM	61.4	58.8	12:10 AM - 12:15 AM	58.2	57.5	02:50 AM - 02:55 AM	56.8	56.4
09:35 PM - 09:40 PM	67.2	60.2	12:15 AM - 12:20 AM	58.4	57.7	02:55 AM - 03:00 AM	57.4	56.6

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpoin, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2242905

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316623-1

Page 3 of 3

Sample Number 2242905-2  
Parameter Noise Level (Leq 5 min)  
Location รันวัดด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
Measurement Date May 06 - May 07, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 01022262

May 07, 2022 Time	Leq dB(A)	L90 dB(A)	May 07, 2022 Time	Leq dB(A)	L90 dB(A)	May 07, 2022 Time	Leq dB(A)	L90 dB(A)
03:00 AM - 03:05 AM	57.2	56.6	05:40 AM - 05:45 AM	62.4	58.9	08:20 AM - 08:25 AM	68.6	62.0
03:05 AM - 03:10 AM	57.0	56.6	05:45 AM - 05:50 AM	59.5	58.0	08:25 AM - 08:30 AM	69.3	61.6
03:10 AM - 03:15 AM	57.0	56.6	05:50 AM - 05:55 AM	60.6	57.9	08:30 AM - 08:35 AM	65.9	59.3
03:15 AM - 03:20 AM	57.8	56.7	05:55 AM - 06:00 AM	61.1	58.0	08:35 AM - 08:40 AM	65.1	59.6
03:20 AM - 03:25 AM	57.3	56.8	06:00 AM - 06:05 AM	61.8	58.3	08:40 AM - 08:45 AM	64.7	58.8
03:25 AM - 03:30 AM	57.5	56.9	06:05 AM - 06:10 AM	59.8	58.0	08:45 AM - 08:50 AM	61.8	58.5
03:30 AM - 03:35 AM	57.6	57.0	06:10 AM - 06:15 AM	59.3	57.7	08:50 AM - 08:55 AM	61.3	58.1
03:35 AM - 03:40 AM	57.7	57.1	06:15 AM - 06:20 AM	59.5	57.6	08:55 AM - 09:00 AM	62.1	58.9
03:40 AM - 03:45 AM	57.8	57.1	06:20 AM - 06:25 AM	59.6	57.6	09:00 AM - 09:05 AM	62.2	58.1
03:45 AM - 03:50 AM	57.7	57.1	06:25 AM - 06:30 AM	60.3	57.8	09:05 AM - 09:10 AM	62.3	58.5
03:50 AM - 03:55 AM	57.8	57.0	06:30 AM - 06:35 AM	59.9	57.6	09:10 AM - 09:15 AM	59.3	57.6
03:55 AM - 04:00 AM	57.6	57.2	06:35 AM - 06:40 AM	66.1	61.0	09:15 AM - 09:20 AM	61.3	57.7
04:00 AM - 04:05 AM	57.8	57.2	06:40 AM - 06:45 AM	66.3	61.7	09:20 AM - 09:25 AM	64.3	57.7
04:05 AM - 04:10 AM	58.0	57.2	06:45 AM - 06:50 AM	63.1	58.5	09:25 AM - 09:30 AM	62.6	57.7
04:10 AM - 04:15 AM	57.8	57.3	06:50 AM - 06:55 AM	66.9	59.8	09:30 AM - 09:35 AM	60.3	57.7
04:15 AM - 04:20 AM	57.8	57.2	06:55 AM - 07:00 AM	63.7	58.7	09:35 AM - 09:40 AM	59.6	57.4
04:20 AM - 04:25 AM	58.0	57.1	07:00 AM - 07:05 AM	62.4	58.2	09:40 AM - 09:45 AM	60.2	58.0
04:25 AM - 04:30 AM	58.0	57.3	07:05 AM - 07:10 AM	62.8	58.5	09:45 AM - 09:50 AM	59.7	57.7
04:30 AM - 04:35 AM	58.5	57.4	07:10 AM - 07:15 AM	63.7	58.6	09:50 AM - 09:55 AM	59.7	57.4
04:35 AM - 04:40 AM	58.9	57.5	07:15 AM - 07:20 AM	65.0	59.6	09:55 AM - 10:00 AM	60.9	57.7
04:40 AM - 04:45 AM	60.6	57.5	07:20 AM - 07:25 AM	64.5	58.5	10:00 AM - 10:05 AM	60.5	58.3
04:45 AM - 04:50 AM	59.0	57.6	07:25 AM - 07:30 AM	63.1	59.1	10:05 AM - 10:10 AM	61.3	58.9
04:50 AM - 04:55 AM	59.1	57.6	07:30 AM - 07:35 AM	63.2	58.8	10:10 AM - 10:15 AM	59.5	58.6
04:55 AM - 05:00 AM	59.1	57.7	07:35 AM - 07:40 AM	67.1	61.9	10:15 AM - 10:20 AM	60.8	58.2
05:00 AM - 05:05 AM	59.6	57.8	07:40 AM - 07:45 AM	67.9	62.6	10:20 AM - 10:25 AM	59.6	58.3
05:05 AM - 05:10 AM	60.5	57.9	07:45 AM - 07:50 AM	67.4	61.3	10:25 AM - 10:30 AM	59.6	58.3
05:10 AM - 05:15 AM	61.0	57.8	07:50 AM - 07:55 AM	67.3	64.2	10:30 AM - 10:35 AM	59.9	58.6
05:15 AM - 05:20 AM	60.4	58.0	07:55 AM - 08:00 AM	68.2	65.3	10:35 AM - 10:40 AM	62.6	58.7
05:20 AM - 05:25 AM	61.4	58.3	08:00 AM - 08:05 AM	67.5	65.0	10:40 AM - 10:45 AM	59.8	58.7
05:25 AM - 05:30 AM	60.7	58.1	08:05 AM - 08:10 AM	67.2	64.4	10:45 AM - 10:50 AM	61.0	58.5
05:30 AM - 05:35 AM	62.0	58.4	08:10 AM - 08:15 AM	67.6	63.6	10:50 AM - 10:55 AM	59.3	58.2
05:35 AM - 05:40 AM	62.7	59.0	08:15 AM - 08:20 AM	68.3	63.1	10:55 AM - 11:00 AM	60.2	58.6

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316624-1

Page 1 of 3

Sample Number 2242905-3  
Parameter Noise Level (Leq 5 min)  
Location ริมรั้วด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
Measurement Date May 07 - May 08, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 01022262

May 07, 2022 Time	Leq dB(A)	L90 dB(A)	May 07, 2022 Time	Leq dB(A)	L90 dB(A)	May 07, 2022 Time	Leq dB(A)	L90 dB(A)
11:00 AM - 11:05 AM	61.9	58.3	01:40 PM - 01:45 PM	60.4	59.3	04:20 PM - 04:25 PM	61.2	58.8
11:05 AM - 11:10 AM	60.1	57.7	01:45 PM - 01:50 PM	60.7	59.3	04:25 PM - 04:30 PM	60.4	58.9
11:10 AM - 11:15 AM	59.7	58.2	01:50 PM - 01:55 PM	60.7	59.6	04:30 PM - 04:35 PM	61.6	58.8
11:15 AM - 11:20 AM	60.7	58.6	01:55 PM - 02:00 PM	60.4	59.2	04:35 PM - 04:40 PM	61.8	58.6
11:20 AM - 11:25 AM	59.7	58.7	02:00 PM - 02:05 PM	60.5	59.3	04:40 PM - 04:45 PM	62.5	58.7
11:25 AM - 11:30 AM	60.6	58.7	02:05 PM - 02:10 PM	60.4	59.2	04:45 PM - 04:50 PM	62.7	58.9
11:30 AM - 11:35 AM	59.8	58.6	02:10 PM - 02:15 PM	60.2	59.2	04:50 PM - 04:55 PM	61.9	58.6
11:35 AM - 11:40 AM	61.1	58.9	02:15 PM - 02:20 PM	60.3	59.1	04:55 PM - 05:00 PM	62.6	58.7
11:40 AM - 11:45 AM	60.4	58.4	02:20 PM - 02:25 PM	59.9	58.8	05:00 PM - 05:05 PM	61.2	58.8
11:45 AM - 11:50 AM	60.8	57.8	02:25 PM - 02:30 PM	61.2	59.5	05:05 PM - 05:10 PM	63.9	59.8
11:50 AM - 11:55 AM	60.1	57.8	02:30 PM - 02:35 PM	61.8	60.2	05:10 PM - 05:15 PM	61.3	59.3
11:55 AM - 12:00 PM	58.9	57.7	02:35 PM - 02:40 PM	61.6	60.2	05:15 PM - 05:20 PM	62.1	59.7
12:00 PM - 12:05 PM	60.5	57.9	02:40 PM - 02:45 PM	62.1	60.7	05:20 PM - 05:25 PM	62.9	59.4
12:05 PM - 12:10 PM	59.7	58.1	02:45 PM - 02:50 PM	61.3	59.9	05:25 PM - 05:30 PM	62.3	58.9
12:10 PM - 12:15 PM	60.7	57.7	02:50 PM - 02:55 PM	64.4	61.6	05:30 PM - 05:35 PM	64.4	59.9
12:15 PM - 12:20 PM	59.3	57.3	02:55 PM - 03:00 PM	63.4	61.2	05:35 PM - 05:40 PM	66.7	63.4
12:20 PM - 12:25 PM	59.8	57.0	03:00 PM - 03:05 PM	62.7	60.6	05:40 PM - 05:45 PM	67.7	64.7
12:25 PM - 12:30 PM	58.7	56.5	03:05 PM - 03:10 PM	61.2	59.9	05:45 PM - 05:50 PM	67.2	64.0
12:30 PM - 12:35 PM	59.0	57.5	03:10 PM - 03:15 PM	61.5	59.3	05:50 PM - 05:55 PM	68.2	63.5
12:35 PM - 12:40 PM	60.8	58.0	03:15 PM - 03:20 PM	60.6	59.0	05:55 PM - 06:00 PM	67.2	59.3
12:40 PM - 12:45 PM	60.8	57.9	03:20 PM - 03:25 PM	60.6	58.5	06:00 PM - 06:05 PM	61.8	59.3
12:45 PM - 12:50 PM	61.7	58.3	03:25 PM - 03:30 PM	61.9	58.3	06:05 PM - 06:10 PM	63.3	59.9
12:50 PM - 12:55 PM	59.5	57.6	03:30 PM - 03:35 PM	60.0	58.1	06:10 PM - 06:15 PM	65.1	61.4
12:55 PM - 01:00 PM	59.9	58.3	03:35 PM - 03:40 PM	64.7	58.6	06:15 PM - 06:20 PM	63.9	59.9
01:00 PM - 01:05 PM	59.6	57.4	03:40 PM - 03:45 PM	61.1	58.5	06:20 PM - 06:25 PM	65.1	59.7
01:05 PM - 01:10 PM	59.0	56.8	03:45 PM - 03:50 PM	62.8	58.5	06:25 PM - 06:30 PM	61.8	58.9
01:10 PM - 01:15 PM	58.4	56.7	03:50 PM - 03:55 PM	61.6	58.5	06:30 PM - 06:35 PM	61.0	58.9
01:15 PM - 01:20 PM	59.4	57.2	03:55 PM - 04:00 PM	62.0	58.7	06:35 PM - 06:40 PM	63.6	59.1
01:20 PM - 01:25 PM	60.6	58.6	04:00 PM - 04:05 PM	61.2	58.7	06:40 PM - 06:45 PM	68.0	61.1
01:25 PM - 01:30 PM	61.0	59.7	04:05 PM - 04:10 PM	62.0	59.0	06:45 PM - 06:50 PM	66.0	61.7
01:30 PM - 01:35 PM	61.0	60.0	04:10 PM - 04:15 PM	60.5	58.8	06:50 PM - 06:55 PM	65.9	60.5
01:35 PM - 01:40 PM	61.1	60.0	04:15 PM - 04:20 PM	61.0	58.8	06:55 PM - 07:00 PM	66.4	62.3

Approved by

Sarayuth Jittrantont  
Assistant General Manager

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## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2242905

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316624-1

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Sample Number 2242905-3  
Parameter Noise Level (Leq 5 min)  
Location รันวัดด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
Measurement Date May 07 - May 08, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 01022262

May 07, 2022	Leq	L90	May 07 - May 08, 2022	Leq	L90	May 08, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
07:00 PM - 07:05 PM	61.8	58.9	09:40 PM - 09:45 PM	60.2	58.6	12:20 AM - 12:25 AM	58.8	56.3
07:05 PM - 07:10 PM	62.1	59.7	09:45 PM - 09:50 PM	66.0	58.6	12:25 AM - 12:30 AM	57.2	56.1
07:10 PM - 07:15 PM	63.8	60.4	09:50 PM - 09:55 PM	66.9	58.7	12:30 AM - 12:35 AM	56.6	56.0
07:15 PM - 07:20 PM	64.3	60.2	09:55 PM - 10:00 PM	60.3	58.3	12:35 AM - 12:40 AM	56.7	56.3
07:20 PM - 07:25 PM	64.4	60.3	10:00 PM - 10:05 PM	59.3	58.4	12:40 AM - 12:45 AM	57.2	56.4
07:25 PM - 07:30 PM	64.0	60.0	10:05 PM - 10:10 PM	59.2	58.4	12:45 AM - 12:50 AM	57.1	56.6
07:30 PM - 07:35 PM	62.5	59.9	10:10 PM - 10:15 PM	59.3	58.5	12:50 AM - 12:55 AM	57.8	56.8
07:35 PM - 07:40 PM	65.4	61.3	10:15 PM - 10:20 PM	59.6	58.3	12:55 AM - 01:00 AM	58.0	57.0
07:40 PM - 07:45 PM	67.6	61.8	10:20 PM - 10:25 PM	58.9	58.3	01:00 AM - 01:05 AM	59.6	57.6
07:45 PM - 07:50 PM	67.1	61.9	10:25 PM - 10:30 PM	58.9	58.4	01:05 AM - 01:10 AM	59.0	57.6
07:50 PM - 07:55 PM	67.9	61.3	10:30 PM - 10:35 PM	61.0	58.2	01:10 AM - 01:15 AM	58.6	57.5
07:55 PM - 08:00 PM	66.7	60.9	10:35 PM - 10:40 PM	58.8	57.8	01:15 AM - 01:20 AM	57.8	57.1
08:00 PM - 08:05 PM	65.9	62.4	10:40 PM - 10:45 PM	58.6	57.8	01:20 AM - 01:25 AM	57.3	56.9
08:05 PM - 08:10 PM	66.5	62.7	10:45 PM - 10:50 PM	58.8	58.0	01:25 AM - 01:30 AM	57.5	56.8
08:10 PM - 08:15 PM	66.1	59.7	10:50 PM - 10:55 PM	58.4	57.9	01:30 AM - 01:35 AM	57.6	57.0
08:15 PM - 08:20 PM	69.1	60.9	10:55 PM - 11:00 PM	58.5	57.9	01:35 AM - 01:40 AM	57.5	57.0
08:20 PM - 08:25 PM	68.9	63.8	11:00 PM - 11:05 PM	59.0	57.9	01:40 AM - 01:45 AM	57.7	56.7
08:25 PM - 08:30 PM	63.0	58.6	11:05 PM - 11:10 PM	58.7	58.0	01:45 AM - 01:50 AM	57.6	57.0
08:30 PM - 08:35 PM	63.7	59.5	11:10 PM - 11:15 PM	58.7	58.0	01:50 AM - 01:55 AM	57.9	57.2
08:35 PM - 08:40 PM	66.0	60.5	11:15 PM - 11:20 PM	58.5	58.0	01:55 AM - 02:00 AM	58.0	57.0
08:40 PM - 08:45 PM	65.1	60.8	11:20 PM - 11:25 PM	58.7	58.1	02:00 AM - 02:05 AM	57.5	57.0
08:45 PM - 08:50 PM	64.3	58.7	11:25 PM - 11:30 PM	58.5	57.9	02:05 AM - 02:10 AM	57.4	56.9
08:50 PM - 08:55 PM	61.5	58.7	11:30 PM - 11:35 PM	59.0	58.1	02:10 AM - 02:15 AM	57.9	57.1
08:55 PM - 09:00 PM	60.8	58.6	11:35 PM - 11:40 PM	59.1	58.1	02:15 AM - 02:20 AM	57.5	56.9
09:00 PM - 09:05 PM	60.0	58.4	11:40 PM - 11:45 PM	58.7	58.2	02:20 AM - 02:25 AM	57.4	56.8
09:05 PM - 09:10 PM	59.6	58.5	11:45 PM - 11:50 PM	58.8	58.2	02:25 AM - 02:30 AM	57.5	56.6
09:10 PM - 09:15 PM	59.9	58.6	11:50 PM - 11:55 PM	59.1	58.4	02:30 AM - 02:35 AM	57.5	56.8
09:15 PM - 09:20 PM	63.7	58.8	11:55 PM - 12:00 AM	58.2	57.6	02:35 AM - 02:40 AM	57.5	57.0
09:20 PM - 09:25 PM	60.8	58.8	12:00 AM - 12:05 AM	58.2	57.7	02:40 AM - 02:45 AM	57.6	57.0
09:25 PM - 09:30 PM	61.3	58.8	12:05 AM - 12:10 AM	58.6	57.6	02:45 AM - 02:50 AM	58.6	57.2
09:30 PM - 09:35 PM	63.2	59.0	12:10 AM - 12:15 AM	59.4	57.6	02:50 AM - 02:55 AM	57.7	57.2
09:35 PM - 09:40 PM	62.5	58.4	12:15 AM - 12:20 AM	59.9	57.9	02:55 AM - 03:00 AM	57.5	57.0

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316624-1

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Sample Number 2242905-3  
Parameter Noise Level (Leq 5 min)  
Location รันวัดด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
Measurement Date May 07 - May 08, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 01022262

May 08, 2022 Time	Leq dB(A)	L90 dB(A)	May 08, 2022 Time	Leq dB(A)	L90 dB(A)	May 08, 2022 Time	Leq dB(A)	L90 dB(A)
03:00 AM - 03:05 AM	57.8	57.0	05:40 AM - 05:45 AM	61.4	57.9	08:20 AM - 08:25 AM	60.7	57.3
03:05 AM - 03:10 AM	57.5	57.0	05:45 AM - 05:50 AM	59.5	57.8	08:25 AM - 08:30 AM	59.5	57.3
03:10 AM - 03:15 AM	57.6	57.1	05:50 AM - 05:55 AM	58.8	57.6	08:30 AM - 08:35 AM	63.2	58.4
03:15 AM - 03:20 AM	57.9	57.1	05:55 AM - 06:00 AM	58.9	57.8	08:35 AM - 08:40 AM	64.1	59.5
03:20 AM - 03:25 AM	57.5	57.0	06:00 AM - 06:05 AM	58.8	57.8	08:40 AM - 08:45 AM	62.8	57.4
03:25 AM - 03:30 AM	57.6	57.1	06:05 AM - 06:10 AM	59.2	57.7	08:45 AM - 08:50 AM	63.7	57.8
03:30 AM - 03:35 AM	58.0	57.0	06:10 AM - 06:15 AM	60.1	57.7	08:50 AM - 08:55 AM	59.4	57.4
03:35 AM - 03:40 AM	58.9	57.1	06:15 AM - 06:20 AM	59.6	57.8	08:55 AM - 09:00 AM	58.7	57.4
03:40 AM - 03:45 AM	58.0	56.9	06:20 AM - 06:25 AM	59.2	57.6	09:00 AM - 09:05 AM	60.4	57.5
03:45 AM - 03:50 AM	58.6	57.1	06:25 AM - 06:30 AM	59.4	57.6	09:05 AM - 09:10 AM	59.5	57.4
03:50 AM - 03:55 AM	58.6	57.4	06:30 AM - 06:35 AM	62.6	58.0	09:10 AM - 09:15 AM	59.2	57.5
03:55 AM - 04:00 AM	57.8	57.1	06:35 AM - 06:40 AM	65.3	61.2	09:15 AM - 09:20 AM	58.3	57.4
04:00 AM - 04:05 AM	57.8	57.0	06:40 AM - 06:45 AM	64.7	61.8	09:20 AM - 09:25 AM	59.6	57.6
04:05 AM - 04:10 AM	58.0	57.1	06:45 AM - 06:50 AM	64.6	61.0	09:25 AM - 09:30 AM	59.1	57.5
04:10 AM - 04:15 AM	58.1	57.0	06:50 AM - 06:55 AM	66.9	61.4	09:30 AM - 09:35 AM	58.9	57.7
04:15 AM - 04:20 AM	57.9	57.0	06:55 AM - 07:00 AM	61.9	57.5	09:35 AM - 09:40 AM	59.2	57.5
04:20 AM - 04:25 AM	58.8	57.4	07:00 AM - 07:05 AM	61.2	58.0	09:40 AM - 09:45 AM	58.6	57.2
04:25 AM - 04:30 AM	58.3	57.1	07:05 AM - 07:10 AM	62.3	58.0	09:45 AM - 09:50 AM	58.2	57.1
04:30 AM - 04:35 AM	58.6	56.8	07:10 AM - 07:15 AM	61.9	58.2	09:50 AM - 09:55 AM	58.6	57.1
04:35 AM - 04:40 AM	59.0	56.8	07:15 AM - 07:20 AM	59.9	57.6	09:55 AM - 10:00 AM	58.9	56.9
04:40 AM - 04:45 AM	59.6	57.2	07:20 AM - 07:25 AM	60.0	57.7	10:00 AM - 10:05 AM	59.3	57.3
04:45 AM - 04:50 AM	59.6	57.6	07:25 AM - 07:30 AM	59.8	57.4	10:05 AM - 10:10 AM	59.2	57.0
04:50 AM - 04:55 AM	59.8	57.7	07:30 AM - 07:35 AM	64.0	58.7	10:10 AM - 10:15 AM	59.6	57.3
04:55 AM - 05:00 AM	58.9	57.7	07:35 AM - 07:40 AM	67.0	61.9	10:15 AM - 10:20 AM	57.6	56.8
05:00 AM - 05:05 AM	59.2	57.6	07:40 AM - 07:45 AM	67.7	62.4	10:20 AM - 10:25 AM	58.1	57.3
05:05 AM - 05:10 AM	60.0	57.9	07:45 AM - 07:50 AM	67.3	59.0	10:25 AM - 10:30 AM	60.2	57.1
05:10 AM - 05:15 AM	59.8	58.0	07:50 AM - 07:55 AM	64.5	58.5	10:30 AM - 10:35 AM	61.8	57.8
05:15 AM - 05:20 AM	59.1	57.9	07:55 AM - 08:00 AM	59.2	57.6	10:35 AM - 10:40 AM	58.8	57.5
05:20 AM - 05:25 AM	59.3	57.8	08:00 AM - 08:05 AM	62.2	58.6	10:40 AM - 10:45 AM	59.8	57.7
05:25 AM - 05:30 AM	58.9	57.6	08:05 AM - 08:10 AM	61.8	58.5	10:45 AM - 10:50 AM	60.5	58.8
05:30 AM - 05:35 AM	61.2	58.1	08:10 AM - 08:15 AM	64.4	58.6	10:50 AM - 10:55 AM	61.8	58.1
05:35 AM - 05:40 AM	61.0	58.0	08:15 AM - 08:20 AM	62.6	58.0	10:55 AM - 11:00 AM	63.2	58.9

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpoin, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316625-1

Page 1 of 3

Sample Number 2242905-4  
Parameter Noise Level (Leq 5 min)  
Location ริมรั้วด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
Measurement Date May 08 - May 09, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 01022262

May 08, 2022 Time	Leq dB(A)	L90 dB(A)	May 08, 2022 Time	Leq dB(A)	L90 dB(A)	May 08, 2022 Time	Leq dB(A)	L90 dB(A)
11:00 AM - 11:05 AM	61.7	59.7	01:40 PM - 01:45 PM	58.7	57.0	04:20 PM - 04:25 PM	61.1	57.8
11:05 AM - 11:10 AM	60.9	58.1	01:45 PM - 01:50 PM	61.3	58.1	04:25 PM - 04:30 PM	58.9	57.7
11:10 AM - 11:15 AM	65.4	58.7	01:50 PM - 01:55 PM	60.3	57.9	04:30 PM - 04:35 PM	59.5	57.5
11:15 AM - 11:20 AM	61.7	58.2	01:55 PM - 02:00 PM	57.7	56.9	04:35 PM - 04:40 PM	59.6	57.7
11:20 AM - 11:25 AM	63.3	60.2	02:00 PM - 02:05 PM	63.8	58.1	04:40 PM - 04:45 PM	58.5	57.2
11:25 AM - 11:30 AM	58.8	57.2	02:05 PM - 02:10 PM	64.5	58.9	04:45 PM - 04:50 PM	59.2	57.0
11:30 AM - 11:35 AM	61.6	59.1	02:10 PM - 02:15 PM	60.3	58.0	04:50 PM - 04:55 PM	59.9	58.5
11:35 AM - 11:40 AM	59.5	57.4	02:15 PM - 02:20 PM	58.2	56.9	04:55 PM - 05:00 PM	62.6	58.0
11:40 AM - 11:45 AM	58.6	57.6	02:20 PM - 02:25 PM	59.8	57.8	05:00 PM - 05:05 PM	61.8	58.0
11:45 AM - 11:50 AM	62.3	59.1	02:25 PM - 02:30 PM	59.2	57.8	05:05 PM - 05:10 PM	61.2	57.9
11:50 AM - 11:55 AM	60.2	58.4	02:30 PM - 02:35 PM	60.5	57.3	05:10 PM - 05:15 PM	60.0	57.4
11:55 AM - 12:00 PM	62.1	58.4	02:35 PM - 02:40 PM	60.1	57.6	05:15 PM - 05:20 PM	61.7	57.7
12:00 PM - 12:05 PM	58.2	56.9	02:40 PM - 02:45 PM	60.5	58.2	05:20 PM - 05:25 PM	64.6	58.1
12:05 PM - 12:10 PM	61.2	57.6	02:45 PM - 02:50 PM	59.3	56.9	05:25 PM - 05:30 PM	59.6	58.0
12:10 PM - 12:15 PM	61.3	57.4	02:50 PM - 02:55 PM	60.1	57.9	05:30 PM - 05:35 PM	59.3	57.2
12:15 PM - 12:20 PM	61.8	58.4	02:55 PM - 03:00 PM	59.0	57.4	05:35 PM - 05:40 PM	58.9	57.6
12:20 PM - 12:25 PM	61.7	57.8	03:00 PM - 03:05 PM	59.1	56.6	05:40 PM - 05:45 PM	65.4	57.5
12:25 PM - 12:30 PM	62.2	57.7	03:05 PM - 03:10 PM	58.9	56.9	05:45 PM - 05:50 PM	59.8	57.0
12:30 PM - 12:35 PM	61.8	58.7	03:10 PM - 03:15 PM	59.9	58.0	05:50 PM - 05:55 PM	59.1	57.7
12:35 PM - 12:40 PM	61.3	58.7	03:15 PM - 03:20 PM	62.1	57.8	05:55 PM - 06:00 PM	62.9	57.6
12:40 PM - 12:45 PM	60.9	58.8	03:20 PM - 03:25 PM	63.8	58.8	06:00 PM - 06:05 PM	60.1	57.5
12:45 PM - 12:50 PM	61.7	58.2	03:25 PM - 03:30 PM	59.9	57.3	06:05 PM - 06:10 PM	59.7	58.3
12:50 PM - 12:55 PM	58.4	56.9	03:30 PM - 03:35 PM	64.2	60.1	06:10 PM - 06:15 PM	59.7	57.2
12:55 PM - 01:00 PM	60.4	57.6	03:35 PM - 03:40 PM	58.6	56.9	06:15 PM - 06:20 PM	62.0	58.3
01:00 PM - 01:05 PM	59.8	58.0	03:40 PM - 03:45 PM	61.9	58.5	06:20 PM - 06:25 PM	64.5	59.7
01:05 PM - 01:10 PM	63.6	59.3	03:45 PM - 03:50 PM	62.1	57.9	06:25 PM - 06:30 PM	59.4	57.9
01:10 PM - 01:15 PM	59.4	57.7	03:50 PM - 03:55 PM	61.1	57.4	06:30 PM - 06:35 PM	61.5	57.9
01:15 PM - 01:20 PM	61.3	58.6	03:55 PM - 04:00 PM	60.8	57.6	06:35 PM - 06:40 PM	59.5	57.0
01:20 PM - 01:25 PM	62.3	57.1	04:00 PM - 04:05 PM	61.4	58.0	06:40 PM - 06:45 PM	61.3	57.6
01:25 PM - 01:30 PM	60.0	58.0	04:05 PM - 04:10 PM	61.2	58.2	06:45 PM - 06:50 PM	61.3	58.4
01:30 PM - 01:35 PM	60.6	58.2	04:10 PM - 04:15 PM	59.6	57.0	06:50 PM - 06:55 PM	58.6	57.4
01:35 PM - 01:40 PM	60.0	57.9	04:15 PM - 04:20 PM	60.8	57.2	06:55 PM - 07:00 PM	59.0	57.2

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316625-1

Page 2 of 3

Sample Number 2242905-4  
Parameter Noise Level (Leq 5 min)  
Location รันวัดด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
Measurement Date May 08 - May 09, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 01022262

May 08, 2022	Leq	L90	May 08 - May 09, 2022	Leq	L90	May 09, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
07:00 PM - 07:05 PM	61.2	58.1	09:40 PM - 09:45 PM	61.0	58.5	12:20 AM - 12:25 AM	60.1	57.8
07:05 PM - 07:10 PM	60.2	58.7	09:45 PM - 09:50 PM	62.0	57.9	12:25 AM - 12:30 AM	59.1	57.5
07:10 PM - 07:15 PM	66.8	58.7	09:50 PM - 09:55 PM	61.9	58.7	12:30 AM - 12:35 AM	59.3	57.6
07:15 PM - 07:20 PM	61.3	58.3	09:55 PM - 10:00 PM	62.3	59.1	12:35 AM - 12:40 AM	60.7	57.8
07:20 PM - 07:25 PM	59.1	58.1	10:00 PM - 10:05 PM	61.9	59.6	12:40 AM - 12:45 AM	60.1	58.4
07:25 PM - 07:30 PM	59.3	58.2	10:05 PM - 10:10 PM	61.5	59.2	12:45 AM - 12:50 AM	59.7	58.3
07:30 PM - 07:35 PM	59.8	58.0	10:10 PM - 10:15 PM	60.6	58.7	12:50 AM - 12:55 AM	60.1	58.2
07:35 PM - 07:40 PM	61.4	58.6	10:15 PM - 10:20 PM	61.1	58.6	12:55 AM - 01:00 AM	59.9	58.1
07:40 PM - 07:45 PM	60.3	58.4	10:20 PM - 10:25 PM	60.9	58.4	01:00 AM - 01:05 AM	59.3	58.2
07:45 PM - 07:50 PM	61.7	58.3	10:25 PM - 10:30 PM	59.8	57.2	01:05 AM - 01:10 AM	60.4	58.6
07:50 PM - 07:55 PM	60.3	58.9	10:30 PM - 10:35 PM	58.9	57.6	01:10 AM - 01:15 AM	59.2	57.9
07:55 PM - 08:00 PM	58.9	57.4	10:35 PM - 10:40 PM	61.1	58.5	01:15 AM - 01:20 AM	59.7	58.1
08:00 PM - 08:05 PM	60.6	57.8	10:40 PM - 10:45 PM	59.9	58.7	01:20 AM - 01:25 AM	59.3	58.5
08:05 PM - 08:10 PM	61.0	58.6	10:45 PM - 10:50 PM	61.4	58.6	01:25 AM - 01:30 AM	60.1	58.4
08:10 PM - 08:15 PM	59.5	58.0	10:50 PM - 10:55 PM	60.0	58.1	01:30 AM - 01:35 AM	59.2	58.2
08:15 PM - 08:20 PM	59.2	57.7	10:55 PM - 11:00 PM	61.0	58.8	01:35 AM - 01:40 AM	59.3	58.1
08:20 PM - 08:25 PM	63.5	57.8	11:00 PM - 11:05 PM	61.6	58.6	01:40 AM - 01:45 AM	58.2	57.6
08:25 PM - 08:30 PM	60.9	59.1	11:05 PM - 11:10 PM	65.5	58.4	01:45 AM - 01:50 AM	59.6	58.4
08:30 PM - 08:35 PM	59.9	58.1	11:10 PM - 11:15 PM	61.3	58.0	01:50 AM - 01:55 AM	65.3	58.0
08:35 PM - 08:40 PM	61.6	57.3	11:15 PM - 11:20 PM	60.7	57.1	01:55 AM - 02:00 AM	65.8	59.2
08:40 PM - 08:45 PM	60.1	57.6	11:20 PM - 11:25 PM	61.1	58.8	02:00 AM - 02:05 AM	59.5	57.5
08:45 PM - 08:50 PM	61.0	58.2	11:25 PM - 11:30 PM	58.9	57.8	02:05 AM - 02:10 AM	60.3	57.5
08:50 PM - 08:55 PM	61.4	59.2	11:30 PM - 11:35 PM	59.0	58.0	02:10 AM - 02:15 AM	61.8	58.5
08:55 PM - 09:00 PM	62.6	58.1	11:35 PM - 11:40 PM	59.8	58.4	02:15 AM - 02:20 AM	60.7	58.4
09:00 PM - 09:05 PM	62.5	57.5	11:40 PM - 11:45 PM	59.8	58.0	02:20 AM - 02:25 AM	59.5	58.4
09:05 PM - 09:10 PM	59.6	57.2	11:45 PM - 11:50 PM	60.2	57.7	02:25 AM - 02:30 AM	59.7	58.0
09:10 PM - 09:15 PM	61.5	58.0	11:50 PM - 11:55 PM	60.3	57.6	02:30 AM - 02:35 AM	60.5	58.3
09:15 PM - 09:20 PM	60.7	58.6	11:55 PM - 12:00 AM	59.3	57.8	02:35 AM - 02:40 AM	60.8	58.9
09:20 PM - 09:25 PM	61.9	58.3	12:00 AM - 12:05 AM	60.8	59.0	02:40 AM - 02:45 AM	59.5	57.7
09:25 PM - 09:30 PM	61.0	58.1	12:05 AM - 12:10 AM	60.5	58.5	02:45 AM - 02:50 AM	59.6	58.2
09:30 PM - 09:35 PM	61.7	58.8	12:10 AM - 12:15 AM	61.3	58.9	02:50 AM - 02:55 AM	60.2	58.4
09:35 PM - 09:40 PM	62.6	59.8	12:15 AM - 12:20 AM	59.0	58.4	02:55 AM - 03:00 AM	65.4	59.2

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2242905

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316625-1

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Sample Number 2242905-4  
 Parameter Noise Level (Leq 5 min)  
 Location รันวัดด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
 Measurement Date May 08 - May 09, 2022  
 Measurement by Teeravut Sukdee  
 Sound Level meter Serial No. 01022262

May 09, 2022 Time	Leq dB(A)	L90 dB(A)	May 09, 2022 Time	Leq dB(A)	L90 dB(A)	May 09, 2022 Time	Leq dB(A)	L90 dB(A)
03:00 AM - 03:05 AM	60.2	58.6	05:40 AM - 05:45 AM	60.5	58.6	08:20 AM - 08:25 AM	59.5	57.2
03:05 AM - 03:10 AM	61.5	58.8	05:45 AM - 05:50 AM	61.1	58.0	08:25 AM - 08:30 AM	59.9	57.5
03:10 AM - 03:15 AM	60.3	58.0	05:50 AM - 05:55 AM	59.2	57.7	08:30 AM - 08:35 AM	60.1	57.8
03:15 AM - 03:20 AM	60.6	57.3	05:55 AM - 06:00 AM	60.1	57.8	08:35 AM - 08:40 AM	61.2	58.1
03:20 AM - 03:25 AM	61.3	57.9	06:00 AM - 06:05 AM	61.4	58.2	08:40 AM - 08:45 AM	60.5	57.9
03:25 AM - 03:30 AM	61.3	58.3	06:05 AM - 06:10 AM	61.6	57.8	08:45 AM - 08:50 AM	62.6	59.5
03:30 AM - 03:35 AM	60.3	57.6	06:10 AM - 06:15 AM	60.1	57.8	08:50 AM - 08:55 AM	59.0	57.2
03:35 AM - 03:40 AM	58.1	57.1	06:15 AM - 06:20 AM	59.4	57.9	08:55 AM - 09:00 AM	58.7	57.1
03:40 AM - 03:45 AM	58.3	57.0	06:20 AM - 06:25 AM	60.7	57.8	09:00 AM - 09:05 AM	60.6	57.4
03:45 AM - 03:50 AM	61.8	58.1	06:25 AM - 06:30 AM	60.2	58.1	09:05 AM - 09:10 AM	63.0	58.4
03:50 AM - 03:55 AM	58.5	57.0	06:30 AM - 06:35 AM	59.8	58.1	09:10 AM - 09:15 AM	62.9	57.9
03:55 AM - 04:00 AM	63.1	58.6	06:35 AM - 06:40 AM	62.6	58.5	09:15 AM - 09:20 AM	59.8	57.7
04:00 AM - 04:05 AM	62.6	59.3	06:40 AM - 06:45 AM	60.7	58.7	09:20 AM - 09:25 AM	62.6	58.1
04:05 AM - 04:10 AM	61.0	57.4	06:45 AM - 06:50 AM	60.8	58.3	09:25 AM - 09:30 AM	61.0	57.2
04:10 AM - 04:15 AM	59.0	57.7	06:50 AM - 06:55 AM	60.5	58.4	09:30 AM - 09:35 AM	58.1	57.3
04:15 AM - 04:20 AM	64.3	58.6	06:55 AM - 07:00 AM	60.9	58.3	09:35 AM - 09:40 AM	59.7	57.5
04:20 AM - 04:25 AM	58.6	57.6	07:00 AM - 07:05 AM	59.2	57.8	09:40 AM - 09:45 AM	60.0	57.6
04:25 AM - 04:30 AM	62.5	57.9	07:05 AM - 07:10 AM	61.0	58.1	09:45 AM - 09:50 AM	58.3	56.8
04:30 AM - 04:35 AM	59.1	57.1	07:10 AM - 07:15 AM	62.7	58.1	09:50 AM - 09:55 AM	60.3	57.8
04:35 AM - 04:40 AM	60.0	57.3	07:15 AM - 07:20 AM	60.0	57.7	09:55 AM - 10:00 AM	63.5	57.8
04:40 AM - 04:45 AM	60.5	58.3	07:20 AM - 07:25 AM	63.1	58.2	10:00 AM - 10:05 AM	63.7	58.8
04:45 AM - 04:50 AM	59.8	58.0	07:25 AM - 07:30 AM	60.8	58.0	10:05 AM - 10:10 AM	61.1	57.7
04:50 AM - 04:55 AM	59.0	58.0	07:30 AM - 07:35 AM	64.1	59.2	10:10 AM - 10:15 AM	61.1	58.6
04:55 AM - 05:00 AM	60.8	58.2	07:35 AM - 07:40 AM	59.8	58.3	10:15 AM - 10:20 AM	60.0	58.1
05:00 AM - 05:05 AM	59.9	58.1	07:40 AM - 07:45 AM	61.9	58.4	10:20 AM - 10:25 AM	58.5	57.6
05:05 AM - 05:10 AM	61.0	58.7	07:45 AM - 07:50 AM	60.5	58.1	10:25 AM - 10:30 AM	59.9	57.4
05:10 AM - 05:15 AM	61.4	57.8	07:50 AM - 07:55 AM	60.1	58.1	10:30 AM - 10:35 AM	61.4	58.1
05:15 AM - 05:20 AM	57.7	57.1	07:55 AM - 08:00 AM	61.6	58.7	10:35 AM - 10:40 AM	60.5	58.3
05:20 AM - 05:25 AM	58.9	57.4	08:00 AM - 08:05 AM	61.5	58.5	10:40 AM - 10:45 AM	58.1	57.0
05:25 AM - 05:30 AM	60.6	57.3	08:05 AM - 08:10 AM	59.0	57.8	10:45 AM - 10:50 AM	63.9	58.6
05:30 AM - 05:35 AM	60.6	57.7	08:10 AM - 08:15 AM	60.6	57.6	10:50 AM - 10:55 AM	61.8	57.3
05:35 AM - 05:40 AM	61.5	59.2	08:15 AM - 08:20 AM	58.7	56.8	10:55 AM - 11:00 AM	61.4	57.7

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316626-1

Page 1 of 3

Sample Number : 2242905-5  
Parameter : Noise Level (Leq 5 min)  
Location : ริมรั้วด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
Measurement Date : May 09 - May 10, 2022  
Measurement by : Teeravut Sukdee  
Sound Level meter : Serial No. 01022262

May 09, 2022	Leq	L90	May 09, 2022	Leq	L90	May 09, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
11:00 AM - 11:05 AM	59.5	57.2	01:40 PM - 01:45 PM	61.7	58.5	04:20 PM - 04:25 PM	58.0	57.1
11:05 AM - 11:10 AM	60.2	57.0	01:45 PM - 01:50 PM	60.7	57.8	04:25 PM - 04:30 PM	60.0	57.6
11:10 AM - 11:15 AM	60.9	57.1	01:50 PM - 01:55 PM	59.4	57.4	04:30 PM - 04:35 PM	60.9	57.0
11:15 AM - 11:20 AM	63.8	59.0	01:55 PM - 02:00 PM	61.0	58.5	04:35 PM - 04:40 PM	61.6	58.9
11:20 AM - 11:25 AM	65.7	59.3	02:00 PM - 02:05 PM	60.6	57.8	04:40 PM - 04:45 PM	58.1	56.6
11:25 AM - 11:30 AM	64.4	59.8	02:05 PM - 02:10 PM	59.4	57.6	04:45 PM - 04:50 PM	60.2	56.9
11:30 AM - 11:35 AM	62.2	57.7	02:10 PM - 02:15 PM	62.5	57.7	04:50 PM - 04:55 PM	62.7	59.6
11:35 AM - 11:40 AM	58.6	57.8	02:15 PM - 02:20 PM	61.0	57.0	04:55 PM - 05:00 PM	59.8	57.5
11:40 AM - 11:45 AM	59.7	57.9	02:20 PM - 02:25 PM	61.3	57.4	05:00 PM - 05:05 PM	60.0	57.4
11:45 AM - 11:50 AM	59.8	57.2	02:25 PM - 02:30 PM	60.5	57.6	05:05 PM - 05:10 PM	60.1	57.8
11:50 AM - 11:55 AM	60.1	57.6	02:30 PM - 02:35 PM	59.6	57.5	05:10 PM - 05:15 PM	64.7	59.3
11:55 AM - 12:00 PM	57.8	56.6	02:35 PM - 02:40 PM	61.2	58.1	05:15 PM - 05:20 PM	60.3	58.1
12:00 PM - 12:05 PM	57.5	56.7	02:40 PM - 02:45 PM	58.2	57.2	05:20 PM - 05:25 PM	62.7	58.9
12:05 PM - 12:10 PM	61.7	58.1	02:45 PM - 02:50 PM	57.8	57.1	05:25 PM - 05:30 PM	59.7	57.8
12:10 PM - 12:15 PM	63.2	57.9	02:50 PM - 02:55 PM	60.2	56.7	05:30 PM - 05:35 PM	60.6	58.1
12:15 PM - 12:20 PM	59.5	57.2	02:55 PM - 03:00 PM	60.2	58.2	05:35 PM - 05:40 PM	59.5	57.0
12:20 PM - 12:25 PM	61.7	57.7	03:00 PM - 03:05 PM	60.7	57.7	05:40 PM - 05:45 PM	61.8	59.4
12:25 PM - 12:30 PM	60.1	58.0	03:05 PM - 03:10 PM	58.1	56.9	05:45 PM - 05:50 PM	60.3	58.9
12:30 PM - 12:35 PM	60.6	58.4	03:10 PM - 03:15 PM	58.2	57.0	05:50 PM - 05:55 PM	59.9	57.8
12:35 PM - 12:40 PM	61.8	58.4	03:15 PM - 03:20 PM	59.5	57.2	05:55 PM - 06:00 PM	60.6	57.5
12:40 PM - 12:45 PM	64.2	58.1	03:20 PM - 03:25 PM	61.1	57.1	06:00 PM - 06:05 PM	63.2	60.2
12:45 PM - 12:50 PM	60.7	57.9	03:25 PM - 03:30 PM	60.0	56.7	06:05 PM - 06:10 PM	61.0	57.9
12:50 PM - 12:55 PM	61.3	57.9	03:30 PM - 03:35 PM	58.5	56.5	06:10 PM - 06:15 PM	59.6	57.3
12:55 PM - 01:00 PM	60.8	57.1	03:35 PM - 03:40 PM	58.6	57.6	06:15 PM - 06:20 PM	59.6	57.4
01:00 PM - 01:05 PM	59.8	56.8	03:40 PM - 03:45 PM	59.3	56.6	06:20 PM - 06:25 PM	59.4	57.6
01:05 PM - 01:10 PM	58.4	56.8	03:45 PM - 03:50 PM	60.1	57.2	06:25 PM - 06:30 PM	60.5	57.8
01:10 PM - 01:15 PM	60.7	57.6	03:50 PM - 03:55 PM	59.6	57.2	06:30 PM - 06:35 PM	61.0	58.9
01:15 PM - 01:20 PM	61.3	58.0	03:55 PM - 04:00 PM	60.4	57.4	06:35 PM - 06:40 PM	60.0	57.6
01:20 PM - 01:25 PM	63.3	58.4	04:00 PM - 04:05 PM	64.2	57.6	06:40 PM - 06:45 PM	61.0	58.1
01:25 PM - 01:30 PM	61.7	57.4	04:05 PM - 04:10 PM	59.6	56.3	06:45 PM - 06:50 PM	58.4	57.3
01:30 PM - 01:35 PM	61.9	57.8	04:10 PM - 04:15 PM	59.6	57.9	06:50 PM - 06:55 PM	59.7	57.3
01:35 PM - 01:40 PM	61.2	58.5	04:15 PM - 04:20 PM	60.6	57.8	06:55 PM - 07:00 PM	59.5	58.0

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2242905

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316626-1

Page 2 of 3

Sample Number 2242905-5  
 Parameter Noise Level (Leq 5 min)  
 Location รันวัดด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
 Measurement Date May 09 - May 10, 2022  
 Measurement by Teeravut Sukdee  
 Sound Level meter Serial No. 01022262

May 09, 2022 Time	Leq dB(A)	L90 dB(A)	May 09 - May 10, 2022 Time	Leq dB(A)	L90 dB(A)	May 10, 2022 Time	Leq dB(A)	L90 dB(A)
07:00 PM - 07:05 PM	63.2	58.7	09:40 PM - 09:45 PM	64.3	61.5	12:20 AM - 12:25 AM	65.9	63.5
07:05 PM - 07:10 PM	61.0	57.9	09:45 PM - 09:50 PM	64.1	61.2	12:25 AM - 12:30 AM	64.3	59.4
07:10 PM - 07:15 PM	61.0	57.1	09:50 PM - 09:55 PM	64.6	60.7	12:30 AM - 12:35 AM	65.9	62.6
07:15 PM - 07:20 PM	61.3	57.6	09:55 PM - 10:00 PM	65.2	62.9	12:35 AM - 12:40 AM	64.4	59.0
07:20 PM - 07:25 PM	60.1	57.5	10:00 PM - 10:05 PM	66.0	62.2	12:40 AM - 12:45 AM	64.4	62.4
07:25 PM - 07:30 PM	58.8	57.1	10:05 PM - 10:10 PM	66.3	63.7	12:45 AM - 12:50 AM	61.8	59.1
07:30 PM - 07:35 PM	60.9	57.7	10:10 PM - 10:15 PM	66.3	63.9	12:50 AM - 12:55 AM	63.7	61.9
07:35 PM - 07:40 PM	62.2	58.0	10:15 PM - 10:20 PM	68.1	65.3	12:55 AM - 01:00 AM	64.1	60.4
07:40 PM - 07:45 PM	62.7	58.5	10:20 PM - 10:25 PM	66.6	64.6	01:00 AM - 01:05 AM	64.2	60.1
07:45 PM - 07:50 PM	61.8	59.3	10:25 PM - 10:30 PM	67.7	64.7	01:05 AM - 01:10 AM	63.3	59.7
07:50 PM - 07:55 PM	61.7	58.7	10:30 PM - 10:35 PM	67.0	64.3	01:10 AM - 01:15 AM	68.4	60.8
07:55 PM - 08:00 PM	62.0	58.0	10:35 PM - 10:40 PM	67.5	63.7	01:15 AM - 01:20 AM	69.1	61.2
08:00 PM - 08:05 PM	59.6	58.3	10:40 PM - 10:45 PM	68.9	62.8	01:20 AM - 01:25 AM	62.9	60.7
08:05 PM - 08:10 PM	63.9	59.1	10:45 PM - 10:50 PM	67.5	62.3	01:25 AM - 01:30 AM	62.0	60.1
08:10 PM - 08:15 PM	60.3	57.8	10:50 PM - 10:55 PM	67.1	63.0	01:30 AM - 01:35 AM	61.5	58.5
08:15 PM - 08:20 PM	61.1	57.5	10:55 PM - 11:00 PM	66.4	63.2	01:35 AM - 01:40 AM	63.3	60.4
08:20 PM - 08:25 PM	62.1	59.8	11:00 PM - 11:05 PM	66.3	62.4	01:40 AM - 01:45 AM	61.4	59.3
08:25 PM - 08:30 PM	62.1	58.4	11:05 PM - 11:10 PM	67.6	64.3	01:45 AM - 01:50 AM	63.4	60.4
08:30 PM - 08:35 PM	61.0	57.7	11:10 PM - 11:15 PM	67.2	63.1	01:50 AM - 01:55 AM	64.0	59.6
08:35 PM - 08:40 PM	60.9	58.6	11:15 PM - 11:20 PM	65.5	60.2	01:55 AM - 02:00 AM	63.3	60.1
08:40 PM - 08:45 PM	60.7	57.9	11:20 PM - 11:25 PM	67.1	64.0	02:00 AM - 02:05 AM	62.3	59.5
08:45 PM - 08:50 PM	61.1	58.1	11:25 PM - 11:30 PM	66.9	62.9	02:05 AM - 02:10 AM	61.1	59.0
08:50 PM - 08:55 PM	59.9	57.9	11:30 PM - 11:35 PM	65.4	63.0	02:10 AM - 02:15 AM	62.8	59.6
08:55 PM - 09:00 PM	62.3	58.4	11:35 PM - 11:40 PM	67.8	62.8	02:15 AM - 02:20 AM	61.7	59.7
09:00 PM - 09:05 PM	61.1	58.6	11:40 PM - 11:45 PM	69.8	62.0	02:20 AM - 02:25 AM	64.4	59.5
09:05 PM - 09:10 PM	63.2	57.6	11:45 PM - 11:50 PM	69.4	62.5	02:25 AM - 02:30 AM	64.1	60.8
09:10 PM - 09:15 PM	61.3	58.4	11:50 PM - 11:55 PM	67.6	61.2	02:30 AM - 02:35 AM	62.1	58.9
09:15 PM - 09:20 PM	61.5	58.4	11:55 PM - 12:00 AM	66.9	61.9	02:35 AM - 02:40 AM	64.2	61.2
09:20 PM - 09:25 PM	62.6	59.8	12:00 AM - 12:05 AM	67.4	60.5	02:40 AM - 02:45 AM	65.3	60.7
09:25 PM - 09:30 PM	63.6	60.7	12:05 AM - 12:10 AM	68.6	61.0	02:45 AM - 02:50 AM	66.2	62.8
09:30 PM - 09:35 PM	65.0	60.9	12:10 AM - 12:15 AM	65.4	61.5	02:50 AM - 02:55 AM	66.3	63.1
09:35 PM - 09:40 PM	64.0	60.6	12:15 AM - 12:20 AM	64.7	60.9	02:55 AM - 03:00 AM	67.5	64.5

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpoin, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2242905

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316626-1

Page 3 of 3

Sample Number 2242905-5  
 Parameter Noise Level (Leq 5 min)  
 Location รันวัดด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
 Measurement Date May 09 - May 10, 2022  
 Measurement by Teeravut Sukdee  
 Sound Level meter Serial No. 01022262

May 10, 2022 Time	Leq dB(A)	L90 dB(A)	May 10, 2022 Time	Leq dB(A)	L90 dB(A)	May 10, 2022 Time	Leq dB(A)	L90 dB(A)
03:00 AM - 03:05 AM	65.5	62.8	05:40 AM - 05:45 AM	64.5	61.6	08:20 AM - 08:25 AM	64.6	62.7
03:05 AM - 03:10 AM	69.3	65.1	05:45 AM - 05:50 AM	69.1	60.9	08:25 AM - 08:30 AM	65.4	61.6
03:10 AM - 03:15 AM	66.7	63.8	05:50 AM - 05:55 AM	65.5	62.8	08:30 AM - 08:35 AM	65.9	63.8
03:15 AM - 03:20 AM	66.8	64.4	05:55 AM - 06:00 AM	68.8	62.9	08:35 AM - 08:40 AM	69.2	64.4
03:20 AM - 03:25 AM	67.5	64.1	06:00 AM - 06:05 AM	64.3	61.8	08:40 AM - 08:45 AM	68.8	64.2
03:25 AM - 03:30 AM	65.1	63.4	06:05 AM - 06:10 AM	65.2	61.6	08:45 AM - 08:50 AM	66.1	62.2
03:30 AM - 03:35 AM	64.7	63.0	06:10 AM - 06:15 AM	66.0	63.1	08:50 AM - 08:55 AM	65.1	61.5
03:35 AM - 03:40 AM	62.9	59.9	06:15 AM - 06:20 AM	65.9	61.8	08:55 AM - 09:00 AM	69.1	60.8
03:40 AM - 03:45 AM	61.3	59.2	06:20 AM - 06:25 AM	65.0	62.4	09:00 AM - 09:05 AM	67.3	61.3
03:45 AM - 03:50 AM	61.3	58.9	06:25 AM - 06:30 AM	67.3	61.9	09:05 AM - 09:10 AM	66.3	61.6
03:50 AM - 03:55 AM	62.0	60.0	06:30 AM - 06:35 AM	65.9	61.8	09:10 AM - 09:15 AM	62.9	60.6
03:55 AM - 04:00 AM	68.7	64.2	06:35 AM - 06:40 AM	64.0	61.8	09:15 AM - 09:20 AM	63.0	60.2
04:00 AM - 04:05 AM	65.6	61.9	06:40 AM - 06:45 AM	63.1	61.1	09:20 AM - 09:25 AM	65.9	60.4
04:05 AM - 04:10 AM	68.3	65.7	06:45 AM - 06:50 AM	63.0	61.1	09:25 AM - 09:30 AM	62.8	60.2
04:10 AM - 04:15 AM	68.8	61.9	06:50 AM - 06:55 AM	63.9	62.2	09:30 AM - 09:35 AM	66.6	62.6
04:15 AM - 04:20 AM	67.3	62.9	06:55 AM - 07:00 AM	64.1	62.6	09:35 AM - 09:40 AM	62.8	60.5
04:20 AM - 04:25 AM	66.4	62.4	07:00 AM - 07:05 AM	64.3	61.4	09:40 AM - 09:45 AM	62.1	59.9
04:25 AM - 04:30 AM	65.2	62.3	07:05 AM - 07:10 AM	64.2	60.8	09:45 AM - 09:50 AM	64.4	61.4
04:30 AM - 04:35 AM	64.7	62.2	07:10 AM - 07:15 AM	65.1	61.2	09:50 AM - 09:55 AM	66.5	63.2
04:35 AM - 04:40 AM	63.1	59.7	07:15 AM - 07:20 AM	67.9	62.5	09:55 AM - 10:00 AM	67.6	62.3
04:40 AM - 04:45 AM	60.8	59.5	07:20 AM - 07:25 AM	64.4	62.1	10:00 AM - 10:05 AM	64.5	61.7
04:45 AM - 04:50 AM	61.8	59.6	07:25 AM - 07:30 AM	64.7	62.0	10:05 AM - 10:10 AM	64.6	62.1
04:50 AM - 04:55 AM	62.9	60.3	07:30 AM - 07:35 AM	67.9	63.5	10:10 AM - 10:15 AM	65.5	63.4
04:55 AM - 05:00 AM	64.5	61.3	07:35 AM - 07:40 AM	66.9	64.0	10:15 AM - 10:20 AM	63.1	60.0
05:00 AM - 05:05 AM	64.8	62.1	07:40 AM - 07:45 AM	68.0	65.9	10:20 AM - 10:25 AM	64.2	61.3
05:05 AM - 05:10 AM	65.3	62.9	07:45 AM - 07:50 AM	68.0	64.4	10:25 AM - 10:30 AM	63.5	61.2
05:10 AM - 05:15 AM	65.2	62.7	07:50 AM - 07:55 AM	69.1	65.4	10:30 AM - 10:35 AM	63.6	61.3
05:15 AM - 05:20 AM	63.1	61.0	07:55 AM - 08:00 AM	67.3	65.0	10:35 AM - 10:40 AM	60.8	59.5
05:20 AM - 05:25 AM	65.1	61.5	08:00 AM - 08:05 AM	68.9	65.4	10:40 AM - 10:45 AM	68.3	61.5
05:25 AM - 05:30 AM	64.6	61.7	08:05 AM - 08:10 AM	68.7	65.5	10:45 AM - 10:50 AM	64.3	60.9
05:30 AM - 05:35 AM	65.2	63.1	08:10 AM - 08:15 AM	67.5	63.5	10:50 AM - 10:55 AM	67.1	63.4
05:35 AM - 05:40 AM	64.7	62.9	08:15 AM - 08:20 AM	68.8	65.5	10:55 AM - 11:00 AM	63.6	60.2

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316627-1

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Sample Number 2242905-6  
Parameter Noise Level (Leq 5 min)  
Location ริมรั้วด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
Measurement Date May 10 - May 11, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 01022262

May 10, 2022 Time	Leq dB(A)	L90 dB(A)	May 10, 2022 Time	Leq dB(A)	L90 dB(A)	May 10, 2022 Time	Leq dB(A)	L90 dB(A)
11:00 AM - 11:05 AM	68.2	62.8	01:40 PM - 01:45 PM	60.6	59.3	04:20 PM - 04:25 PM	64.3	61.1
11:05 AM - 11:10 AM	64.0	60.9	01:45 PM - 01:50 PM	60.8	59.5	04:25 PM - 04:30 PM	61.1	58.4
11:10 AM - 11:15 AM	65.2	60.1	01:50 PM - 01:55 PM	61.3	59.8	04:30 PM - 04:35 PM	61.6	59.5
11:15 AM - 11:20 AM	62.0	60.4	01:55 PM - 02:00 PM	62.2	59.7	04:35 PM - 04:40 PM	63.0	59.4
11:20 AM - 11:25 AM	62.1	59.6	02:00 PM - 02:05 PM	64.3	59.6	04:40 PM - 04:45 PM	67.1	59.3
11:25 AM - 11:30 AM	61.5	59.7	02:05 PM - 02:10 PM	61.4	59.7	04:45 PM - 04:50 PM	61.1	59.4
11:30 AM - 11:35 AM	61.1	59.4	02:10 PM - 02:15 PM	59.9	59.2	04:50 PM - 04:55 PM	65.0	60.6
11:35 AM - 11:40 AM	60.9	59.3	02:15 PM - 02:20 PM	61.0	59.4	04:55 PM - 05:00 PM	63.3	59.0
11:40 AM - 11:45 AM	61.5	58.4	02:20 PM - 02:25 PM	61.9	59.7	05:00 PM - 05:05 PM	62.0	59.2
11:45 AM - 11:50 AM	62.6	59.6	02:25 PM - 02:30 PM	59.0	58.8	05:05 PM - 05:10 PM	61.2	58.8
11:50 AM - 11:55 AM	62.7	60.5	02:30 PM - 02:35 PM	59.6	58.8	05:10 PM - 05:15 PM	60.8	58.9
11:55 AM - 12:00 PM	59.9	59.1	02:35 PM - 02:40 PM	60.5	59.3	05:15 PM - 05:20 PM	63.7	61.9
12:00 PM - 12:05 PM	61.5	59.2	02:40 PM - 02:45 PM	60.2	59.0	05:20 PM - 05:25 PM	66.4	61.5
12:05 PM - 12:10 PM	62.2	58.8	02:45 PM - 02:50 PM	60.7	58.9	05:25 PM - 05:30 PM	66.8	61.3
12:10 PM - 12:15 PM	63.4	60.4	02:50 PM - 02:55 PM	59.4	58.4	05:30 PM - 05:35 PM	68.5	62.1
12:15 PM - 12:20 PM	67.3	64.2	02:55 PM - 03:00 PM	60.4	59.1	05:35 PM - 05:40 PM	62.2	59.2
12:20 PM - 12:25 PM	66.3	63.8	03:00 PM - 03:05 PM	59.9	59.0	05:40 PM - 05:45 PM	63.1	59.1
12:25 PM - 12:30 PM	68.2	63.2	03:05 PM - 03:10 PM	64.7	59.8	05:45 PM - 05:50 PM	60.7	58.4
12:30 PM - 12:35 PM	65.6	61.3	03:10 PM - 03:15 PM	60.9	59.3	05:50 PM - 05:55 PM	59.7	58.5
12:35 PM - 12:40 PM	64.8	60.9	03:15 PM - 03:20 PM	66.6	59.7	05:55 PM - 06:00 PM	60.8	58.0
12:40 PM - 12:45 PM	68.1	63.7	03:20 PM - 03:25 PM	68.6	60.5	06:00 PM - 06:05 PM	67.9	58.7
12:45 PM - 12:50 PM	69.4	62.8	03:25 PM - 03:30 PM	60.0	58.7	06:05 PM - 06:10 PM	61.2	58.2
12:50 PM - 12:55 PM	67.7	61.2	03:30 PM - 03:35 PM	59.3	58.5	06:10 PM - 06:15 PM	59.0	57.9
12:55 PM - 01:00 PM	65.0	62.5	03:35 PM - 03:40 PM	59.0	58.3	06:15 PM - 06:20 PM	59.9	58.0
01:00 PM - 01:05 PM	63.9	61.9	03:40 PM - 03:45 PM	58.4	57.7	06:20 PM - 06:25 PM	62.2	58.2
01:05 PM - 01:10 PM	65.6	62.3	03:45 PM - 03:50 PM	61.7	58.1	06:25 PM - 06:30 PM	61.1	58.7
01:10 PM - 01:15 PM	66.0	60.8	03:50 PM - 03:55 PM	59.0	58.0	06:30 PM - 06:35 PM	67.6	61.5
01:15 PM - 01:20 PM	67.2	62.9	03:55 PM - 04:00 PM	59.1	58.2	06:35 PM - 06:40 PM	69.6	65.4
01:20 PM - 01:25 PM	63.2	60.1	04:00 PM - 04:05 PM	64.4	59.3	06:40 PM - 06:45 PM	66.5	59.3
01:25 PM - 01:30 PM	62.8	59.1	04:05 PM - 04:10 PM	65.2	59.8	06:45 PM - 06:50 PM	59.2	58.4
01:30 PM - 01:35 PM	61.1	59.6	04:10 PM - 04:15 PM	67.3	64.1	06:50 PM - 06:55 PM	58.1	57.7
01:35 PM - 01:40 PM	63.1	60.6	04:15 PM - 04:20 PM	67.0	59.9	06:55 PM - 07:00 PM	58.7	58.2

Approved by

Sarayuth Jittrantont  
Assistant General Manager

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## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316627-1

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Sample Number 2242905-6  
Parameter Noise Level (Leq 5 min)  
Location ริมรั้วด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
Measurement Date May 10 - May 11, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 01022262

May 10, 2022	Leq	L90	May 10 - May 11, 2022	Leq	L90	May 11, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
07:00 PM - 07:05 PM	58.8	58.1	09:40 PM - 09:45 PM	58.9	58.4	12:20 AM - 12:25 AM	58.9	58.2
07:05 PM - 07:10 PM	60.9	58.2	09:45 PM - 09:50 PM	58.4	58.0	12:25 AM - 12:30 AM	58.4	58.0
07:10 PM - 07:15 PM	59.1	58.0	09:50 PM - 09:55 PM	60.5	59.1	12:30 AM - 12:35 AM	58.8	58.2
07:15 PM - 07:20 PM	59.0	58.3	09:55 PM - 10:00 PM	62.1	59.3	12:35 AM - 12:40 AM	58.5	57.9
07:20 PM - 07:25 PM	58.6	58.2	10:00 PM - 10:05 PM	64.8	59.6	12:40 AM - 12:45 AM	59.0	58.1
07:25 PM - 07:30 PM	59.0	58.3	10:05 PM - 10:10 PM	61.1	59.2	12:45 AM - 12:50 AM	60.8	58.2
07:30 PM - 07:35 PM	60.1	58.4	10:10 PM - 10:15 PM	59.3	58.4	12:50 AM - 12:55 AM	59.9	58.4
07:35 PM - 07:40 PM	58.9	58.2	10:15 PM - 10:20 PM	60.2	58.5	12:55 AM - 01:00 AM	58.9	58.5
07:40 PM - 07:45 PM	59.8	58.4	10:20 PM - 10:25 PM	60.0	58.3	01:00 AM - 01:05 AM	59.1	58.6
07:45 PM - 07:50 PM	61.7	59.3	10:25 PM - 10:30 PM	59.4	58.1	01:05 AM - 01:10 AM	59.0	58.3
07:50 PM - 07:55 PM	58.5	57.9	10:30 PM - 10:35 PM	59.7	58.3	01:10 AM - 01:15 AM	58.7	57.9
07:55 PM - 08:00 PM	59.3	58.2	10:35 PM - 10:40 PM	59.9	58.4	01:15 AM - 01:20 AM	58.5	57.9
08:00 PM - 08:05 PM	59.3	58.1	10:40 PM - 10:45 PM	60.9	58.6	01:20 AM - 01:25 AM	59.5	58.0
08:05 PM - 08:10 PM	58.6	57.9	10:45 PM - 10:50 PM	60.9	58.2	01:25 AM - 01:30 AM	59.0	58.2
08:10 PM - 08:15 PM	59.5	58.3	10:50 PM - 10:55 PM	58.5	57.8	01:30 AM - 01:35 AM	58.7	58.2
08:15 PM - 08:20 PM	58.5	57.9	10:55 PM - 11:00 PM	58.7	58.1	01:35 AM - 01:40 AM	59.1	58.1
08:20 PM - 08:25 PM	58.7	58.2	11:00 PM - 11:05 PM	58.2	57.9	01:40 AM - 01:45 AM	58.4	58.1
08:25 PM - 08:30 PM	58.5	58.1	11:05 PM - 11:10 PM	58.5	58.0	01:45 AM - 01:50 AM	58.7	58.0
08:30 PM - 08:35 PM	58.4	58.1	11:10 PM - 11:15 PM	58.8	58.3	01:50 AM - 01:55 AM	58.5	58.0
08:35 PM - 08:40 PM	58.5	57.9	11:15 PM - 11:20 PM	58.4	58.0	01:55 AM - 02:00 AM	58.7	58.1
08:40 PM - 08:45 PM	58.4	57.9	11:20 PM - 11:25 PM	58.5	57.8	02:00 AM - 02:05 AM	58.2	57.7
08:45 PM - 08:50 PM	60.8	58.5	11:25 PM - 11:30 PM	58.5	58.1	02:05 AM - 02:10 AM	59.6	57.7
08:50 PM - 08:55 PM	60.7	58.2	11:30 PM - 11:35 PM	60.7	58.2	02:10 AM - 02:15 AM	59.3	57.9
08:55 PM - 09:00 PM	59.7	58.3	11:35 PM - 11:40 PM	58.3	57.9	02:15 AM - 02:20 AM	62.1	58.2
09:00 PM - 09:05 PM	58.7	57.9	11:40 PM - 11:45 PM	58.5	58.1	02:20 AM - 02:25 AM	61.1	59.3
09:05 PM - 09:10 PM	59.0	57.8	11:45 PM - 11:50 PM	58.5	57.9	02:25 AM - 02:30 AM	58.7	58.0
09:10 PM - 09:15 PM	58.7	58.1	11:50 PM - 11:55 PM	59.6	58.5	02:30 AM - 02:35 AM	58.5	58.1
09:15 PM - 09:20 PM	59.5	58.2	11:55 PM - 12:00 AM	58.8	58.2	02:35 AM - 02:40 AM	58.3	57.9
09:20 PM - 09:25 PM	61.0	58.0	12:00 AM - 12:05 AM	58.2	57.7	02:40 AM - 02:45 AM	58.3	57.7
09:25 PM - 09:30 PM	60.5	58.0	12:05 AM - 12:10 AM	59.3	57.9	02:45 AM - 02:50 AM	58.4	58.0
09:30 PM - 09:35 PM	59.8	58.1	12:10 AM - 12:15 AM	58.5	58.1	02:50 AM - 02:55 AM	59.3	58.1
09:35 PM - 09:40 PM	58.9	57.9	12:15 AM - 12:20 AM	58.3	57.8	02:55 AM - 03:00 AM	58.3	57.8

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316627-1

Page 3 of 3

Sample Number 2242905-6  
Parameter Noise Level (Leq 5 min)  
Location รันวัดด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
Measurement Date May 10 - May 11, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 01022262

May 11, 2022 Time	Leq dB(A)	L90 dB(A)	May 11, 2022 Time	Leq dB(A)	L90 dB(A)	May 11, 2022 Time	Leq dB(A)	L90 dB(A)
03:00 AM - 03:05 AM	59.5	57.9	05:40 AM - 05:45 AM	57.8	57.4	08:20 AM - 08:25 AM	57.6	56.5
03:05 AM - 03:10 AM	60.7	58.5	05:45 AM - 05:50 AM	58.4	58.0	08:25 AM - 08:30 AM	57.0	56.7
03:10 AM - 03:15 AM	59.9	58.4	05:50 AM - 05:55 AM	58.2	57.7	08:30 AM - 08:35 AM	57.0	56.6
03:15 AM - 03:20 AM	58.8	58.4	05:55 AM - 06:00 AM	58.7	58.3	08:35 AM - 08:40 AM	57.2	56.8
03:20 AM - 03:25 AM	60.0	59.0	06:00 AM - 06:05 AM	58.3	57.9	08:40 AM - 08:45 AM	57.3	56.9
03:25 AM - 03:30 AM	60.2	58.1	06:05 AM - 06:10 AM	60.0	58.6	08:45 AM - 08:50 AM	57.2	56.5
03:30 AM - 03:35 AM	58.9	57.7	06:10 AM - 06:15 AM	59.8	59.2	08:50 AM - 08:55 AM	56.5	56.1
03:35 AM - 03:40 AM	58.7	58.1	06:15 AM - 06:20 AM	61.2	60.4	08:55 AM - 09:00 AM	57.5	57.0
03:40 AM - 03:45 AM	58.6	57.8	06:20 AM - 06:25 AM	64.0	61.9	09:00 AM - 09:05 AM	57.9	56.3
03:45 AM - 03:50 AM	59.4	58.8	06:25 AM - 06:30 AM	60.3	57.5	09:05 AM - 09:10 AM	56.9	56.3
03:50 AM - 03:55 AM	59.8	58.4	06:30 AM - 06:35 AM	58.4	57.7	09:10 AM - 09:15 AM	56.4	56.0
03:55 AM - 04:00 AM	58.9	58.4	06:35 AM - 06:40 AM	59.1	58.0	09:15 AM - 09:20 AM	58.5	56.2
04:00 AM - 04:05 AM	60.2	58.6	06:40 AM - 06:45 AM	59.8	58.9	09:20 AM - 09:25 AM	56.8	56.3
04:05 AM - 04:10 AM	58.2	57.8	06:45 AM - 06:50 AM	57.7	56.6	09:25 AM - 09:30 AM	56.7	56.3
04:10 AM - 04:15 AM	58.2	57.6	06:50 AM - 06:55 AM	57.5	56.9	09:30 AM - 09:35 AM	57.2	56.1
04:15 AM - 04:20 AM	58.3	57.7	06:55 AM - 07:00 AM	57.5	56.3	09:35 AM - 09:40 AM	57.3	56.9
04:20 AM - 04:25 AM	58.7	58.2	07:00 AM - 07:05 AM	58.7	57.0	09:40 AM - 09:45 AM	58.5	57.0
04:25 AM - 04:30 AM	59.3	57.9	07:05 AM - 07:10 AM	57.5	56.7	09:45 AM - 09:50 AM	57.2	56.6
04:30 AM - 04:35 AM	58.7	57.9	07:10 AM - 07:15 AM	57.4	57.1	09:50 AM - 09:55 AM	57.5	56.9
04:35 AM - 04:40 AM	58.7	57.6	07:15 AM - 07:20 AM	56.7	56.2	09:55 AM - 10:00 AM	56.7	56.2
04:40 AM - 04:45 AM	58.3	57.8	07:20 AM - 07:25 AM	56.9	56.3	10:00 AM - 10:05 AM	57.1	56.3
04:45 AM - 04:50 AM	59.0	57.8	07:25 AM - 07:30 AM	58.0	57.1	10:05 AM - 10:10 AM	57.4	56.7
04:50 AM - 04:55 AM	58.3	57.8	07:30 AM - 07:35 AM	57.3	56.5	10:10 AM - 10:15 AM	58.2	56.5
04:55 AM - 05:00 AM	58.3	57.9	07:35 AM - 07:40 AM	57.1	56.2	10:15 AM - 10:20 AM	57.0	56.4
05:00 AM - 05:05 AM	58.2	57.9	07:40 AM - 07:45 AM	56.6	56.1	10:20 AM - 10:25 AM	57.5	56.6
05:05 AM - 05:10 AM	58.8	58.0	07:45 AM - 07:50 AM	56.6	56.1	10:25 AM - 10:30 AM	57.6	56.9
05:10 AM - 05:15 AM	59.1	57.9	07:50 AM - 07:55 AM	57.6	55.8	10:30 AM - 10:35 AM	57.2	56.5
05:15 AM - 05:20 AM	58.1	57.5	07:55 AM - 08:00 AM	56.5	55.8	10:35 AM - 10:40 AM	63.0	57.3
05:20 AM - 05:25 AM	58.2	57.9	08:00 AM - 08:05 AM	58.5	56.7	10:40 AM - 10:45 AM	58.6	57.5
05:25 AM - 05:30 AM	58.2	57.7	08:05 AM - 08:10 AM	66.5	56.2	10:45 AM - 10:50 AM	66.0	58.1
05:30 AM - 05:35 AM	58.4	57.8	08:10 AM - 08:15 AM	56.9	56.3	10:50 AM - 10:55 AM	61.3	57.3
05:35 AM - 05:40 AM	58.2	57.8	08:15 AM - 08:20 AM	56.9	56.2	10:55 AM - 11:00 AM	59.8	57.1

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316628-1

Page 1 of 3

Sample Number 2242905-7  
Parameter Noise Level (Leq 5 min)  
Location ริมรั้วด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
Measurement Date May 11 - May 12, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 01022262

May 11, 2022 Time	Leq dB(A)	L90 dB(A)	May 11, 2022 Time	Leq dB(A)	L90 dB(A)	May 11, 2022 Time	Leq dB(A)	L90 dB(A)
11:00 AM - 11:05 AM	59.8	57.1	01:40 PM - 01:45 PM	58.1	57.2	04:20 PM - 04:25 PM	56.9	56.6
11:05 AM - 11:10 AM	57.6	56.5	01:45 PM - 01:50 PM	59.2	56.9	04:25 PM - 04:30 PM	57.4	56.6
11:10 AM - 11:15 AM	60.7	56.7	01:50 PM - 01:55 PM	56.8	56.4	04:30 PM - 04:35 PM	58.3	57.3
11:15 AM - 11:20 AM	60.6	56.5	01:55 PM - 02:00 PM	56.8	56.4	04:35 PM - 04:40 PM	57.3	56.9
11:20 AM - 11:25 AM	58.5	56.9	02:00 PM - 02:05 PM	56.5	56.1	04:40 PM - 04:45 PM	56.8	56.5
11:25 AM - 11:30 AM	57.3	56.7	02:05 PM - 02:10 PM	57.1	56.3	04:45 PM - 04:50 PM	57.7	56.9
11:30 AM - 11:35 AM	58.5	56.8	02:10 PM - 02:15 PM	58.5	56.6	04:50 PM - 04:55 PM	57.1	56.6
11:35 AM - 11:40 AM	59.3	56.9	02:15 PM - 02:20 PM	57.4	56.7	04:55 PM - 05:00 PM	57.0	56.7
11:40 AM - 11:45 AM	57.8	56.7	02:20 PM - 02:25 PM	60.6	56.9	05:00 PM - 05:05 PM	56.7	56.4
11:45 AM - 11:50 AM	57.1	56.7	02:25 PM - 02:30 PM	57.0	56.5	05:05 PM - 05:10 PM	58.1	56.7
11:50 AM - 11:55 AM	57.3	56.9	02:30 PM - 02:35 PM	57.0	56.7	05:10 PM - 05:15 PM	57.4	56.9
11:55 AM - 12:00 PM	57.3	56.9	02:35 PM - 02:40 PM	56.8	56.3	05:15 PM - 05:20 PM	57.2	56.7
12:00 PM - 12:05 PM	58.2	56.7	02:40 PM - 02:45 PM	56.9	56.5	05:20 PM - 05:25 PM	57.4	57.0
12:05 PM - 12:10 PM	57.3	56.8	02:45 PM - 02:50 PM	56.7	56.4	05:25 PM - 05:30 PM	57.4	56.8
12:10 PM - 12:15 PM	57.8	57.5	02:50 PM - 02:55 PM	57.0	56.7	05:30 PM - 05:35 PM	57.2	56.7
12:15 PM - 12:20 PM	57.8	57.3	02:55 PM - 03:00 PM	57.1	56.4	05:35 PM - 05:40 PM	57.6	57.1
12:20 PM - 12:25 PM	58.2	57.2	03:00 PM - 03:05 PM	57.6	56.7	05:40 PM - 05:45 PM	59.2	56.9
12:25 PM - 12:30 PM	57.7	57.2	03:05 PM - 03:10 PM	56.9	56.6	05:45 PM - 05:50 PM	58.7	56.4
12:30 PM - 12:35 PM	57.1	56.8	03:10 PM - 03:15 PM	56.6	56.3	05:50 PM - 05:55 PM	57.0	56.6
12:35 PM - 12:40 PM	57.5	56.8	03:15 PM - 03:20 PM	56.7	56.3	05:55 PM - 06:00 PM	57.1	56.7
12:40 PM - 12:45 PM	58.5	56.7	03:20 PM - 03:25 PM	56.9	56.5	06:00 PM - 06:05 PM	56.6	56.4
12:45 PM - 12:50 PM	57.6	56.6	03:25 PM - 03:30 PM	57.0	56.1	06:05 PM - 06:10 PM	57.2	56.4
12:50 PM - 12:55 PM	57.4	57.2	03:30 PM - 03:35 PM	57.2	56.5	06:10 PM - 06:15 PM	56.8	56.4
12:55 PM - 01:00 PM	56.9	56.5	03:35 PM - 03:40 PM	57.5	57.1	06:15 PM - 06:20 PM	57.2	56.8
01:00 PM - 01:05 PM	57.4	56.9	03:40 PM - 03:45 PM	56.8	56.3	06:20 PM - 06:25 PM	57.6	57.2
01:05 PM - 01:10 PM	57.0	56.6	03:45 PM - 03:50 PM	56.8	56.3	06:25 PM - 06:30 PM	56.8	56.4
01:10 PM - 01:15 PM	57.0	56.8	03:50 PM - 03:55 PM	58.9	56.5	06:30 PM - 06:35 PM	57.6	56.9
01:15 PM - 01:20 PM	57.6	56.9	03:55 PM - 04:00 PM	57.9	57.0	06:35 PM - 06:40 PM	57.6	57.3
01:20 PM - 01:25 PM	58.1	57.0	04:00 PM - 04:05 PM	57.2	56.7	06:40 PM - 06:45 PM	57.0	56.6
01:25 PM - 01:30 PM	57.7	57.2	04:05 PM - 04:10 PM	57.4	56.9	06:45 PM - 06:50 PM	57.5	57.0
01:30 PM - 01:35 PM	57.5	57.0	04:10 PM - 04:15 PM	57.2	56.6	06:50 PM - 06:55 PM	56.9	56.5
01:35 PM - 01:40 PM	57.1	56.5	04:15 PM - 04:20 PM	57.0	56.6	06:55 PM - 07:00 PM	57.0	56.5

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316628-1

Page 2 of 3

Sample Number 2242905-7  
Parameter Noise Level (Leq 5 min)  
Location รันวัดด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
Measurement Date May 11 - May 12, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 01022262

May 11, 2022	Leq	L90	May 11 - May 12, 2022	Leq	L90	May 12, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
07:00 PM - 07:05 PM	57.4	56.9	09:40 PM - 09:45 PM	57.3	56.7	12:20 AM - 12:25 AM	57.8	57.3
07:05 PM - 07:10 PM	57.9	57.4	09:45 PM - 09:50 PM	57.6	57.3	12:25 AM - 12:30 AM	57.1	56.7
07:10 PM - 07:15 PM	57.1	56.4	09:50 PM - 09:55 PM	58.2	57.7	12:30 AM - 12:35 AM	57.2	56.8
07:15 PM - 07:20 PM	56.8	56.4	09:55 PM - 10:00 PM	57.7	56.7	12:35 AM - 12:40 AM	57.9	57.4
07:20 PM - 07:25 PM	57.0	56.5	10:00 PM - 10:05 PM	57.6	57.0	12:40 AM - 12:45 AM	57.7	57.2
07:25 PM - 07:30 PM	57.1	56.7	10:05 PM - 10:10 PM	57.7	57.2	12:45 AM - 12:50 AM	57.3	56.8
07:30 PM - 07:35 PM	57.9	57.6	10:10 PM - 10:15 PM	57.7	57.3	12:50 AM - 12:55 AM	57.8	57.4
07:35 PM - 07:40 PM	57.5	57.1	10:15 PM - 10:20 PM	57.3	56.9	12:55 AM - 01:00 AM	59.0	57.2
07:40 PM - 07:45 PM	57.0	56.7	10:20 PM - 10:25 PM	57.5	57.0	01:00 AM - 01:05 AM	57.5	57.0
07:45 PM - 07:50 PM	58.0	57.0	10:25 PM - 10:30 PM	57.4	57.1	01:05 AM - 01:10 AM	58.2	57.2
07:50 PM - 07:55 PM	58.4	57.2	10:30 PM - 10:35 PM	57.2	56.9	01:10 AM - 01:15 AM	58.7	57.7
07:55 PM - 08:00 PM	58.4	57.2	10:35 PM - 10:40 PM	57.6	56.9	01:15 AM - 01:20 AM	57.4	56.8
08:00 PM - 08:05 PM	57.9	57.7	10:40 PM - 10:45 PM	58.0	56.7	01:20 AM - 01:25 AM	58.0	57.6
08:05 PM - 08:10 PM	57.2	56.7	10:45 PM - 10:50 PM	57.5	56.8	01:25 AM - 01:30 AM	57.6	57.2
08:10 PM - 08:15 PM	57.7	57.0	10:50 PM - 10:55 PM	57.3	56.8	01:30 AM - 01:35 AM	58.5	57.7
08:15 PM - 08:20 PM	57.6	57.2	10:55 PM - 11:00 PM	57.4	56.8	01:35 AM - 01:40 AM	57.7	57.1
08:20 PM - 08:25 PM	57.4	56.8	11:00 PM - 11:05 PM	57.1	56.5	01:40 AM - 01:45 AM	57.6	57.2
08:25 PM - 08:30 PM	57.9	57.1	11:05 PM - 11:10 PM	56.9	56.6	01:45 AM - 01:50 AM	58.2	57.9
08:30 PM - 08:35 PM	58.3	57.8	11:10 PM - 11:15 PM	56.9	56.6	01:50 AM - 01:55 AM	57.7	57.3
08:35 PM - 08:40 PM	57.4	56.6	11:15 PM - 11:20 PM	57.9	56.8	01:55 AM - 02:00 AM	57.7	57.3
08:40 PM - 08:45 PM	57.2	56.5	11:20 PM - 11:25 PM	58.0	57.1	02:00 AM - 02:05 AM	62.2	57.0
08:45 PM - 08:50 PM	59.1	57.8	11:25 PM - 11:30 PM	60.3	57.5	02:05 AM - 02:10 AM	58.1	57.5
08:50 PM - 08:55 PM	57.2	56.9	11:30 PM - 11:35 PM	58.1	56.9	02:10 AM - 02:15 AM	59.3	57.5
08:55 PM - 09:00 PM	58.2	57.6	11:35 PM - 11:40 PM	57.5	57.0	02:15 AM - 02:20 AM	57.7	57.1
09:00 PM - 09:05 PM	58.3	57.9	11:40 PM - 11:45 PM	58.4	57.0	02:20 AM - 02:25 AM	58.0	57.3
09:05 PM - 09:10 PM	58.4	58.1	11:45 PM - 11:50 PM	56.9	56.5	02:25 AM - 02:30 AM	57.9	57.1
09:10 PM - 09:15 PM	58.6	57.2	11:50 PM - 11:55 PM	58.5	57.7	02:30 AM - 02:35 AM	58.1	57.3
09:15 PM - 09:20 PM	57.5	56.5	11:55 PM - 12:00 AM	57.1	56.7	02:35 AM - 02:40 AM	57.7	56.9
09:20 PM - 09:25 PM	57.8	57.4	12:00 AM - 12:05 AM	57.1	56.8	02:40 AM - 02:45 AM	57.4	56.7
09:25 PM - 09:30 PM	57.3	56.6	12:05 AM - 12:10 AM	57.0	56.7	02:45 AM - 02:50 AM	57.2	56.7
09:30 PM - 09:35 PM	57.1	56.8	12:10 AM - 12:15 AM	57.0	56.5	02:50 AM - 02:55 AM	57.5	56.9
09:35 PM - 09:40 PM	57.2	56.8	12:15 AM - 12:20 AM	57.0	56.6	02:55 AM - 03:00 AM	57.2	56.9

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2242905

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316628-1

Page 3 of 3

Sample Number 2242905-7  
 Parameter Noise Level (Leq 5 min)  
 Location รันวัดด้านทิศใต้ของโครงการ (GPS 47P 0672887, 1576265)  
 Measurement Date May 11 - May 12, 2022  
 Measurement by Teeravut Sukdee  
 Sound Level meter Serial No. 01022262

May 12, 2022 Time	Leq dB(A)	L90 dB(A)	May 12, 2022 Time	Leq dB(A)	L90 dB(A)	May 12, 2022 Time	Leq dB(A)	L90 dB(A)
03:00 AM - 03:05 AM	57.5	57.0	05:40 AM - 05:45 AM	58.9	57.5	08:20 AM - 08:25 AM	60.8	58.3
03:05 AM - 03:10 AM	57.6	57.0	05:45 AM - 05:50 AM	59.4	57.6	08:25 AM - 08:30 AM	61.3	59.3
03:10 AM - 03:15 AM	57.1	56.6	05:50 AM - 05:55 AM	59.9	57.5	08:30 AM - 08:35 AM	62.4	59.2
03:15 AM - 03:20 AM	57.5	57.0	05:55 AM - 06:00 AM	58.5	57.5	08:35 AM - 08:40 AM	59.5	57.7
03:20 AM - 03:25 AM	58.1	57.6	06:00 AM - 06:05 AM	59.0	58.1	08:40 AM - 08:45 AM	61.7	57.6
03:25 AM - 03:30 AM	58.6	57.6	06:05 AM - 06:10 AM	58.6	57.2	08:45 AM - 08:50 AM	61.9	58.5
03:30 AM - 03:35 AM	59.9	58.1	06:10 AM - 06:15 AM	59.3	57.8	08:50 AM - 08:55 AM	61.2	57.9
03:35 AM - 03:40 AM	58.2	57.8	06:15 AM - 06:20 AM	61.7	57.3	08:55 AM - 09:00 AM	61.4	58.5
03:40 AM - 03:45 AM	58.0	57.5	06:20 AM - 06:25 AM	61.6	58.1	09:00 AM - 09:05 AM	61.1	58.6
03:45 AM - 03:50 AM	58.0	57.3	06:25 AM - 06:30 AM	59.7	57.2	09:05 AM - 09:10 AM	61.7	58.0
03:50 AM - 03:55 AM	57.7	57.2	06:30 AM - 06:35 AM	59.4	57.4	09:10 AM - 09:15 AM	61.1	58.1
03:55 AM - 04:00 AM	58.7	57.4	06:35 AM - 06:40 AM	60.3	58.3	09:15 AM - 09:20 AM	60.3	58.3
04:00 AM - 04:05 AM	58.0	57.2	06:40 AM - 06:45 AM	59.9	57.8	09:20 AM - 09:25 AM	59.0	57.8
04:05 AM - 04:10 AM	62.2	57.4	06:45 AM - 06:50 AM	59.1	57.9	09:25 AM - 09:30 AM	62.0	58.1
04:10 AM - 04:15 AM	59.4	58.3	06:50 AM - 06:55 AM	59.3	57.6	09:30 AM - 09:35 AM	62.3	59.1
04:15 AM - 04:20 AM	59.3	58.0	06:55 AM - 07:00 AM	58.3	57.4	09:35 AM - 09:40 AM	60.5	58.6
04:20 AM - 04:25 AM	58.3	57.3	07:00 AM - 07:05 AM	57.9	57.2	09:40 AM - 09:45 AM	61.5	58.2
04:25 AM - 04:30 AM	61.4	57.9	07:05 AM - 07:10 AM	60.2	57.4	09:45 AM - 09:50 AM	61.9	59.2
04:30 AM - 04:35 AM	59.2	58.0	07:10 AM - 07:15 AM	59.6	57.7	09:50 AM - 09:55 AM	62.9	58.3
04:35 AM - 04:40 AM	60.1	58.0	07:15 AM - 07:20 AM	60.2	57.6	09:55 AM - 10:00 AM	60.8	59.0
04:40 AM - 04:45 AM	58.6	57.5	07:20 AM - 07:25 AM	59.5	57.8	10:00 AM - 10:05 AM	61.1	58.4
04:45 AM - 04:50 AM	61.5	58.2	07:25 AM - 07:30 AM	58.3	57.2	10:05 AM - 10:10 AM	62.3	59.2
04:50 AM - 04:55 AM	62.2	58.6	07:30 AM - 07:35 AM	58.8	57.9	10:10 AM - 10:15 AM	60.9	58.2
04:55 AM - 05:00 AM	59.5	58.2	07:35 AM - 07:40 AM	60.8	58.1	10:15 AM - 10:20 AM	59.0	58.0
05:00 AM - 05:05 AM	59.8	57.6	07:40 AM - 07:45 AM	59.7	58.0	10:20 AM - 10:25 AM	61.3	58.4
05:05 AM - 05:10 AM	60.0	57.7	07:45 AM - 07:50 AM	58.8	57.6	10:25 AM - 10:30 AM	61.3	58.2
05:10 AM - 05:15 AM	60.6	57.9	07:50 AM - 07:55 AM	61.6	57.9	10:30 AM - 10:35 AM	58.9	57.7
05:15 AM - 05:20 AM	62.1	58.3	07:55 AM - 08:00 AM	59.9	57.8	10:35 AM - 10:40 AM	60.4	58.4
05:20 AM - 05:25 AM	59.5	57.7	08:00 AM - 08:05 AM	59.5	57.7	10:40 AM - 10:45 AM	62.6	57.8
05:25 AM - 05:30 AM	60.0	58.0	08:05 AM - 08:10 AM	59.4	57.8	10:45 AM - 10:50 AM	59.1	57.9
05:30 AM - 05:35 AM	59.5	57.5	08:10 AM - 08:15 AM	59.5	58.0	10:50 AM - 10:55 AM	59.8	58.5
05:35 AM - 05:40 AM	57.8	57.1	08:15 AM - 08:20 AM	60.1	58.0	10:55 AM - 11:00 AM	61.0	58.4

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316629-1

Page 1 of 3

Sample Number 2242905-14  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 05 - May 06, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 05, 2022 Time	Leq dB(A)	L90 dB(A)	May 05, 2022 Time	Leq dB(A)	L90 dB(A)	May 05, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 PM - 02:05 PM	59.7	45.3	04:40 PM - 04:45 PM	56.4	47.5	07:20 PM - 07:25 PM	51.7	49.9
02:05 PM - 02:10 PM	54.3	42.9	04:45 PM - 04:50 PM	59.2	49.7	07:25 PM - 07:30 PM	52.8	50.2
02:10 PM - 02:15 PM	46.1	40.1	04:50 PM - 04:55 PM	58.4	48.5	07:30 PM - 07:35 PM	52.4	50.6
02:15 PM - 02:20 PM	49.6	42.0	04:55 PM - 05:00 PM	55.7	46.6	07:35 PM - 07:40 PM	53.4	50.5
02:20 PM - 02:25 PM	49.7	43.6	05:00 PM - 05:05 PM	54.8	45.9	07:40 PM - 07:45 PM	53.4	51.1
02:25 PM - 02:30 PM	53.3	42.5	05:05 PM - 05:10 PM	54.2	45.9	07:45 PM - 07:50 PM	52.3	50.3
02:30 PM - 02:35 PM	51.3	44.5	05:10 PM - 05:15 PM	52.0	44.9	07:50 PM - 07:55 PM	52.0	50.4
02:35 PM - 02:40 PM	52.3	44.6	05:15 PM - 05:20 PM	53.5	47.2	07:55 PM - 08:00 PM	52.3	50.4
02:40 PM - 02:45 PM	50.7	44.4	05:20 PM - 05:25 PM	53.6	47.2	08:00 PM - 08:05 PM	51.6	50.0
02:45 PM - 02:50 PM	56.0	45.3	05:25 PM - 05:30 PM	51.0	45.6	08:05 PM - 08:10 PM	51.9	49.9
02:50 PM - 02:55 PM	50.6	43.8	05:30 PM - 05:35 PM	50.3	45.9	08:10 PM - 08:15 PM	53.0	50.1
02:55 PM - 03:00 PM	51.6	41.9	05:35 PM - 05:40 PM	51.1	45.3	08:15 PM - 08:20 PM	54.9	50.6
03:00 PM - 03:05 PM	53.8	43.0	05:40 PM - 05:45 PM	57.6	46.7	08:20 PM - 08:25 PM	52.7	50.0
03:05 PM - 03:10 PM	51.5	42.9	05:45 PM - 05:50 PM	56.8	48.0	08:25 PM - 08:30 PM	52.3	49.9
03:10 PM - 03:15 PM	52.0	44.1	05:50 PM - 05:55 PM	51.9	48.0	08:30 PM - 08:35 PM	52.8	49.0
03:15 PM - 03:20 PM	52.2	44.5	05:55 PM - 06:00 PM	52.5	47.8	08:35 PM - 08:40 PM	50.4	48.8
03:20 PM - 03:25 PM	54.7	46.5	06:00 PM - 06:05 PM	55.6	48.3	08:40 PM - 08:45 PM	49.7	48.6
03:25 PM - 03:30 PM	54.1	47.3	06:05 PM - 06:10 PM	51.2	48.2	08:45 PM - 08:50 PM	50.7	48.5
03:30 PM - 03:35 PM	54.0	47.1	06:10 PM - 06:15 PM	51.6	47.6	08:50 PM - 08:55 PM	51.4	49.3
03:35 PM - 03:40 PM	53.6	47.8	06:15 PM - 06:20 PM	55.2	49.7	08:55 PM - 09:00 PM	50.7	48.6
03:40 PM - 03:45 PM	53.6	48.1	06:20 PM - 06:25 PM	54.2	49.7	09:00 PM - 09:05 PM	49.8	48.1
03:45 PM - 03:50 PM	54.6	48.1	06:25 PM - 06:30 PM	54.3	49.2	09:05 PM - 09:10 PM	50.1	48.3
03:50 PM - 03:55 PM	56.6	48.2	06:30 PM - 06:35 PM	55.9	49.6	09:10 PM - 09:15 PM	50.0	47.9
03:55 PM - 04:00 PM	53.6	46.8	06:35 PM - 06:40 PM	54.3	50.2	09:15 PM - 09:20 PM	50.4	47.9
04:00 PM - 04:05 PM	54.0	46.4	06:40 PM - 06:45 PM	52.7	49.5	09:20 PM - 09:25 PM	52.5	47.9
04:05 PM - 04:10 PM	54.0	46.8	06:45 PM - 06:50 PM	52.5	50.0	09:25 PM - 09:30 PM	51.7	48.3
04:10 PM - 04:15 PM	57.6	46.8	06:50 PM - 06:55 PM	55.4	51.2	09:30 PM - 09:35 PM	52.2	47.7
04:15 PM - 04:20 PM	58.5	49.3	06:55 PM - 07:00 PM	54.5	50.3	09:35 PM - 09:40 PM	49.6	48.2
04:20 PM - 04:25 PM	60.6	49.3	07:00 PM - 07:05 PM	54.1	51.8	09:40 PM - 09:45 PM	50.3	47.9
04:25 PM - 04:30 PM	61.7	52.7	07:05 PM - 07:10 PM	52.3	50.1	09:45 PM - 09:50 PM	50.9	47.7
04:30 PM - 04:35 PM	58.2	48.8	07:10 PM - 07:15 PM	53.0	50.9	09:50 PM - 09:55 PM	49.6	48.0
04:35 PM - 04:40 PM	53.9	45.9	07:15 PM - 07:20 PM	56.2	50.9	09:55 PM - 10:00 PM	49.3	47.9

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316629-1

Page 2 of 3

Sample Number 2242905-14  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 05 - May 06, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 05 - May 06, 2022	Leq	L90	May 06, 2022	Leq	L90	May 06, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	50.4	48.1	12:40 AM - 12:45 AM	49.0	48.2	03:20 AM - 03:25 AM	48.2	44.2
10:05 PM - 10:10 PM	50.1	48.3	12:45 AM - 12:50 AM	50.5	48.2	03:25 AM - 03:30 AM	49.7	44.6
10:10 PM - 10:15 PM	55.0	47.1	12:50 AM - 12:55 AM	48.0	46.6	03:30 AM - 03:35 AM	48.3	44.5
10:15 PM - 10:20 PM	48.2	46.3	12:55 AM - 01:00 AM	48.1	47.0	03:35 AM - 03:40 AM	51.3	46.0
10:20 PM - 10:25 PM	51.2	46.5	01:00 AM - 01:05 AM	47.7	46.8	03:40 AM - 03:45 AM	52.8	45.1
10:25 PM - 10:30 PM	52.6	46.4	01:05 AM - 01:10 AM	48.1	46.7	03:45 AM - 03:50 AM	49.6	43.5
10:30 PM - 10:35 PM	47.7	46.1	01:10 AM - 01:15 AM	48.1	46.6	03:50 AM - 03:55 AM	52.4	44.2
10:35 PM - 10:40 PM	47.9	45.9	01:15 AM - 01:20 AM	48.1	46.9	03:55 AM - 04:00 AM	51.0	44.9
10:40 PM - 10:45 PM	49.0	46.3	01:20 AM - 01:25 AM	50.0	47.3	04:00 AM - 04:05 AM	49.6	44.5
10:45 PM - 10:50 PM	47.9	46.6	01:25 AM - 01:30 AM	47.6	46.6	04:05 AM - 04:10 AM	49.9	43.8
10:50 PM - 10:55 PM	50.8	47.4	01:30 AM - 01:35 AM	48.5	47.3	04:10 AM - 04:15 AM	51.4	44.8
10:55 PM - 11:00 PM	50.5	47.2	01:35 AM - 01:40 AM	47.6	47.1	04:15 AM - 04:20 AM	51.4	44.6
11:00 PM - 11:05 PM	47.8	46.9	01:40 AM - 01:45 AM	50.7	47.1	04:20 AM - 04:25 AM	54.6	47.7
11:05 PM - 11:10 PM	48.4	47.3	01:45 AM - 01:50 AM	47.8	46.4	04:25 AM - 04:30 AM	53.1	46.5
11:10 PM - 11:15 PM	49.1	46.9	01:50 AM - 01:55 AM	47.8	47.1	04:30 AM - 04:35 AM	52.7	45.6
11:15 PM - 11:20 PM	49.1	46.7	01:55 AM - 02:00 AM	49.2	47.8	04:35 AM - 04:40 AM	53.2	47.2
11:20 PM - 11:25 PM	48.5	47.1	02:00 AM - 02:05 AM	48.2	46.8	04:40 AM - 04:45 AM	54.3	46.4
11:25 PM - 11:30 PM	49.9	46.9	02:05 AM - 02:10 AM	48.9	46.4	04:45 AM - 04:50 AM	54.3	46.1
11:30 PM - 11:35 PM	48.3	47.2	02:10 AM - 02:15 AM	50.6	46.9	04:50 AM - 04:55 AM	52.7	47.9
11:35 PM - 11:40 PM	48.0	47.2	02:15 AM - 02:20 AM	48.2	46.9	04:55 AM - 05:00 AM	55.1	47.0
11:40 PM - 11:45 PM	48.7	47.5	02:20 AM - 02:25 AM	49.9	47.3	05:00 AM - 05:05 AM	55.0	47.7
11:45 PM - 11:50 PM	48.1	47.2	02:25 AM - 02:30 AM	49.7	46.4	05:05 AM - 05:10 AM	53.7	45.6
11:50 PM - 11:55 PM	48.2	47.2	02:30 AM - 02:35 AM	48.1	46.0	05:10 AM - 05:15 AM	54.2	45.6
11:55 PM - 12:00 AM	48.9	47.2	02:35 AM - 02:40 AM	47.3	45.8	05:15 AM - 05:20 AM	53.3	46.1
12:00 AM - 12:05 AM	48.4	46.7	02:40 AM - 02:45 AM	48.8	45.6	05:20 AM - 05:25 AM	55.8	48.6
12:05 AM - 12:10 AM	48.0	47.1	02:45 AM - 02:50 AM	47.4	44.7	05:25 AM - 05:30 AM	58.9	49.4
12:10 AM - 12:15 AM	49.5	47.0	02:50 AM - 02:55 AM	45.9	43.1	05:30 AM - 05:35 AM	57.2	48.0
12:15 AM - 12:20 AM	48.6	47.2	02:55 AM - 03:00 AM	52.8	43.1	05:35 AM - 05:40 AM	56.0	47.6
12:20 AM - 12:25 AM	47.5	46.7	03:00 AM - 03:05 AM	48.0	45.1	05:40 AM - 05:45 AM	57.0	48.9
12:25 AM - 12:30 AM	47.6	46.5	03:05 AM - 03:10 AM	48.1	45.1	05:45 AM - 05:50 AM	58.0	49.5
12:30 AM - 12:35 AM	48.0	47.1	03:10 AM - 03:15 AM	46.5	44.1	05:50 AM - 05:55 AM	56.6	49.6
12:35 AM - 12:40 AM	47.6	47.1	03:15 AM - 03:20 AM	48.1	44.4	05:55 AM - 06:00 AM	59.6	49.5

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpoin, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316629-1

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Sample Number 2242905-14  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 05 - May 06, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 06, 2022 Time	Leq dB(A)	L90 dB(A)	May 06, 2022 Time	Leq dB(A)	L90 dB(A)	May 06, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 AM - 06:05 AM	55.8	47.1	08:40 AM - 08:45 AM	47.8	41.3	11:20 AM - 11:25 AM	53.0	40.4
06:05 AM - 06:10 AM	56.3	46.8	08:45 AM - 08:50 AM	51.5	41.7	11:25 AM - 11:30 AM	46.8	39.1
06:10 AM - 06:15 AM	53.1	47.6	08:50 AM - 08:55 AM	50.1	43.6	11:30 AM - 11:35 AM	46.4	40.0
06:15 AM - 06:20 AM	54.7	46.3	08:55 AM - 09:00 AM	48.6	41.1	11:35 AM - 11:40 AM	48.9	40.0
06:20 AM - 06:25 AM	55.3	47.7	09:00 AM - 09:05 AM	46.6	39.9	11:40 AM - 11:45 AM	48.4	40.1
06:25 AM - 06:30 AM	54.3	46.7	09:05 AM - 09:10 AM	48.4	42.3	11:45 AM - 11:50 AM	49.9	40.3
06:30 AM - 06:35 AM	55.5	45.1	09:10 AM - 09:15 AM	54.1	41.5	11:50 AM - 11:55 AM	48.3	41.1
06:35 AM - 06:40 AM	58.0	46.3	09:15 AM - 09:20 AM	49.3	40.6	11:55 AM - 12:00 PM	48.4	41.6
06:40 AM - 06:45 AM	52.8	44.5	09:20 AM - 09:25 AM	47.2	40.9	12:00 PM - 12:05 PM	48.8	41.3
06:45 AM - 06:50 AM	54.0	44.4	09:25 AM - 09:30 AM	51.1	40.3	12:05 PM - 12:10 PM	48.8	40.9
06:50 AM - 06:55 AM	54.3	44.3	09:30 AM - 09:35 AM	48.1	40.1	12:10 PM - 12:15 PM	48.6	41.5
06:55 AM - 07:00 AM	47.8	40.5	09:35 AM - 09:40 AM	48.5	40.4	12:15 PM - 12:20 PM	46.7	40.4
07:00 AM - 07:05 AM	49.7	42.1	09:40 AM - 09:45 AM	48.3	41.5	12:20 PM - 12:25 PM	48.8	40.0
07:05 AM - 07:10 AM	50.5	42.2	09:45 AM - 09:50 AM	47.9	39.9	12:25 PM - 12:30 PM	48.7	40.2
07:10 AM - 07:15 AM	51.9	42.0	09:50 AM - 09:55 AM	47.6	39.3	12:30 PM - 12:35 PM	47.3	38.9
07:15 AM - 07:20 AM	50.5	43.4	09:55 AM - 10:00 AM	48.2	41.5	12:35 PM - 12:40 PM	47.2	38.3
07:20 AM - 07:25 AM	51.2	43.1	10:00 AM - 10:05 AM	54.7	41.9	12:40 PM - 12:45 PM	47.8	38.4
07:25 AM - 07:30 AM	47.6	43.0	10:05 AM - 10:10 AM	53.0	39.4	12:45 PM - 12:50 PM	47.5	38.1
07:30 AM - 07:35 AM	46.3	41.7	10:10 AM - 10:15 AM	46.9	38.8	12:50 PM - 12:55 PM	55.6	38.1
07:35 AM - 07:40 AM	49.2	43.1	10:15 AM - 10:20 AM	48.1	39.1	12:55 PM - 01:00 PM	55.9	38.9
07:40 AM - 07:45 AM	47.6	43.2	10:20 AM - 10:25 AM	49.1	38.5	01:00 PM - 01:05 PM	49.5	38.2
07:45 AM - 07:50 AM	51.0	43.0	10:25 AM - 10:30 AM	48.3	38.5	01:05 PM - 01:10 PM	45.9	37.1
07:50 AM - 07:55 AM	59.4	43.3	10:30 AM - 10:35 AM	49.7	39.1	01:10 PM - 01:15 PM	48.3	39.5
07:55 AM - 08:00 AM	48.1	42.1	10:35 AM - 10:40 AM	50.3	40.4	01:15 PM - 01:20 PM	52.5	39.6
08:00 AM - 08:05 AM	52.4	43.2	10:40 AM - 10:45 AM	50.9	42.9	01:20 PM - 01:25 PM	49.5	38.4
08:05 AM - 08:10 AM	51.3	44.7	10:45 AM - 10:50 AM	46.3	37.8	01:25 PM - 01:30 PM	48.2	38.0
08:10 AM - 08:15 AM	50.5	43.3	10:50 AM - 10:55 AM	48.0	39.1	01:30 PM - 01:35 PM	49.1	39.1
08:15 AM - 08:20 AM	48.0	42.1	10:55 AM - 11:00 AM	48.1	37.6	01:35 PM - 01:40 PM	46.9	40.0
08:20 AM - 08:25 AM	49.3	42.5	11:00 AM - 11:05 AM	47.7	39.1	01:40 PM - 01:45 PM	51.2	39.8
08:25 AM - 08:30 AM	47.5	41.7	11:05 AM - 11:10 AM	45.8	38.8	01:45 PM - 01:50 PM	49.5	38.7
08:30 AM - 08:35 AM	48.5	42.2	11:10 AM - 11:15 AM	46.2	38.6	01:50 PM - 01:55 PM	46.8	38.1
08:35 AM - 08:40 AM	48.9	42.5	11:15 AM - 11:20 AM	46.3	39.2	01:55 PM - 02:00 PM	47.4	39.0

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Approved by

Sarayuth Jitranont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316630-1

Page 1 of 3

Sample Number 2242905-15  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 06 - May 07, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 06, 2022 Time	Leq dB(A)	L90 dB(A)	May 06, 2022 Time	Leq dB(A)	L90 dB(A)	May 06, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 PM - 02:05 PM	47.0	38.3	04:40 PM - 04:45 PM	60.5	52.4	07:20 PM - 07:25 PM	50.6	48.2
02:05 PM - 02:10 PM	47.5	38.6	04:45 PM - 04:50 PM	59.1	50.9	07:25 PM - 07:30 PM	51.1	48.3
02:10 PM - 02:15 PM	48.6	38.8	04:50 PM - 04:55 PM	58.6	50.5	07:30 PM - 07:35 PM	50.5	48.6
02:15 PM - 02:20 PM	48.2	41.2	04:55 PM - 05:00 PM	56.5	51.1	07:35 PM - 07:40 PM	51.4	48.5
02:20 PM - 02:25 PM	50.5	38.5	05:00 PM - 05:05 PM	61.4	51.8	07:40 PM - 07:45 PM	50.8	48.6
02:25 PM - 02:30 PM	51.9	39.7	05:05 PM - 05:10 PM	58.8	49.5	07:45 PM - 07:50 PM	49.7	48.0
02:30 PM - 02:35 PM	50.7	41.6	05:10 PM - 05:15 PM	58.1	48.8	07:50 PM - 07:55 PM	50.3	48.5
02:35 PM - 02:40 PM	54.7	46.9	05:15 PM - 05:20 PM	57.4	48.3	07:55 PM - 08:00 PM	54.6	49.2
02:40 PM - 02:45 PM	50.7	42.8	05:20 PM - 05:25 PM	55.7	48.1	08:00 PM - 08:05 PM	51.9	48.5
02:45 PM - 02:50 PM	52.3	44.2	05:25 PM - 05:30 PM	55.0	47.9	08:05 PM - 08:10 PM	49.9	47.8
02:50 PM - 02:55 PM	56.4	46.1	05:30 PM - 05:35 PM	59.8	48.8	08:10 PM - 08:15 PM	50.6	48.0
02:55 PM - 03:00 PM	54.2	46.1	05:35 PM - 05:40 PM	58.6	47.3	08:15 PM - 08:20 PM	49.9	48.2
03:00 PM - 03:05 PM	53.1	45.0	05:40 PM - 05:45 PM	59.1	47.4	08:20 PM - 08:25 PM	54.5	48.4
03:05 PM - 03:10 PM	53.0	42.9	05:45 PM - 05:50 PM	56.0	46.9	08:25 PM - 08:30 PM	55.0	49.0
03:10 PM - 03:15 PM	52.6	45.7	05:50 PM - 05:55 PM	55.4	46.7	08:30 PM - 08:35 PM	52.4	48.7
03:15 PM - 03:20 PM	53.1	46.8	05:55 PM - 06:00 PM	59.2	48.4	08:35 PM - 08:40 PM	53.7	48.9
03:20 PM - 03:25 PM	56.4	47.7	06:00 PM - 06:05 PM	57.8	45.1	08:40 PM - 08:45 PM	50.1	48.9
03:25 PM - 03:30 PM	55.8	47.2	06:05 PM - 06:10 PM	54.6	45.3	08:45 PM - 08:50 PM	50.0	48.7
03:30 PM - 03:35 PM	57.8	48.1	06:10 PM - 06:15 PM	52.6	47.3	08:50 PM - 08:55 PM	50.3	48.7
03:35 PM - 03:40 PM	61.1	49.6	06:15 PM - 06:20 PM	53.8	47.8	08:55 PM - 09:00 PM	49.4	48.5
03:40 PM - 03:45 PM	63.0	51.7	06:20 PM - 06:25 PM	55.2	48.4	09:00 PM - 09:05 PM	51.4	48.6
03:45 PM - 03:50 PM	59.8	51.2	06:25 PM - 06:30 PM	56.3	48.3	09:05 PM - 09:10 PM	50.5	48.3
03:50 PM - 03:55 PM	61.9	53.5	06:30 PM - 06:35 PM	54.2	48.0	09:10 PM - 09:15 PM	50.5	48.3
03:55 PM - 04:00 PM	62.4	55.9	06:35 PM - 06:40 PM	56.7	48.5	09:15 PM - 09:20 PM	49.2	48.3
04:00 PM - 04:05 PM	62.3	55.4	06:40 PM - 06:45 PM	53.3	48.6	09:20 PM - 09:25 PM	50.4	47.6
04:05 PM - 04:10 PM	61.4	54.4	06:45 PM - 06:50 PM	55.6	48.6	09:25 PM - 09:30 PM	49.0	47.5
04:10 PM - 04:15 PM	65.0	52.7	06:50 PM - 06:55 PM	52.2	48.6	09:30 PM - 09:35 PM	48.6	47.8
04:15 PM - 04:20 PM	63.3	51.9	06:55 PM - 07:00 PM	56.3	49.0	09:35 PM - 09:40 PM	49.6	48.0
04:20 PM - 04:25 PM	59.8	51.8	07:00 PM - 07:05 PM	51.8	48.5	09:40 PM - 09:45 PM	49.7	48.2
04:25 PM - 04:30 PM	57.5	50.9	07:05 PM - 07:10 PM	54.5	48.8	09:45 PM - 09:50 PM	56.2	47.9
04:30 PM - 04:35 PM	58.1	51.5	07:10 PM - 07:15 PM	51.0	48.6	09:50 PM - 09:55 PM	49.4	47.8
04:35 PM - 04:40 PM	57.3	50.3	07:15 PM - 07:20 PM	49.6	48.1	09:55 PM - 10:00 PM	49.2	47.6

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316630-1

Page 2 of 3

Sample Number 2242905-15  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 06 - May 07, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 06 - May 07, 2022	Leq	L90	May 07, 2022	Leq	L90	May 07, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	48.6	47.8	12:40 AM - 12:45 AM	48.0	46.4	03:20 AM - 03:25 AM	49.5	45.5
10:05 PM - 10:10 PM	48.7	46.6	12:45 AM - 12:50 AM	46.8	46.2	03:25 AM - 03:30 AM	47.2	43.7
10:10 PM - 10:15 PM	48.1	46.7	12:50 AM - 12:55 AM	47.3	46.3	03:30 AM - 03:35 AM	50.2	43.7
10:15 PM - 10:20 PM	48.1	46.6	12:55 AM - 01:00 AM	46.3	45.2	03:35 AM - 03:40 AM	51.8	44.0
10:20 PM - 10:25 PM	48.6	46.7	01:00 AM - 01:05 AM	45.8	44.8	03:40 AM - 03:45 AM	52.8	44.2
10:25 PM - 10:30 PM	48.0	46.8	01:05 AM - 01:10 AM	45.3	44.7	03:45 AM - 03:50 AM	54.4	43.5
10:30 PM - 10:35 PM	48.8	46.9	01:10 AM - 01:15 AM	45.3	44.6	03:50 AM - 03:55 AM	52.3	44.2
10:35 PM - 10:40 PM	47.6	46.4	01:15 AM - 01:20 AM	45.1	44.3	03:55 AM - 04:00 AM	49.7	43.4
10:40 PM - 10:45 PM	47.6	46.6	01:20 AM - 01:25 AM	47.2	44.4	04:00 AM - 04:05 AM	48.8	43.8
10:45 PM - 10:50 PM	48.8	46.7	01:25 AM - 01:30 AM	45.0	44.3	04:05 AM - 04:10 AM	57.5	45.9
10:50 PM - 10:55 PM	51.8	47.5	01:30 AM - 01:35 AM	45.0	44.1	04:10 AM - 04:15 AM	56.3	45.9
10:55 PM - 11:00 PM	50.5	47.3	01:35 AM - 01:40 AM	45.2	44.4	04:15 AM - 04:20 AM	52.3	45.6
11:00 PM - 11:05 PM	49.0	46.5	01:40 AM - 01:45 AM	45.0	44.3	04:20 AM - 04:25 AM	53.1	47.6
11:05 PM - 11:10 PM	50.3	47.8	01:45 AM - 01:50 AM	45.3	44.4	04:25 AM - 04:30 AM	51.5	46.7
11:10 PM - 11:15 PM	51.7	48.9	01:50 AM - 01:55 AM	44.7	43.7	04:30 AM - 04:35 AM	54.0	45.8
11:15 PM - 11:20 PM	49.9	47.8	01:55 AM - 02:00 AM	45.2	43.7	04:35 AM - 04:40 AM	53.3	46.4
11:20 PM - 11:25 PM	50.1	48.0	02:00 AM - 02:05 AM	44.7	43.7	04:40 AM - 04:45 AM	52.6	45.8
11:25 PM - 11:30 PM	49.8	47.6	02:05 AM - 02:10 AM	45.4	43.8	04:45 AM - 04:50 AM	52.0	45.2
11:30 PM - 11:35 PM	48.9	47.2	02:10 AM - 02:15 AM	45.2	43.9	04:50 AM - 04:55 AM	53.1	46.1
11:35 PM - 11:40 PM	49.8	47.4	02:15 AM - 02:20 AM	46.0	42.3	04:55 AM - 05:00 AM	53.5	46.6
11:40 PM - 11:45 PM	49.9	48.1	02:20 AM - 02:25 AM	47.8	42.3	05:00 AM - 05:05 AM	53.3	44.0
11:45 PM - 11:50 PM	47.1	46.3	02:25 AM - 02:30 AM	43.1	42.3	05:05 AM - 05:10 AM	52.5	43.9
11:50 PM - 11:55 PM	47.8	46.3	02:30 AM - 02:35 AM	44.4	42.6	05:10 AM - 05:15 AM	53.8	44.9
11:55 PM - 12:00 AM	48.1	45.9	02:35 AM - 02:40 AM	47.0	44.9	05:15 AM - 05:20 AM	54.4	46.8
12:00 AM - 12:05 AM	48.5	46.1	02:40 AM - 02:45 AM	48.0	45.5	05:20 AM - 05:25 AM	55.3	46.4
12:05 AM - 12:10 AM	48.6	46.1	02:45 AM - 02:50 AM	51.9	46.1	05:25 AM - 05:30 AM	58.2	51.0
12:10 AM - 12:15 AM	46.3	45.2	02:50 AM - 02:55 AM	48.0	45.4	05:30 AM - 05:35 AM	54.4	46.2
12:15 AM - 12:20 AM	46.3	45.0	02:55 AM - 03:00 AM	47.6	45.8	05:35 AM - 05:40 AM	58.2	49.3
12:20 AM - 12:25 AM	45.7	45.1	03:00 AM - 03:05 AM	47.0	45.7	05:40 AM - 05:45 AM	57.0	48.9
12:25 AM - 12:30 AM	47.6	45.8	03:05 AM - 03:10 AM	47.0	45.5	05:45 AM - 05:50 AM	56.9	47.8
12:30 AM - 12:35 AM	48.4	46.6	03:10 AM - 03:15 AM	47.7	45.6	05:50 AM - 05:55 AM	55.3	48.2
12:35 AM - 12:40 AM	47.2	46.3	03:15 AM - 03:20 AM	47.3	45.5	05:55 AM - 06:00 AM	54.9	44.4

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpoin, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316630-1

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Sample Number 2242905-15  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 06 - May 07, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 07, 2022 Time	Leq dB(A)	L90 dB(A)	May 07, 2022 Time	Leq dB(A)	L90 dB(A)	May 07, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 AM - 06:05 AM	54.9	45.4	08:40 AM - 08:45 AM	48.8	40.9	11:20 AM - 11:25 AM	53.7	45.3
06:05 AM - 06:10 AM	54.9	45.2	08:45 AM - 08:50 AM	47.8	40.5	11:25 AM - 11:30 AM	56.9	45.6
06:10 AM - 06:15 AM	57.0	45.1	08:50 AM - 08:55 AM	48.0	39.3	11:30 AM - 11:35 AM	55.3	45.2
06:15 AM - 06:20 AM	52.9	44.4	08:55 AM - 09:00 AM	46.0	38.4	11:35 AM - 11:40 AM	53.9	44.8
06:20 AM - 06:25 AM	56.3	47.5	09:00 AM - 09:05 AM	47.8	39.7	11:40 AM - 11:45 AM	55.0	44.1
06:25 AM - 06:30 AM	51.9	44.9	09:05 AM - 09:10 AM	48.5	41.0	11:45 AM - 11:50 AM	55.8	45.7
06:30 AM - 06:35 AM	53.2	45.8	09:10 AM - 09:15 AM	47.9	41.1	11:50 AM - 11:55 AM	54.0	44.7
06:35 AM - 06:40 AM	53.7	43.7	09:15 AM - 09:20 AM	48.3	42.3	11:55 AM - 12:00 PM	54.0	45.0
06:40 AM - 06:45 AM	53.0	44.2	09:20 AM - 09:25 AM	48.1	40.1	12:00 PM - 12:05 PM	60.7	53.8
06:45 AM - 06:50 AM	50.7	40.6	09:25 AM - 09:30 AM	46.6	40.0	12:05 PM - 12:10 PM	64.8	55.0
06:50 AM - 06:55 AM	51.5	42.7	09:30 AM - 09:35 AM	44.8	39.4	12:10 PM - 12:15 PM	62.4	55.0
06:55 AM - 07:00 AM	50.6	41.6	09:35 AM - 09:40 AM	48.6	40.0	12:15 PM - 12:20 PM	59.5	54.1
07:00 AM - 07:05 AM	48.2	40.1	09:40 AM - 09:45 AM	49.9	43.3	12:20 PM - 12:25 PM	63.9	56.5
07:05 AM - 07:10 AM	50.9	41.0	09:45 AM - 09:50 AM	48.0	43.4	12:25 PM - 12:30 PM	65.2	62.9
07:10 AM - 07:15 AM	57.5	41.7	09:50 AM - 09:55 AM	49.1	42.2	12:30 PM - 12:35 PM	67.5	63.1
07:15 AM - 07:20 AM	48.8	41.5	09:55 AM - 10:00 AM	51.3	40.3	12:35 PM - 12:40 PM	62.8	54.7
07:20 AM - 07:25 AM	51.9	41.7	10:00 AM - 10:05 AM	50.5	42.0	12:40 PM - 12:45 PM	54.6	49.3
07:25 AM - 07:30 AM	53.0	41.2	10:05 AM - 10:10 AM	49.4	42.1	12:45 PM - 12:50 PM	54.9	48.5
07:30 AM - 07:35 AM	49.7	40.3	10:10 AM - 10:15 AM	50.5	42.2	12:50 PM - 12:55 PM	56.5	48.2
07:35 AM - 07:40 AM	53.0	41.7	10:15 AM - 10:20 AM	48.5	41.8	12:55 PM - 01:00 PM	55.7	49.2
07:40 AM - 07:45 AM	50.3	42.1	10:20 AM - 10:25 AM	59.0	45.8	01:00 PM - 01:05 PM	55.9	51.2
07:45 AM - 07:50 AM	48.5	40.5	10:25 AM - 10:30 AM	52.4	44.8	01:05 PM - 01:10 PM	59.9	56.8
07:50 AM - 07:55 AM	49.2	41.6	10:30 AM - 10:35 AM	49.3	44.4	01:10 PM - 01:15 PM	59.9	55.1
07:55 AM - 08:00 AM	48.6	39.8	10:35 AM - 10:40 AM	48.8	41.6	01:15 PM - 01:20 PM	57.9	52.0
08:00 AM - 08:05 AM	49.5	41.4	10:40 AM - 10:45 AM	48.1	43.0	01:20 PM - 01:25 PM	57.4	53.1
08:05 AM - 08:10 AM	51.7	41.2	10:45 AM - 10:50 AM	49.3	40.6	01:25 PM - 01:30 PM	60.7	55.8
08:10 AM - 08:15 AM	50.8	41.9	10:50 AM - 10:55 AM	48.8	40.6	01:30 PM - 01:35 PM	58.1	54.3
08:15 AM - 08:20 AM	49.8	41.3	10:55 AM - 11:00 AM	48.7	41.7	01:35 PM - 01:40 PM	55.7	51.9
08:20 AM - 08:25 AM	49.7	42.6	11:00 AM - 11:05 AM	50.2	44.1	01:40 PM - 01:45 PM	59.5	55.9
08:25 AM - 08:30 AM	47.7	41.2	11:05 AM - 11:10 AM	53.3	43.2	01:45 PM - 01:50 PM	61.5	60.0
08:30 AM - 08:35 AM	49.9	41.2	11:10 AM - 11:15 AM	55.3	46.0	01:50 PM - 01:55 PM	61.1	58.2
08:35 AM - 08:40 AM	46.8	40.2	11:15 AM - 11:20 AM	52.9	45.5	01:55 PM - 02:00 PM	64.8	61.6

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316631-1

Page 1 of 3

Sample Number 2242905-16  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 07 - May 08, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 07, 2022 Time	Leq dB(A)	L90 dB(A)	May 07, 2022 Time	Leq dB(A)	L90 dB(A)	May 07, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 PM - 02:05 PM	62.9	61.2	04:40 PM - 04:45 PM	52.7	47.8	07:20 PM - 07:25 PM	49.9	46.8
02:05 PM - 02:10 PM	62.5	60.5	04:45 PM - 04:50 PM	52.8	48.5	07:25 PM - 07:30 PM	49.8	46.6
02:10 PM - 02:15 PM	59.8	57.9	04:50 PM - 04:55 PM	52.6	48.0	07:30 PM - 07:35 PM	50.0	45.6
02:15 PM - 02:20 PM	59.7	58.0	04:55 PM - 05:00 PM	52.5	47.7	07:35 PM - 07:40 PM	52.5	46.1
02:20 PM - 02:25 PM	56.5	53.9	05:00 PM - 05:05 PM	51.1	47.5	07:40 PM - 07:45 PM	48.6	45.0
02:25 PM - 02:30 PM	57.5	52.5	05:05 PM - 05:10 PM	55.1	47.8	07:45 PM - 07:50 PM	56.2	45.4
02:30 PM - 02:35 PM	57.9	50.8	05:10 PM - 05:15 PM	51.7	47.4	07:50 PM - 07:55 PM	47.2	45.0
02:35 PM - 02:40 PM	58.6	52.5	05:15 PM - 05:20 PM	50.9	46.3	07:55 PM - 08:00 PM	47.8	45.3
02:40 PM - 02:45 PM	60.9	55.0	05:20 PM - 05:25 PM	54.7	46.9	08:00 PM - 08:05 PM	50.2	45.2
02:45 PM - 02:50 PM	60.2	56.9	05:25 PM - 05:30 PM	53.9	48.4	08:05 PM - 08:10 PM	47.2	45.3
02:50 PM - 02:55 PM	61.0	57.8	05:30 PM - 05:35 PM	53.8	47.7	08:10 PM - 08:15 PM	47.3	45.4
02:55 PM - 03:00 PM	60.4	58.2	05:35 PM - 05:40 PM	51.7	47.3	08:15 PM - 08:20 PM	48.0	45.5
03:00 PM - 03:05 PM	59.1	57.0	05:40 PM - 05:45 PM	53.2	46.9	08:20 PM - 08:25 PM	48.4	43.7
03:05 PM - 03:10 PM	58.4	55.9	05:45 PM - 05:50 PM	54.2	48.1	08:25 PM - 08:30 PM	49.8	44.3
03:10 PM - 03:15 PM	58.4	55.0	05:50 PM - 05:55 PM	53.5	47.4	08:30 PM - 08:35 PM	47.7	44.4
03:15 PM - 03:20 PM	58.3	54.6	05:55 PM - 06:00 PM	54.4	47.5	08:35 PM - 08:40 PM	46.2	43.5
03:20 PM - 03:25 PM	58.4	54.0	06:00 PM - 06:05 PM	52.0	45.9	08:40 PM - 08:45 PM	46.6	43.4
03:25 PM - 03:30 PM	58.1	53.4	06:05 PM - 06:10 PM	50.0	46.1	08:45 PM - 08:50 PM	46.8	43.0
03:30 PM - 03:35 PM	55.2	52.4	06:10 PM - 06:15 PM	50.5	45.9	08:50 PM - 08:55 PM	48.1	43.9
03:35 PM - 03:40 PM	55.8	52.2	06:15 PM - 06:20 PM	50.8	47.0	08:55 PM - 09:00 PM	49.0	45.2
03:40 PM - 03:45 PM	55.4	52.5	06:20 PM - 06:25 PM	52.8	48.1	09:00 PM - 09:05 PM	49.2	44.4
03:45 PM - 03:50 PM	55.6	52.4	06:25 PM - 06:30 PM	53.3	47.6	09:05 PM - 09:10 PM	48.6	44.4
03:50 PM - 03:55 PM	56.7	52.6	06:30 PM - 06:35 PM	51.6	48.0	09:10 PM - 09:15 PM	47.6	45.2
03:55 PM - 04:00 PM	56.8	50.9	06:35 PM - 06:40 PM	55.5	50.0	09:15 PM - 09:20 PM	48.1	45.5
04:00 PM - 04:05 PM	54.9	49.5	06:40 PM - 06:45 PM	54.1	50.2	09:20 PM - 09:25 PM	48.0	44.7
04:05 PM - 04:10 PM	54.4	50.1	06:45 PM - 06:50 PM	53.0	48.9	09:25 PM - 09:30 PM	53.5	44.6
04:10 PM - 04:15 PM	54.1	49.2	06:50 PM - 06:55 PM	52.3	46.7	09:30 PM - 09:35 PM	44.2	43.0
04:15 PM - 04:20 PM	58.2	48.7	06:55 PM - 07:00 PM	51.9	47.1	09:35 PM - 09:40 PM	45.4	42.4
04:20 PM - 04:25 PM	57.2	51.2	07:00 PM - 07:05 PM	50.5	46.6	09:40 PM - 09:45 PM	46.5	42.9
04:25 PM - 04:30 PM	54.7	48.9	07:05 PM - 07:10 PM	55.0	46.5	09:45 PM - 09:50 PM	46.8	42.8
04:30 PM - 04:35 PM	51.6	47.6	07:10 PM - 07:15 PM	49.9	46.5	09:50 PM - 09:55 PM	47.1	43.8
04:35 PM - 04:40 PM	53.1	48.6	07:15 PM - 07:20 PM	50.0	46.4	09:55 PM - 10:00 PM	51.1	43.2

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Approved by

Sarayuth Jitranont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316631-1

Page 2 of 3

Sample Number 2242905-16  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 07 - May 08, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 07 - May 08, 2022	Leq	L90	May 08, 2022	Leq	L90	May 08, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	46.3	43.1	12:40 AM - 12:45 AM	50.1	47.6	03:20 AM - 03:25 AM	48.0	45.1
10:05 PM - 10:10 PM	45.1	42.5	12:45 AM - 12:50 AM	48.2	47.2	03:25 AM - 03:30 AM	51.3	46.2
10:10 PM - 10:15 PM	46.7	42.2	12:50 AM - 12:55 AM	48.3	47.2	03:30 AM - 03:35 AM	48.1	45.3
10:15 PM - 10:20 PM	48.8	42.6	12:55 AM - 01:00 AM	48.1	47.3	03:35 AM - 03:40 AM	51.8	46.2
10:20 PM - 10:25 PM	45.7	42.7	01:00 AM - 01:05 AM	48.2	47.3	03:40 AM - 03:45 AM	52.4	46.7
10:25 PM - 10:30 PM	46.0	42.6	01:05 AM - 01:10 AM	48.4	47.3	03:45 AM - 03:50 AM	49.8	44.8
10:30 PM - 10:35 PM	44.5	42.1	01:10 AM - 01:15 AM	49.0	46.5	03:50 AM - 03:55 AM	51.4	45.5
10:35 PM - 10:40 PM	45.2	42.4	01:15 AM - 01:20 AM	50.7	46.7	03:55 AM - 04:00 AM	49.7	45.3
10:40 PM - 10:45 PM	44.1	41.7	01:20 AM - 01:25 AM	47.6	46.3	04:00 AM - 04:05 AM	48.0	44.8
10:45 PM - 10:50 PM	46.7	42.2	01:25 AM - 01:30 AM	47.8	46.5	04:05 AM - 04:10 AM	51.3	46.0
10:50 PM - 10:55 PM	48.7	44.4	01:30 AM - 01:35 AM	47.7	46.1	04:10 AM - 04:15 AM	50.5	45.4
10:55 PM - 11:00 PM	48.5	47.2	01:35 AM - 01:40 AM	47.7	46.7	04:15 AM - 04:20 AM	51.8	45.6
11:00 PM - 11:05 PM	50.2	46.7	01:40 AM - 01:45 AM	47.6	46.6	04:20 AM - 04:25 AM	51.4	45.8
11:05 PM - 11:10 PM	49.1	46.9	01:45 AM - 01:50 AM	48.6	46.8	04:25 AM - 04:30 AM	52.2	46.7
11:10 PM - 11:15 PM	47.8	46.6	01:50 AM - 01:55 AM	47.8	46.1	04:30 AM - 04:35 AM	56.3	46.1
11:15 PM - 11:20 PM	49.6	47.0	01:55 AM - 02:00 AM	48.8	45.6	04:35 AM - 04:40 AM	55.2	44.1
11:20 PM - 11:25 PM	50.7	47.0	02:00 AM - 02:05 AM	47.0	45.5	04:40 AM - 04:45 AM	53.9	45.5
11:25 PM - 11:30 PM	47.5	46.3	02:05 AM - 02:10 AM	48.3	46.3	04:45 AM - 04:50 AM	54.1	44.4
11:30 PM - 11:35 PM	48.5	46.3	02:10 AM - 02:15 AM	47.9	46.4	04:50 AM - 04:55 AM	56.2	47.5
11:35 PM - 11:40 PM	48.0	45.9	02:15 AM - 02:20 AM	48.1	46.5	04:55 AM - 05:00 AM	55.9	46.1
11:40 PM - 11:45 PM	49.6	45.9	02:20 AM - 02:25 AM	47.8	46.0	05:00 AM - 05:05 AM	54.9	46.7
11:45 PM - 11:50 PM	45.7	41.4	02:25 AM - 02:30 AM	48.9	46.9	05:05 AM - 05:10 AM	51.3	45.1
11:50 PM - 11:55 PM	48.1	40.1	02:30 AM - 02:35 AM	48.1	46.7	05:10 AM - 05:15 AM	52.6	45.0
11:55 PM - 12:00 AM	45.9	40.6	02:35 AM - 02:40 AM	47.8	46.8	05:15 AM - 05:20 AM	52.9	46.2
12:00 AM - 12:05 AM	44.7	41.2	02:40 AM - 02:45 AM	49.4	46.4	05:20 AM - 05:25 AM	51.1	46.0
12:05 AM - 12:10 AM	47.0	41.3	02:45 AM - 02:50 AM	47.8	46.8	05:25 AM - 05:30 AM	53.1	46.5
12:10 AM - 12:15 AM	44.1	41.2	02:50 AM - 02:55 AM	51.0	47.4	05:30 AM - 05:35 AM	51.7	45.2
12:15 AM - 12:20 AM	48.5	46.6	02:55 AM - 03:00 AM	49.0	47.5	05:35 AM - 05:40 AM	59.2	46.1
12:20 AM - 12:25 AM	48.6	47.3	03:00 AM - 03:05 AM	49.0	47.8	05:40 AM - 05:45 AM	54.5	46.3
12:25 AM - 12:30 AM	48.8	47.6	03:05 AM - 03:10 AM	50.1	48.0	05:45 AM - 05:50 AM	56.1	47.2
12:30 AM - 12:35 AM	48.1	47.2	03:10 AM - 03:15 AM	48.8	47.4	05:50 AM - 05:55 AM	56.2	46.2
12:35 AM - 12:40 AM	48.2	47.3	03:15 AM - 03:20 AM	46.8	43.9	05:55 AM - 06:00 AM	54.4	45.0

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316631-1

Page 3 of 3

Sample Number 2242905-16  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 07 - May 08, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 08, 2022 Time	Leq dB(A)	L90 dB(A)	May 08, 2022 Time	Leq dB(A)	L90 dB(A)	May 08, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 AM - 06:05 AM	58.3	46.2	08:40 AM - 08:45 AM	51.6	43.1	11:20 AM - 11:25 AM	49.1	44.6
06:05 AM - 06:10 AM	54.9	45.2	08:45 AM - 08:50 AM	52.4	42.6	11:25 AM - 11:30 AM	50.5	46.2
06:10 AM - 06:15 AM	50.4	44.3	08:50 AM - 08:55 AM	53.8	43.6	11:30 AM - 11:35 AM	51.2	45.9
06:15 AM - 06:20 AM	55.8	46.8	08:55 AM - 09:00 AM	53.2	43.3	11:35 AM - 11:40 AM	50.3	45.0
06:20 AM - 06:25 AM	57.1	47.1	09:00 AM - 09:05 AM	55.2	42.7	11:40 AM - 11:45 AM	50.7	46.2
06:25 AM - 06:30 AM	57.9	46.3	09:05 AM - 09:10 AM	53.7	42.5	11:45 AM - 11:50 AM	53.5	46.9
06:30 AM - 06:35 AM	52.2	44.3	09:10 AM - 09:15 AM	50.4	43.1	11:50 AM - 11:55 AM	52.4	45.5
06:35 AM - 06:40 AM	51.7	45.5	09:15 AM - 09:20 AM	49.4	41.5	11:55 AM - 12:00 PM	51.6	46.1
06:40 AM - 06:45 AM	50.3	44.9	09:20 AM - 09:25 AM	49.9	42.9	12:00 PM - 12:05 PM	60.5	51.8
06:45 AM - 06:50 AM	51.1	45.1	09:25 AM - 09:30 AM	53.7	42.8	12:05 PM - 12:10 PM	69.5	56.8
06:50 AM - 06:55 AM	51.0	45.0	09:30 AM - 09:35 AM	50.2	41.6	12:10 PM - 12:15 PM	65.5	60.4
06:55 AM - 07:00 AM	52.8	44.6	09:35 AM - 09:40 AM	53.9	43.3	12:15 PM - 12:20 PM	56.6	54.2
07:00 AM - 07:05 AM	50.6	45.1	09:40 AM - 09:45 AM	56.1	46.9	12:20 PM - 12:25 PM	56.1	53.3
07:05 AM - 07:10 AM	51.5	46.5	09:45 AM - 09:50 AM	57.1	50.0	12:25 PM - 12:30 PM	54.1	51.8
07:10 AM - 07:15 AM	50.9	44.4	09:50 AM - 09:55 AM	54.4	49.9	12:30 PM - 12:35 PM	55.3	51.3
07:15 AM - 07:20 AM	52.5	44.9	09:55 AM - 10:00 AM	56.1	48.8	12:35 PM - 12:40 PM	54.7	51.9
07:20 AM - 07:25 AM	53.3	45.5	10:00 AM - 10:05 AM	55.5	46.3	12:40 PM - 12:45 PM	55.6	50.6
07:25 AM - 07:30 AM	55.7	46.5	10:05 AM - 10:10 AM	53.6	49.9	12:45 PM - 12:50 PM	52.7	49.7
07:30 AM - 07:35 AM	50.7	45.2	10:10 AM - 10:15 AM	52.5	42.8	12:50 PM - 12:55 PM	52.3	49.5
07:35 AM - 07:40 AM	53.3	45.1	10:15 AM - 10:20 AM	51.2	43.8	12:55 PM - 01:00 PM	56.5	46.9
07:40 AM - 07:45 AM	54.2	45.5	10:20 AM - 10:25 AM	55.0	46.5	01:00 PM - 01:05 PM	51.7	45.6
07:45 AM - 07:50 AM	55.2	45.5	10:25 AM - 10:30 AM	50.3	42.8	01:05 PM - 01:10 PM	55.7	45.3
07:50 AM - 07:55 AM	53.6	45.2	10:30 AM - 10:35 AM	49.6	42.5	01:10 PM - 01:15 PM	50.9	44.0
07:55 AM - 08:00 AM	52.1	42.9	10:35 AM - 10:40 AM	49.8	42.5	01:15 PM - 01:20 PM	55.0	48.3
08:00 AM - 08:05 AM	51.7	43.2	10:40 AM - 10:45 AM	48.6	42.1	01:20 PM - 01:25 PM	54.1	46.0
08:05 AM - 08:10 AM	51.0	44.7	10:45 AM - 10:50 AM	50.1	41.6	01:25 PM - 01:30 PM	55.5	46.6
08:10 AM - 08:15 AM	54.0	46.2	10:50 AM - 10:55 AM	52.8	41.8	01:30 PM - 01:35 PM	60.2	46.9
08:15 AM - 08:20 AM	60.2	47.3	10:55 AM - 11:00 AM	49.4	42.4	01:35 PM - 01:40 PM	53.7	45.8
08:20 AM - 08:25 AM	56.8	45.7	11:00 AM - 11:05 AM	50.7	42.8	01:40 PM - 01:45 PM	55.8	44.7
08:25 AM - 08:30 AM	60.5	46.3	11:05 AM - 11:10 AM	50.3	42.9	01:45 PM - 01:50 PM	56.2	44.6
08:30 AM - 08:35 AM	53.7	41.8	11:10 AM - 11:15 AM	50.3	43.0	01:50 PM - 01:55 PM	53.9	45.5
08:35 AM - 08:40 AM	53.1	43.2	11:15 AM - 11:20 AM	50.9	45.3	01:55 PM - 02:00 PM	60.8	49.4

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpoin, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316632-1

Page 1 of 3

Sample Number 2242905-17  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 08 - May 09, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 08, 2022 Time	Leq dB(A)	L90 dB(A)	May 08, 2022 Time	Leq dB(A)	L90 dB(A)	May 08, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 PM - 02:05 PM	53.9	45.7	04:40 PM - 04:45 PM	60.0	51.2	07:20 PM - 07:25 PM	51.8	50.3
02:05 PM - 02:10 PM	55.0	44.9	04:45 PM - 04:50 PM	57.7	49.8	07:25 PM - 07:30 PM	53.1	50.1
02:10 PM - 02:15 PM	57.0	46.4	04:50 PM - 04:55 PM	58.4	48.5	07:30 PM - 07:35 PM	52.7	50.3
02:15 PM - 02:20 PM	55.9	47.4	04:55 PM - 05:00 PM	65.5	48.9	07:35 PM - 07:40 PM	52.3	50.2
02:20 PM - 02:25 PM	55.6	48.3	05:00 PM - 05:05 PM	63.4	51.9	07:40 PM - 07:45 PM	52.2	49.8
02:25 PM - 02:30 PM	57.5	47.8	05:05 PM - 05:10 PM	60.5	50.4	07:45 PM - 07:50 PM	51.8	49.9
02:30 PM - 02:35 PM	56.6	47.0	05:10 PM - 05:15 PM	62.2	51.1	07:50 PM - 07:55 PM	50.8	49.3
02:35 PM - 02:40 PM	55.3	46.6	05:15 PM - 05:20 PM	59.7	51.0	07:55 PM - 08:00 PM	52.1	49.9
02:40 PM - 02:45 PM	55.7	46.3	05:20 PM - 05:25 PM	61.4	50.4	08:00 PM - 08:05 PM	56.0	50.2
02:45 PM - 02:50 PM	53.0	45.0	05:25 PM - 05:30 PM	61.3	51.0	08:05 PM - 08:10 PM	50.9	49.8
02:50 PM - 02:55 PM	55.9	45.2	05:30 PM - 05:35 PM	60.9	51.4	08:10 PM - 08:15 PM	50.7	49.7
02:55 PM - 03:00 PM	57.9	47.7	05:35 PM - 05:40 PM	58.7	51.6	08:15 PM - 08:20 PM	50.6	49.7
03:00 PM - 03:05 PM	56.5	45.7	05:40 PM - 05:45 PM	56.1	50.9	08:20 PM - 08:25 PM	51.5	49.4
03:05 PM - 03:10 PM	54.8	46.4	05:45 PM - 05:50 PM	57.3	50.4	08:25 PM - 08:30 PM	50.7	49.3
03:10 PM - 03:15 PM	56.4	47.3	05:50 PM - 05:55 PM	56.6	50.6	08:30 PM - 08:35 PM	50.1	49.2
03:15 PM - 03:20 PM	64.3	50.1	05:55 PM - 06:00 PM	58.3	51.4	08:35 PM - 08:40 PM	51.7	47.9
03:20 PM - 03:25 PM	54.4	46.2	06:00 PM - 06:05 PM	58.0	51.5	08:40 PM - 08:45 PM	49.8	48.0
03:25 PM - 03:30 PM	52.2	46.1	06:05 PM - 06:10 PM	56.7	51.2	08:45 PM - 08:50 PM	50.0	47.6
03:30 PM - 03:35 PM	54.4	47.3	06:10 PM - 06:15 PM	55.3	52.5	08:50 PM - 08:55 PM	49.7	47.6
03:35 PM - 03:40 PM	55.3	48.7	06:15 PM - 06:20 PM	58.3	53.3	08:55 PM - 09:00 PM	48.4	47.3
03:40 PM - 03:45 PM	61.4	49.5	06:20 PM - 06:25 PM	56.6	52.6	09:00 PM - 09:05 PM	48.2	47.0
03:45 PM - 03:50 PM	56.6	49.0	06:25 PM - 06:30 PM	57.2	52.4	09:05 PM - 09:10 PM	49.5	45.5
03:50 PM - 03:55 PM	58.3	49.3	06:30 PM - 06:35 PM	57.8	52.3	09:10 PM - 09:15 PM	47.1	45.0
03:55 PM - 04:00 PM	61.7	51.5	06:35 PM - 06:40 PM	61.0	51.6	09:15 PM - 09:20 PM	47.9	45.0
04:00 PM - 04:05 PM	62.9	52.5	06:40 PM - 06:45 PM	56.8	50.5	09:20 PM - 09:25 PM	47.6	44.6
04:05 PM - 04:10 PM	61.8	54.6	06:45 PM - 06:50 PM	52.2	50.2	09:25 PM - 09:30 PM	49.5	45.6
04:10 PM - 04:15 PM	62.0	54.3	06:50 PM - 06:55 PM	52.0	50.1	09:30 PM - 09:35 PM	48.2	46.8
04:15 PM - 04:20 PM	59.4	52.5	06:55 PM - 07:00 PM	52.9	50.5	09:35 PM - 09:40 PM	49.8	47.4
04:20 PM - 04:25 PM	60.8	52.1	07:00 PM - 07:05 PM	51.4	49.8	09:40 PM - 09:45 PM	49.5	47.7
04:25 PM - 04:30 PM	59.2	50.7	07:05 PM - 07:10 PM	55.2	50.2	09:45 PM - 09:50 PM	51.6	47.3
04:30 PM - 04:35 PM	58.7	50.5	07:10 PM - 07:15 PM	52.7	50.4	09:50 PM - 09:55 PM	50.9	47.2
04:35 PM - 04:40 PM	58.7	50.8	07:15 PM - 07:20 PM	53.7	50.4	09:55 PM - 10:00 PM	47.7	45.2

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316632-1

Page 2 of 3

Sample Number 2242905-17  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 08 - May 09, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 08 - May 09, 2022	Leq	L90	May 09, 2022	Leq	L90	May 09, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	46.8	43.9	12:40 AM - 12:45 AM	44.8	43.4	03:20 AM - 03:25 AM	50.6	44.0
10:05 PM - 10:10 PM	48.0	43.8	12:45 AM - 12:50 AM	44.5	43.7	03:25 AM - 03:30 AM	50.1	44.9
10:10 PM - 10:15 PM	45.1	43.9	12:50 AM - 12:55 AM	44.2	43.2	03:30 AM - 03:35 AM	50.1	44.9
10:15 PM - 10:20 PM	45.0	43.7	12:55 AM - 01:00 AM	44.6	43.3	03:35 AM - 03:40 AM	54.3	45.5
10:20 PM - 10:25 PM	45.3	43.6	01:00 AM - 01:05 AM	43.9	43.4	03:40 AM - 03:45 AM	50.4	45.2
10:25 PM - 10:30 PM	47.8	43.7	01:05 AM - 01:10 AM	45.0	43.5	03:45 AM - 03:50 AM	51.5	46.0
10:30 PM - 10:35 PM	46.3	43.7	01:10 AM - 01:15 AM	45.7	44.0	03:50 AM - 03:55 AM	51.9	46.3
10:35 PM - 10:40 PM	48.2	44.0	01:15 AM - 01:20 AM	46.4	43.9	03:55 AM - 04:00 AM	49.9	46.2
10:40 PM - 10:45 PM	50.5	43.9	01:20 AM - 01:25 AM	44.6	41.3	04:00 AM - 04:05 AM	52.1	45.7
10:45 PM - 10:50 PM	51.4	42.3	01:25 AM - 01:30 AM	43.3	41.1	04:05 AM - 04:10 AM	50.8	46.2
10:50 PM - 10:55 PM	46.5	42.2	01:30 AM - 01:35 AM	43.8	41.4	04:10 AM - 04:15 AM	51.7	47.0
10:55 PM - 11:00 PM	44.1	42.2	01:35 AM - 01:40 AM	41.2	39.7	04:15 AM - 04:20 AM	53.3	48.6
11:00 PM - 11:05 PM	47.0	43.1	01:40 AM - 01:45 AM	43.6	40.3	04:20 AM - 04:25 AM	54.7	48.5
11:05 PM - 11:10 PM	46.1	43.5	01:45 AM - 01:50 AM	42.3	41.0	04:25 AM - 04:30 AM	59.6	50.0
11:10 PM - 11:15 PM	47.3	44.0	01:50 AM - 01:55 AM	40.7	39.7	04:30 AM - 04:35 AM	58.0	49.3
11:15 PM - 11:20 PM	46.3	44.0	01:55 AM - 02:00 AM	43.0	40.6	04:35 AM - 04:40 AM	53.9	49.0
11:20 PM - 11:25 PM	47.5	45.7	02:00 AM - 02:05 AM	42.9	40.3	04:40 AM - 04:45 AM	55.4	49.1
11:25 PM - 11:30 PM	47.7	46.3	02:05 AM - 02:10 AM	48.0	40.3	04:45 AM - 04:50 AM	53.4	48.8
11:30 PM - 11:35 PM	47.9	45.6	02:10 AM - 02:15 AM	43.0	39.9	04:50 AM - 04:55 AM	56.4	48.2
11:35 PM - 11:40 PM	47.1	45.6	02:15 AM - 02:20 AM	40.8	40.0	04:55 AM - 05:00 AM	55.8	48.9
11:40 PM - 11:45 PM	47.2	45.6	02:20 AM - 02:25 AM	45.0	40.9	05:00 AM - 05:05 AM	56.3	48.5
11:45 PM - 11:50 PM	48.1	45.5	02:25 AM - 02:30 AM	47.3	40.5	05:05 AM - 05:10 AM	57.6	49.0
11:50 PM - 11:55 PM	46.3	45.1	02:30 AM - 02:35 AM	44.1	40.7	05:10 AM - 05:15 AM	56.4	49.6
11:55 PM - 12:00 AM	48.0	45.0	02:35 AM - 02:40 AM	43.9	40.9	05:15 AM - 05:20 AM	55.9	50.7
12:00 AM - 12:05 AM	46.1	45.0	02:40 AM - 02:45 AM	44.4	40.9	05:20 AM - 05:25 AM	57.2	49.2
12:05 AM - 12:10 AM	45.7	44.3	02:45 AM - 02:50 AM	45.5	41.6	05:25 AM - 05:30 AM	58.0	49.2
12:10 AM - 12:15 AM	44.7	43.9	02:50 AM - 02:55 AM	46.6	41.8	05:30 AM - 05:35 AM	59.2	49.1
12:15 AM - 12:20 AM	47.8	44.5	02:55 AM - 03:00 AM	44.6	41.3	05:35 AM - 05:40 AM	58.3	47.7
12:20 AM - 12:25 AM	46.1	44.3	03:00 AM - 03:05 AM	46.3	41.9	05:40 AM - 05:45 AM	57.3	48.4
12:25 AM - 12:30 AM	50.9	43.3	03:05 AM - 03:10 AM	48.4	42.1	05:45 AM - 05:50 AM	53.5	46.2
12:30 AM - 12:35 AM	45.3	43.4	03:10 AM - 03:15 AM	47.1	42.0	05:50 AM - 05:55 AM	54.0	46.0
12:35 AM - 12:40 AM	47.3	43.6	03:15 AM - 03:20 AM	50.1	41.7	05:55 AM - 06:00 AM	53.4	45.5

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316632-1

Page 3 of 3

Sample Number 2242905-17  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 08 - May 09, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 09, 2022 Time	Leq dB(A)	L90 dB(A)	May 09, 2022 Time	Leq dB(A)	L90 dB(A)	May 09, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 AM - 06:05 AM	54.5	45.7	08:40 AM - 08:45 AM	48.1	41.1	11:20 AM - 11:25 AM	53.7	47.4
06:05 AM - 06:10 AM	54.7	45.5	08:45 AM - 08:50 AM	49.1	42.0	11:25 AM - 11:30 AM	52.1	44.8
06:10 AM - 06:15 AM	53.5	45.8	08:50 AM - 08:55 AM	50.2	41.6	11:30 AM - 11:35 AM	53.6	47.6
06:15 AM - 06:20 AM	52.5	45.2	08:55 AM - 09:00 AM	52.9	43.5	11:35 AM - 11:40 AM	50.0	45.5
06:20 AM - 06:25 AM	50.5	43.7	09:00 AM - 09:05 AM	48.9	42.8	11:40 AM - 11:45 AM	51.8	46.3
06:25 AM - 06:30 AM	52.2	44.6	09:05 AM - 09:10 AM	50.3	42.6	11:45 AM - 11:50 AM	51.8	47.1
06:30 AM - 06:35 AM	57.5	45.2	09:10 AM - 09:15 AM	49.2	42.7	11:50 AM - 11:55 AM	50.8	46.4
06:35 AM - 06:40 AM	57.6	44.9	09:15 AM - 09:20 AM	49.0	42.3	11:55 AM - 12:00 PM	50.6	45.9
06:40 AM - 06:45 AM	56.5	44.7	09:20 AM - 09:25 AM	53.9	42.3	12:00 PM - 12:05 PM	51.9	47.8
06:45 AM - 06:50 AM	50.3	43.3	09:25 AM - 09:30 AM	48.4	41.9	12:05 PM - 12:10 PM	51.0	46.6
06:50 AM - 06:55 AM	51.2	44.7	09:30 AM - 09:35 AM	48.0	42.1	12:10 PM - 12:15 PM	52.6	48.2
06:55 AM - 07:00 AM	53.2	45.3	09:35 AM - 09:40 AM	48.1	41.8	12:15 PM - 12:20 PM	49.9	45.6
07:00 AM - 07:05 AM	52.7	43.0	09:40 AM - 09:45 AM	49.0	40.0	12:20 PM - 12:25 PM	52.0	47.2
07:05 AM - 07:10 AM	51.9	43.4	09:45 AM - 09:50 AM	48.2	41.9	12:25 PM - 12:30 PM	51.0	46.8
07:10 AM - 07:15 AM	52.7	43.9	09:50 AM - 09:55 AM	47.3	41.6	12:30 PM - 12:35 PM	51.0	45.2
07:15 AM - 07:20 AM	47.8	41.5	09:55 AM - 10:00 AM	51.7	42.8	12:35 PM - 12:40 PM	50.4	46.6
07:20 AM - 07:25 AM	53.0	42.7	10:00 AM - 10:05 AM	48.6	43.2	12:40 PM - 12:45 PM	52.4	47.5
07:25 AM - 07:30 AM	53.9	43.5	10:05 AM - 10:10 AM	47.5	42.6	12:45 PM - 12:50 PM	52.1	47.3
07:30 AM - 07:35 AM	53.6	44.5	10:10 AM - 10:15 AM	49.3	42.4	12:50 PM - 12:55 PM	50.7	45.4
07:35 AM - 07:40 AM	47.2	41.3	10:15 AM - 10:20 AM	53.6	46.8	12:55 PM - 01:00 PM	52.8	45.8
07:40 AM - 07:45 AM	49.9	42.4	10:20 AM - 10:25 AM	51.2	44.2	01:00 PM - 01:05 PM	51.3	45.0
07:45 AM - 07:50 AM	50.2	44.2	10:25 AM - 10:30 AM	49.7	43.0	01:05 PM - 01:10 PM	50.5	45.6
07:50 AM - 07:55 AM	46.4	42.2	10:30 AM - 10:35 AM	50.8	41.8	01:10 PM - 01:15 PM	52.5	48.9
07:55 AM - 08:00 AM	46.1	41.0	10:35 AM - 10:40 AM	47.9	40.7	01:15 PM - 01:20 PM	51.6	47.7
08:00 AM - 08:05 AM	48.4	42.0	10:40 AM - 10:45 AM	52.7	44.1	01:20 PM - 01:25 PM	52.2	46.4
08:05 AM - 08:10 AM	57.1	45.0	10:45 AM - 10:50 AM	49.8	43.4	01:25 PM - 01:30 PM	52.8	47.9
08:10 AM - 08:15 AM	56.5	42.3	10:50 AM - 10:55 AM	53.5	48.5	01:30 PM - 01:35 PM	49.9	45.4
08:15 AM - 08:20 AM	52.0	43.0	10:55 AM - 11:00 AM	52.8	46.3	01:35 PM - 01:40 PM	52.9	46.1
08:20 AM - 08:25 AM	48.8	42.6	11:00 AM - 11:05 AM	52.4	44.3	01:40 PM - 01:45 PM	53.7	45.9
08:25 AM - 08:30 AM	49.6	40.9	11:05 AM - 11:10 AM	53.0	47.5	01:45 PM - 01:50 PM	54.1	48.4
08:30 AM - 08:35 AM	50.3	41.3	11:10 AM - 11:15 AM	50.2	44.6	01:50 PM - 01:55 PM	57.8	52.0
08:35 AM - 08:40 AM	51.3	42.5	11:15 AM - 11:20 AM	51.2	44.9	01:55 PM - 02:00 PM	57.2	52.1

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpoin, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316633-1

Page 1 of 3

Sample Number 2242905-18  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 09 - May 10, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 09, 2022	Leq	L90	May 09, 2022	Leq	L90	May 09, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
02:00 PM - 02:05 PM	58.8	54.7	04:40 PM - 04:45 PM	55.7	52.5	07:20 PM - 07:25 PM	59.2	52.8
02:05 PM - 02:10 PM	57.3	52.7	04:45 PM - 04:50 PM	56.9	51.5	07:25 PM - 07:30 PM	60.3	54.9
02:10 PM - 02:15 PM	58.4	53.8	04:50 PM - 04:55 PM	58.7	52.3	07:30 PM - 07:35 PM	62.3	56.6
02:15 PM - 02:20 PM	58.8	54.7	04:55 PM - 05:00 PM	60.3	54.4	07:35 PM - 07:40 PM	64.1	58.7
02:20 PM - 02:25 PM	57.6	52.9	05:00 PM - 05:05 PM	62.1	56.7	07:40 PM - 07:45 PM	62.0	58.6
02:25 PM - 02:30 PM	59.2	54.0	05:05 PM - 05:10 PM	60.7	55.3	07:45 PM - 07:50 PM	67.2	58.4
02:30 PM - 02:35 PM	61.3	54.2	05:10 PM - 05:15 PM	61.1	56.0	07:50 PM - 07:55 PM	62.6	55.0
02:35 PM - 02:40 PM	55.6	53.7	05:15 PM - 05:20 PM	59.8	54.2	07:55 PM - 08:00 PM	59.8	53.0
02:40 PM - 02:45 PM	55.9	54.0	05:20 PM - 05:25 PM	58.5	55.0	08:00 PM - 08:05 PM	58.7	49.7
02:45 PM - 02:50 PM	54.9	52.2	05:25 PM - 05:30 PM	58.3	55.0	08:05 PM - 08:10 PM	63.6	52.0
02:50 PM - 02:55 PM	54.1	51.5	05:30 PM - 05:35 PM	59.9	53.1	08:10 PM - 08:15 PM	63.7	54.9
02:55 PM - 03:00 PM	54.1	52.2	05:35 PM - 05:40 PM	62.6	57.5	08:15 PM - 08:20 PM	63.3	57.9
03:00 PM - 03:05 PM	55.1	52.4	05:40 PM - 05:45 PM	59.4	53.0	08:20 PM - 08:25 PM	66.6	62.2
03:05 PM - 03:10 PM	57.2	53.4	05:45 PM - 05:50 PM	61.6	53.4	08:25 PM - 08:30 PM	67.5	62.6
03:10 PM - 03:15 PM	55.7	52.9	05:50 PM - 05:55 PM	65.0	56.3	08:30 PM - 08:35 PM	55.5	48.1
03:15 PM - 03:20 PM	58.9	53.4	05:55 PM - 06:00 PM	60.0	50.3	08:35 PM - 08:40 PM	56.5	52.1
03:20 PM - 03:25 PM	59.1	51.0	06:00 PM - 06:05 PM	59.0	52.3	08:40 PM - 08:45 PM	56.6	53.3
03:25 PM - 03:30 PM	60.4	50.1	06:05 PM - 06:10 PM	57.3	51.8	08:45 PM - 08:50 PM	58.3	53.0
03:30 PM - 03:35 PM	56.3	49.8	06:10 PM - 06:15 PM	56.7	53.0	08:50 PM - 08:55 PM	55.5	47.5
03:35 PM - 03:40 PM	53.8	49.4	06:15 PM - 06:20 PM	57.3	53.2	08:55 PM - 09:00 PM	50.5	46.8
03:40 PM - 03:45 PM	53.2	49.2	06:20 PM - 06:25 PM	59.3	53.6	09:00 PM - 09:05 PM	50.7	46.7
03:45 PM - 03:50 PM	55.1	50.1	06:25 PM - 06:30 PM	61.0	54.0	09:05 PM - 09:10 PM	50.8	46.5
03:50 PM - 03:55 PM	54.9	49.7	06:30 PM - 06:35 PM	56.8	51.4	09:10 PM - 09:15 PM	50.5	46.9
03:55 PM - 04:00 PM	58.8	55.7	06:35 PM - 06:40 PM	58.7	52.2	09:15 PM - 09:20 PM	53.0	47.7
04:00 PM - 04:05 PM	57.1	51.3	06:40 PM - 06:45 PM	61.3	55.2	09:20 PM - 09:25 PM	55.0	49.4
04:05 PM - 04:10 PM	55.6	49.9	06:45 PM - 06:50 PM	63.6	56.7	09:25 PM - 09:30 PM	51.6	43.4
04:10 PM - 04:15 PM	57.3	50.6	06:50 PM - 06:55 PM	63.1	58.7	09:30 PM - 09:35 PM	46.9	42.3
04:15 PM - 04:20 PM	55.4	50.5	06:55 PM - 07:00 PM	61.9	58.3	09:35 PM - 09:40 PM	48.6	40.9
04:20 PM - 04:25 PM	59.8	51.7	07:00 PM - 07:05 PM	60.4	55.1	09:40 PM - 09:45 PM	43.6	41.4
04:25 PM - 04:30 PM	59.0	52.2	07:05 PM - 07:10 PM	65.1	60.9	09:45 PM - 09:50 PM	43.2	40.3
04:30 PM - 04:35 PM	56.1	52.2	07:10 PM - 07:15 PM	61.1	53.4	09:50 PM - 09:55 PM	44.5	40.4
04:35 PM - 04:40 PM	60.4	52.8	07:15 PM - 07:20 PM	59.9	52.8	09:55 PM - 10:00 PM	42.7	40.6

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316633-1

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Sample Number 2242905-18  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 09 - May 10, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 09 - May 10, 2022	Leq	L90	May 10, 2022	Leq	L90	May 10, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	43.6	42.7	12:40 AM - 12:45 AM	42.4	40.7	03:20 AM - 03:25 AM	49.6	43.2
10:05 PM - 10:10 PM	42.9	42.1	12:45 AM - 12:50 AM	41.7	39.8	03:25 AM - 03:30 AM	47.3	42.7
10:10 PM - 10:15 PM	43.8	42.5	12:50 AM - 12:55 AM	40.0	38.8	03:30 AM - 03:35 AM	48.8	41.2
10:15 PM - 10:20 PM	47.4	42.5	12:55 AM - 01:00 AM	40.5	39.0	03:35 AM - 03:40 AM	48.9	43.3
10:20 PM - 10:25 PM	44.4	43.0	01:00 AM - 01:05 AM	40.2	38.8	03:40 AM - 03:45 AM	52.5	43.9
10:25 PM - 10:30 PM	46.0	44.0	01:05 AM - 01:10 AM	39.7	38.9	03:45 AM - 03:50 AM	48.0	42.0
10:30 PM - 10:35 PM	45.3	43.4	01:10 AM - 01:15 AM	40.2	37.4	03:50 AM - 03:55 AM	49.8	41.4
10:35 PM - 10:40 PM	45.4	43.5	01:15 AM - 01:20 AM	38.9	37.3	03:55 AM - 04:00 AM	48.2	40.3
10:40 PM - 10:45 PM	47.9	44.2	01:20 AM - 01:25 AM	44.6	37.6	04:00 AM - 04:05 AM	56.0	42.3
10:45 PM - 10:50 PM	45.4	44.0	01:25 AM - 01:30 AM	41.4	37.9	04:05 AM - 04:10 AM	52.9	43.8
10:50 PM - 10:55 PM	46.3	44.4	01:30 AM - 01:35 AM	44.4	41.4	04:10 AM - 04:15 AM	50.5	44.0
10:55 PM - 11:00 PM	47.2	44.7	01:35 AM - 01:40 AM	43.2	41.6	04:15 AM - 04:20 AM	53.0	46.2
11:00 PM - 11:05 PM	46.8	44.8	01:40 AM - 01:45 AM	47.2	41.6	04:20 AM - 04:25 AM	53.7	45.1
11:05 PM - 11:10 PM	46.9	44.9	01:45 AM - 01:50 AM	49.0	41.7	04:25 AM - 04:30 AM	50.9	45.3
11:10 PM - 11:15 PM	44.9	44.1	01:50 AM - 01:55 AM	43.5	41.5	04:30 AM - 04:35 AM	54.6	45.2
11:15 PM - 11:20 PM	44.8	43.7	01:55 AM - 02:00 AM	46.8	41.9	04:35 AM - 04:40 AM	54.0	46.3
11:20 PM - 11:25 PM	45.5	43.9	02:00 AM - 02:05 AM	46.4	42.3	04:40 AM - 04:45 AM	53.0	46.4
11:25 PM - 11:30 PM	46.1	44.7	02:05 AM - 02:10 AM	43.6	42.3	04:45 AM - 04:50 AM	53.1	47.9
11:30 PM - 11:35 PM	47.9	45.4	02:10 AM - 02:15 AM	44.7	43.3	04:50 AM - 04:55 AM	56.9	45.2
11:35 PM - 11:40 PM	49.7	46.5	02:15 AM - 02:20 AM	45.3	43.3	04:55 AM - 05:00 AM	53.7	47.8
11:40 PM - 11:45 PM	48.8	46.4	02:20 AM - 02:25 AM	44.9	43.5	05:00 AM - 05:05 AM	53.5	47.3
11:45 PM - 11:50 PM	46.8	44.2	02:25 AM - 02:30 AM	45.0	42.6	05:05 AM - 05:10 AM	57.1	47.6
11:50 PM - 11:55 PM	44.6	43.5	02:30 AM - 02:35 AM	44.6	41.8	05:10 AM - 05:15 AM	53.0	46.6
11:55 PM - 12:00 AM	46.8	43.6	02:35 AM - 02:40 AM	44.7	41.6	05:15 AM - 05:20 AM	55.0	46.7
12:00 AM - 12:05 AM	44.4	43.5	02:40 AM - 02:45 AM	52.5	41.1	05:20 AM - 05:25 AM	54.1	48.6
12:05 AM - 12:10 AM	46.4	44.0	02:45 AM - 02:50 AM	46.4	42.1	05:25 AM - 05:30 AM	54.7	46.9
12:10 AM - 12:15 AM	44.9	43.5	02:50 AM - 02:55 AM	44.6	41.1	05:30 AM - 05:35 AM	57.3	50.0
12:15 AM - 12:20 AM	45.0	43.8	02:55 AM - 03:00 AM	47.6	41.0	05:35 AM - 05:40 AM	59.3	48.6
12:20 AM - 12:25 AM	45.2	44.1	03:00 AM - 03:05 AM	44.5	41.6	05:40 AM - 05:45 AM	55.3	49.2
12:25 AM - 12:30 AM	49.0	43.5	03:05 AM - 03:10 AM	45.0	41.4	05:45 AM - 05:50 AM	53.5	47.1
12:30 AM - 12:35 AM	44.2	41.4	03:10 AM - 03:15 AM	49.8	42.6	05:50 AM - 05:55 AM	53.0	43.8
12:35 AM - 12:40 AM	42.1	40.6	03:15 AM - 03:20 AM	49.4	42.3	05:55 AM - 06:00 AM	50.9	43.3

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpoin, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2242905

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316633-1

Page 3 of 3

Sample Number 2242905-18  
 Parameter Noise Level (Leq 5 min)  
 Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
 Measurement Date May 09 - May 10, 2022  
 Measurement by Teeravut Sukdee  
 Sound Level meter Serial No. 00858525

May 10, 2022 Time	Leq dB(A)	L90 dB(A)	May 10, 2022 Time	Leq dB(A)	L90 dB(A)	May 10, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 AM - 06:05 AM	59.1	46.5	08:40 AM - 08:45 AM	47.9	40.3	11:20 AM - 11:25 AM	51.4	47.6
06:05 AM - 06:10 AM	53.4	46.6	08:45 AM - 08:50 AM	46.0	40.4	11:25 AM - 11:30 AM	54.6	48.5
06:10 AM - 06:15 AM	54.3	46.0	08:50 AM - 08:55 AM	51.3	40.0	11:30 AM - 11:35 AM	52.9	47.5
06:15 AM - 06:20 AM	53.8	48.3	08:55 AM - 09:00 AM	48.6	40.3	11:35 AM - 11:40 AM	56.1	47.3
06:20 AM - 06:25 AM	53.8	46.3	09:00 AM - 09:05 AM	48.9	40.3	11:40 AM - 11:45 AM	52.3	46.1
06:25 AM - 06:30 AM	55.0	44.5	09:05 AM - 09:10 AM	49.7	40.4	11:45 AM - 11:50 AM	51.4	47.9
06:30 AM - 06:35 AM	51.8	45.6	09:10 AM - 09:15 AM	46.9	40.4	11:50 AM - 11:55 AM	52.9	48.7
06:35 AM - 06:40 AM	50.7	44.7	09:15 AM - 09:20 AM	53.0	42.0	11:55 AM - 12:00 PM	51.1	48.5
06:40 AM - 06:45 AM	51.0	43.7	09:20 AM - 09:25 AM	50.0	42.2	12:00 PM - 12:05 PM	54.7	48.3
06:45 AM - 06:50 AM	52.7	44.3	09:25 AM - 09:30 AM	50.2	43.6	12:05 PM - 12:10 PM	49.4	46.6
06:50 AM - 06:55 AM	50.7	44.8	09:30 AM - 09:35 AM	54.4	46.9	12:10 PM - 12:15 PM	51.1	47.6
06:55 AM - 07:00 AM	53.6	48.1	09:35 AM - 09:40 AM	52.7	48.0	12:15 PM - 12:20 PM	51.1	47.5
07:00 AM - 07:05 AM	50.2	43.4	09:40 AM - 09:45 AM	52.4	49.1	12:20 PM - 12:25 PM	50.7	46.9
07:05 AM - 07:10 AM	52.1	43.9	09:45 AM - 09:50 AM	56.1	50.4	12:25 PM - 12:30 PM	52.0	48.5
07:10 AM - 07:15 AM	50.9	43.6	09:50 AM - 09:55 AM	55.3	50.1	12:30 PM - 12:35 PM	51.2	49.1
07:15 AM - 07:20 AM	52.5	45.4	09:55 AM - 10:00 AM	56.8	52.6	12:35 PM - 12:40 PM	58.4	52.7
07:20 AM - 07:25 AM	49.7	42.8	10:00 AM - 10:05 AM	54.3	52.3	12:40 PM - 12:45 PM	50.2	45.6
07:25 AM - 07:30 AM	48.7	43.4	10:05 AM - 10:10 AM	54.1	51.6	12:45 PM - 12:50 PM	52.5	45.6
07:30 AM - 07:35 AM	52.9	43.9	10:10 AM - 10:15 AM	63.0	52.8	12:50 PM - 12:55 PM	48.8	43.5
07:35 AM - 07:40 AM	50.5	44.0	10:15 AM - 10:20 AM	67.8	58.4	12:55 PM - 01:00 PM	51.6	43.1
07:40 AM - 07:45 AM	50.1	43.7	10:20 AM - 10:25 AM	55.7	52.5	01:00 PM - 01:05 PM	56.4	46.6
07:45 AM - 07:50 AM	48.9	41.8	10:25 AM - 10:30 AM	54.9	51.9	01:05 PM - 01:10 PM	49.6	44.2
07:50 AM - 07:55 AM	47.4	40.7	10:30 AM - 10:35 AM	55.0	51.9	01:10 PM - 01:15 PM	50.4	43.5
07:55 AM - 08:00 AM	47.5	40.7	10:35 AM - 10:40 AM	53.6	50.8	01:15 PM - 01:20 PM	50.4	43.1
08:00 AM - 08:05 AM	47.5	40.9	10:40 AM - 10:45 AM	54.3	50.2	01:20 PM - 01:25 PM	51.7	42.6
08:05 AM - 08:10 AM	49.1	41.5	10:45 AM - 10:50 AM	54.3	50.3	01:25 PM - 01:30 PM	46.1	42.5
08:10 AM - 08:15 AM	50.5	42.8	10:50 AM - 10:55 AM	54.7	50.2	01:30 PM - 01:35 PM	50.0	43.0
08:15 AM - 08:20 AM	53.8	42.5	10:55 AM - 11:00 AM	52.9	49.9	01:35 PM - 01:40 PM	50.0	43.2
08:20 AM - 08:25 AM	48.8	39.4	11:00 AM - 11:05 AM	51.9	49.4	01:40 PM - 01:45 PM	48.3	42.8
08:25 AM - 08:30 AM	47.8	40.0	11:05 AM - 11:10 AM	54.0	47.1	01:45 PM - 01:50 PM	54.5	43.8
08:30 AM - 08:35 AM	46.9	39.5	11:10 AM - 11:15 AM	51.4	46.7	01:50 PM - 01:55 PM	54.5	47.3
08:35 AM - 08:40 AM	48.4	39.7	11:15 AM - 11:20 AM	51.7	47.2	01:55 PM - 02:00 PM	53.1	43.3

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316634-1

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Sample Number 2242905-19  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 10 - May 11, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 10, 2022 Time	Leq dB(A)	L90 dB(A)	May 10, 2022 Time	Leq dB(A)	L90 dB(A)	May 10, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 PM - 02:05 PM	51.9	45.8	04:40 PM - 04:45 PM	60.2	50.8	07:20 PM - 07:25 PM	54.2	49.9
02:05 PM - 02:10 PM	52.7	45.3	04:45 PM - 04:50 PM	52.6	49.9	07:25 PM - 07:30 PM	53.1	49.3
02:10 PM - 02:15 PM	55.3	44.5	04:50 PM - 04:55 PM	54.7	50.4	07:30 PM - 07:35 PM	55.1	50.7
02:15 PM - 02:20 PM	55.3	45.0	04:55 PM - 05:00 PM	54.8	49.8	07:35 PM - 07:40 PM	56.0	49.5
02:20 PM - 02:25 PM	52.5	44.2	05:00 PM - 05:05 PM	51.3	48.3	07:40 PM - 07:45 PM	51.1	48.7
02:25 PM - 02:30 PM	52.4	45.7	05:05 PM - 05:10 PM	55.2	48.8	07:45 PM - 07:50 PM	50.9	48.0
02:30 PM - 02:35 PM	50.2	44.1	05:10 PM - 05:15 PM	52.3	49.4	07:50 PM - 07:55 PM	56.6	48.2
02:35 PM - 02:40 PM	52.1	44.6	05:15 PM - 05:20 PM	56.8	50.6	07:55 PM - 08:00 PM	51.9	49.4
02:40 PM - 02:45 PM	50.9	43.5	05:20 PM - 05:25 PM	54.1	50.0	08:00 PM - 08:05 PM	52.2	49.4
02:45 PM - 02:50 PM	54.9	48.6	05:25 PM - 05:30 PM	51.5	48.9	08:05 PM - 08:10 PM	53.4	49.1
02:50 PM - 02:55 PM	52.7	44.4	05:30 PM - 05:35 PM	53.0	49.8	08:10 PM - 08:15 PM	54.7	49.5
02:55 PM - 03:00 PM	53.7	44.7	05:35 PM - 05:40 PM	52.6	48.2	08:15 PM - 08:20 PM	56.4	53.1
03:00 PM - 03:05 PM	50.5	45.4	05:40 PM - 05:45 PM	51.8	48.5	08:20 PM - 08:25 PM	53.4	50.5
03:05 PM - 03:10 PM	52.7	46.2	05:45 PM - 05:50 PM	51.0	47.8	08:25 PM - 08:30 PM	52.0	49.1
03:10 PM - 03:15 PM	60.5	46.4	05:50 PM - 05:55 PM	53.5	48.8	08:30 PM - 08:35 PM	52.3	49.2
03:15 PM - 03:20 PM	53.1	45.3	05:55 PM - 06:00 PM	53.9	48.6	08:35 PM - 08:40 PM	53.0	48.6
03:20 PM - 03:25 PM	51.3	45.9	06:00 PM - 06:05 PM	55.4	49.6	08:40 PM - 08:45 PM	54.7	49.9
03:25 PM - 03:30 PM	51.0	46.3	06:05 PM - 06:10 PM	55.5	49.9	08:45 PM - 08:50 PM	53.0	48.8
03:30 PM - 03:35 PM	52.2	44.9	06:10 PM - 06:15 PM	54.6	50.2	08:50 PM - 08:55 PM	58.3	49.0
03:35 PM - 03:40 PM	50.0	44.5	06:15 PM - 06:20 PM	54.7	50.9	08:55 PM - 09:00 PM	52.5	48.6
03:40 PM - 03:45 PM	52.4	46.0	06:20 PM - 06:25 PM	52.1	49.4	09:00 PM - 09:05 PM	55.2	49.3
03:45 PM - 03:50 PM	51.6	45.0	06:25 PM - 06:30 PM	53.6	49.5	09:05 PM - 09:10 PM	59.4	46.1
03:50 PM - 03:55 PM	51.0	45.9	06:30 PM - 06:35 PM	54.5	49.4	09:10 PM - 09:15 PM	56.5	48.0
03:55 PM - 04:00 PM	52.4	46.7	06:35 PM - 06:40 PM	52.6	50.0	09:15 PM - 09:20 PM	62.8	48.3
04:00 PM - 04:05 PM	52.4	46.0	06:40 PM - 06:45 PM	50.1	47.8	09:20 PM - 09:25 PM	60.6	46.9
04:05 PM - 04:10 PM	51.7	47.2	06:45 PM - 06:50 PM	52.7	49.3	09:25 PM - 09:30 PM	54.0	48.1
04:10 PM - 04:15 PM	52.2	46.4	06:50 PM - 06:55 PM	52.2	48.4	09:30 PM - 09:35 PM	61.4	49.6
04:15 PM - 04:20 PM	51.9	46.8	06:55 PM - 07:00 PM	52.4	49.0	09:35 PM - 09:40 PM	55.9	46.6
04:20 PM - 04:25 PM	52.5	47.0	07:00 PM - 07:05 PM	53.2	49.7	09:40 PM - 09:45 PM	50.8	46.0
04:25 PM - 04:30 PM	52.0	48.4	07:05 PM - 07:10 PM	53.0	49.3	09:45 PM - 09:50 PM	49.8	45.1
04:30 PM - 04:35 PM	51.5	48.3	07:10 PM - 07:15 PM	57.7	49.1	09:50 PM - 09:55 PM	52.6	46.1
04:35 PM - 04:40 PM	57.2	49.8	07:15 PM - 07:20 PM	59.0	50.1	09:55 PM - 10:00 PM	52.5	47.1

Approved by

Sarayuth Jittrantont  
Assistant General Manager

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## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316634-1

Page 2 of 3

Sample Number 2242905-19  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 10 - May 11, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 10 - May 11, 2022	Leq	L90	May 11, 2022	Leq	L90	May 11, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	55.0	48.2	12:40 AM - 12:45 AM	52.5	47.8	03:20 AM - 03:25 AM	56.5	50.5
10:05 PM - 10:10 PM	56.8	50.5	12:45 AM - 12:50 AM	50.4	46.3	03:25 AM - 03:30 AM	61.7	50.1
10:10 PM - 10:15 PM	52.6	49.2	12:50 AM - 12:55 AM	50.7	46.6	03:30 AM - 03:35 AM	54.5	49.9
10:15 PM - 10:20 PM	53.1	49.5	12:55 AM - 01:00 AM	49.4	45.9	03:35 AM - 03:40 AM	54.7	51.4
10:20 PM - 10:25 PM	53.1	49.4	01:00 AM - 01:05 AM	53.8	47.9	03:40 AM - 03:45 AM	56.0	49.9
10:25 PM - 10:30 PM	52.5	49.2	01:05 AM - 01:10 AM	54.0	48.5	03:45 AM - 03:50 AM	52.2	49.1
10:30 PM - 10:35 PM	55.4	50.0	01:10 AM - 01:15 AM	54.2	50.4	03:50 AM - 03:55 AM	53.3	49.3
10:35 PM - 10:40 PM	58.4	52.6	01:15 AM - 01:20 AM	52.7	49.3	03:55 AM - 04:00 AM	50.5	48.1
10:40 PM - 10:45 PM	58.1	50.9	01:20 AM - 01:25 AM	52.8	49.7	04:00 AM - 04:05 AM	52.4	48.9
10:45 PM - 10:50 PM	55.4	52.0	01:25 AM - 01:30 AM	50.8	48.0	04:05 AM - 04:10 AM	50.8	47.6
10:50 PM - 10:55 PM	55.8	50.6	01:30 AM - 01:35 AM	53.8	49.4	04:10 AM - 04:15 AM	52.0	47.7
10:55 PM - 11:00 PM	53.3	48.8	01:35 AM - 01:40 AM	50.9	48.1	04:15 AM - 04:20 AM	54.2	47.0
11:00 PM - 11:05 PM	52.1	48.6	01:40 AM - 01:45 AM	51.0	48.3	04:20 AM - 04:25 AM	52.9	48.8
11:05 PM - 11:10 PM	50.8	49.0	01:45 AM - 01:50 AM	51.3	48.0	04:25 AM - 04:30 AM	51.4	47.8
11:10 PM - 11:15 PM	52.1	48.4	01:50 AM - 01:55 AM	55.1	47.4	04:30 AM - 04:35 AM	53.4	48.1
11:15 PM - 11:20 PM	53.7	49.9	01:55 AM - 02:00 AM	55.8	49.8	04:35 AM - 04:40 AM	51.3	47.8
11:20 PM - 11:25 PM	53.2	49.6	02:00 AM - 02:05 AM	56.1	49.6	04:40 AM - 04:45 AM	50.6	46.8
11:25 PM - 11:30 PM	54.9	49.2	02:05 AM - 02:10 AM	54.1	48.0	04:45 AM - 04:50 AM	51.9	48.1
11:30 PM - 11:35 PM	53.5	49.2	02:10 AM - 02:15 AM	51.3	48.0	04:50 AM - 04:55 AM	57.8	49.2
11:35 PM - 11:40 PM	51.8	47.8	02:15 AM - 02:20 AM	52.7	48.7	04:55 AM - 05:00 AM	50.3	47.6
11:40 PM - 11:45 PM	49.9	48.0	02:20 AM - 02:25 AM	55.0	49.2	05:00 AM - 05:05 AM	50.7	46.7
11:45 PM - 11:50 PM	54.7	48.2	02:25 AM - 02:30 AM	53.7	49.6	05:05 AM - 05:10 AM	51.1	47.0
11:50 PM - 11:55 PM	53.2	48.4	02:30 AM - 02:35 AM	55.4	48.4	05:10 AM - 05:15 AM	50.3	47.3
11:55 PM - 12:00 AM	56.9	49.7	02:35 AM - 02:40 AM	53.6	47.4	05:15 AM - 05:20 AM	50.9	46.3
12:00 AM - 12:05 AM	54.8	50.6	02:40 AM - 02:45 AM	52.6	48.1	05:20 AM - 05:25 AM	49.9	48.2
12:05 AM - 12:10 AM	57.6	48.3	02:45 AM - 02:50 AM	56.8	48.4	05:25 AM - 05:30 AM	51.3	48.7
12:10 AM - 12:15 AM	51.7	48.5	02:50 AM - 02:55 AM	51.7	47.0	05:30 AM - 05:35 AM	54.0	49.2
12:15 AM - 12:20 AM	52.2	48.9	02:55 AM - 03:00 AM	52.9	49.0	05:35 AM - 05:40 AM	50.9	48.3
12:20 AM - 12:25 AM	52.9	49.4	03:00 AM - 03:05 AM	50.4	47.4	05:40 AM - 05:45 AM	50.1	47.6
12:25 AM - 12:30 AM	53.1	49.5	03:05 AM - 03:10 AM	51.1	47.7	05:45 AM - 05:50 AM	52.5	47.3
12:30 AM - 12:35 AM	54.8	49.1	03:10 AM - 03:15 AM	52.6	49.0	05:50 AM - 05:55 AM	51.7	48.4
12:35 AM - 12:40 AM	51.5	48.6	03:15 AM - 03:20 AM	52.4	49.3	05:55 AM - 06:00 AM	51.5	48.4

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpoin, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316634-1

Page 3 of 3

Sample Number 2242905-19  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 10 - May 11, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 11, 2022 Time	Leq dB(A)	L90 dB(A)	May 11, 2022 Time	Leq dB(A)	L90 dB(A)	May 11, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 AM - 06:05 AM	52.2	47.9	08:40 AM - 08:45 AM	54.3	49.3	11:20 AM - 11:25 AM	53.7	49.9
06:05 AM - 06:10 AM	52.3	48.3	08:45 AM - 08:50 AM	54.9	48.7	11:25 AM - 11:30 AM	52.1	48.6
06:10 AM - 06:15 AM	51.4	47.1	08:50 AM - 08:55 AM	52.8	48.8	11:30 AM - 11:35 AM	53.6	49.9
06:15 AM - 06:20 AM	52.1	47.5	08:55 AM - 09:00 AM	55.8	49.5	11:35 AM - 11:40 AM	56.1	52.0
06:20 AM - 06:25 AM	52.8	49.3	09:00 AM - 09:05 AM	53.6	50.6	11:40 AM - 11:45 AM	56.1	52.5
06:25 AM - 06:30 AM	50.0	47.2	09:05 AM - 09:10 AM	54.7	50.3	11:45 AM - 11:50 AM	56.9	51.9
06:30 AM - 06:35 AM	51.2	46.8	09:10 AM - 09:15 AM	55.2	50.4	11:50 AM - 11:55 AM	56.5	50.3
06:35 AM - 06:40 AM	50.4	48.2	09:15 AM - 09:20 AM	54.4	50.4	11:55 AM - 12:00 PM	55.0	48.8
06:40 AM - 06:45 AM	51.3	48.1	09:20 AM - 09:25 AM	54.7	50.8	12:00 PM - 12:05 PM	55.9	49.9
06:45 AM - 06:50 AM	51.1	47.2	09:25 AM - 09:30 AM	54.8	50.9	12:05 PM - 12:10 PM	56.2	51.4
06:50 AM - 06:55 AM	53.1	48.7	09:30 AM - 09:35 AM	55.9	50.7	12:10 PM - 12:15 PM	56.2	49.9
06:55 AM - 07:00 AM	51.3	46.1	09:35 AM - 09:40 AM	57.7	50.9	12:15 PM - 12:20 PM	55.9	52.7
07:00 AM - 07:05 AM	50.9	46.4	09:40 AM - 09:45 AM	59.0	51.4	12:20 PM - 12:25 PM	54.4	49.5
07:05 AM - 07:10 AM	53.4	47.9	09:45 AM - 09:50 AM	55.5	50.2	12:25 PM - 12:30 PM	54.0	49.2
07:10 AM - 07:15 AM	57.1	49.3	09:50 AM - 09:55 AM	52.3	49.6	12:30 PM - 12:35 PM	57.0	51.8
07:15 AM - 07:20 AM	55.3	49.1	09:55 AM - 10:00 AM	52.8	50.6	12:35 PM - 12:40 PM	54.9	52.4
07:20 AM - 07:25 AM	52.0	47.7	10:00 AM - 10:05 AM	53.3	51.4	12:40 PM - 12:45 PM	55.6	51.6
07:25 AM - 07:30 AM	52.4	48.7	10:05 AM - 10:10 AM	52.9	50.2	12:45 PM - 12:50 PM	55.1	51.4
07:30 AM - 07:35 AM	58.0	49.1	10:10 AM - 10:15 AM	60.0	50.8	12:50 PM - 12:55 PM	53.2	51.0
07:35 AM - 07:40 AM	53.8	49.0	10:15 AM - 10:20 AM	59.6	54.2	12:55 PM - 01:00 PM	53.8	50.6
07:40 AM - 07:45 AM	51.6	48.4	10:20 AM - 10:25 AM	54.8	50.3	01:00 PM - 01:05 PM	53.6	49.9
07:45 AM - 07:50 AM	53.4	49.6	10:25 AM - 10:30 AM	52.4	49.1	01:05 PM - 01:10 PM	56.3	48.8
07:50 AM - 07:55 AM	52.8	49.0	10:30 AM - 10:35 AM	53.4	49.6	01:10 PM - 01:15 PM	55.6	50.4
07:55 AM - 08:00 AM	52.1	47.0	10:35 AM - 10:40 AM	53.0	49.3	01:15 PM - 01:20 PM	57.8	51.4
08:00 AM - 08:05 AM	55.1	47.3	10:40 AM - 10:45 AM	53.1	48.9	01:20 PM - 01:25 PM	56.1	50.9
08:05 AM - 08:10 AM	55.1	50.5	10:45 AM - 10:50 AM	50.3	44.4	01:25 PM - 01:30 PM	55.1	51.0
08:10 AM - 08:15 AM	51.9	48.5	10:50 AM - 10:55 AM	53.4	49.0	01:30 PM - 01:35 PM	53.7	50.5
08:15 AM - 08:20 AM	52.2	47.9	10:55 AM - 11:00 AM	53.5	48.9	01:35 PM - 01:40 PM	56.9	51.0
08:20 AM - 08:25 AM	50.2	46.2	11:00 AM - 11:05 AM	52.3	46.8	01:40 PM - 01:45 PM	54.9	50.1
08:25 AM - 08:30 AM	52.9	49.0	11:05 AM - 11:10 AM	53.9	50.0	01:45 PM - 01:50 PM	54.6	49.7
08:30 AM - 08:35 AM	54.4	50.2	11:10 AM - 11:15 AM	52.3	48.5	01:50 PM - 01:55 PM	52.5	48.3
08:35 AM - 08:40 AM	52.5	49.3	11:15 AM - 11:20 AM	51.9	47.6	01:55 PM - 02:00 PM	57.2	51.2

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316635-1

Page 1 of 3

Sample Number 2242905-20  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 11 - May 12, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 11, 2022 Time	Leq dB(A)	L90 dB(A)	May 11, 2022 Time	Leq dB(A)	L90 dB(A)	May 11, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 PM - 02:05 PM	57.0	50.4	04:40 PM - 04:45 PM	64.3	55.8	07:20 PM - 07:25 PM	51.3	46.8
02:05 PM - 02:10 PM	55.2	48.1	04:45 PM - 04:50 PM	63.7	53.3	07:25 PM - 07:30 PM	53.0	48.3
02:10 PM - 02:15 PM	61.0	50.4	04:50 PM - 04:55 PM	61.0	51.5	07:30 PM - 07:35 PM	53.2	48.8
02:15 PM - 02:20 PM	58.0	49.7	04:55 PM - 05:00 PM	61.6	49.6	07:35 PM - 07:40 PM	60.2	52.7
02:20 PM - 02:25 PM	54.7	50.5	05:00 PM - 05:05 PM	61.3	52.5	07:40 PM - 07:45 PM	63.0	47.9
02:25 PM - 02:30 PM	52.7	49.2	05:05 PM - 05:10 PM	60.7	52.5	07:45 PM - 07:50 PM	53.0	48.6
02:30 PM - 02:35 PM	55.8	50.2	05:10 PM - 05:15 PM	59.9	49.5	07:50 PM - 07:55 PM	56.6	50.3
02:35 PM - 02:40 PM	56.1	50.6	05:15 PM - 05:20 PM	61.8	50.9	07:55 PM - 08:00 PM	56.1	49.4
02:40 PM - 02:45 PM	57.2	51.1	05:20 PM - 05:25 PM	64.2	54.6	08:00 PM - 08:05 PM	56.2	48.4
02:45 PM - 02:50 PM	58.7	52.4	05:25 PM - 05:30 PM	58.0	50.7	08:05 PM - 08:10 PM	59.4	48.9
02:50 PM - 02:55 PM	64.6	50.5	05:30 PM - 05:35 PM	61.0	51.3	08:10 PM - 08:15 PM	59.0	48.5
02:55 PM - 03:00 PM	62.7	50.7	05:35 PM - 05:40 PM	56.8	50.3	08:15 PM - 08:20 PM	55.7	50.3
03:00 PM - 03:05 PM	60.5	52.1	05:40 PM - 05:45 PM	59.2	51.3	08:20 PM - 08:25 PM	57.0	50.4
03:05 PM - 03:10 PM	57.5	49.1	05:45 PM - 05:50 PM	62.1	52.5	08:25 PM - 08:30 PM	54.8	49.4
03:10 PM - 03:15 PM	59.2	50.8	05:50 PM - 05:55 PM	57.5	48.3	08:30 PM - 08:35 PM	57.2	50.3
03:15 PM - 03:20 PM	59.2	48.8	05:55 PM - 06:00 PM	62.6	52.3	08:35 PM - 08:40 PM	55.2	48.7
03:20 PM - 03:25 PM	59.1	48.1	06:00 PM - 06:05 PM	60.7	50.3	08:40 PM - 08:45 PM	52.8	48.0
03:25 PM - 03:30 PM	53.7	50.9	06:05 PM - 06:10 PM	64.0	51.8	08:45 PM - 08:50 PM	51.2	46.8
03:30 PM - 03:35 PM	51.9	48.9	06:10 PM - 06:15 PM	58.7	50.4	08:50 PM - 08:55 PM	58.2	48.1
03:35 PM - 03:40 PM	56.0	48.7	06:15 PM - 06:20 PM	64.4	50.9	08:55 PM - 09:00 PM	54.5	48.0
03:40 PM - 03:45 PM	55.5	49.8	06:20 PM - 06:25 PM	56.2	47.7	09:00 PM - 09:05 PM	57.2	51.2
03:45 PM - 03:50 PM	56.0	47.8	06:25 PM - 06:30 PM	63.6	52.3	09:05 PM - 09:10 PM	54.8	49.5
03:50 PM - 03:55 PM	53.1	48.3	06:30 PM - 06:35 PM	57.8	50.0	09:10 PM - 09:15 PM	53.2	48.5
03:55 PM - 04:00 PM	56.8	49.7	06:35 PM - 06:40 PM	54.4	47.6	09:15 PM - 09:20 PM	54.2	47.3
04:00 PM - 04:05 PM	58.7	51.1	06:40 PM - 06:45 PM	53.0	48.1	09:20 PM - 09:25 PM	62.5	50.6
04:05 PM - 04:10 PM	62.7	50.4	06:45 PM - 06:50 PM	57.9	50.3	09:25 PM - 09:30 PM	54.5	51.3
04:10 PM - 04:15 PM	61.6	53.3	06:50 PM - 06:55 PM	61.8	47.6	09:30 PM - 09:35 PM	57.1	51.9
04:15 PM - 04:20 PM	62.1	50.9	06:55 PM - 07:00 PM	54.5	48.9	09:35 PM - 09:40 PM	61.6	49.3
04:20 PM - 04:25 PM	62.0	48.9	07:00 PM - 07:05 PM	53.6	48.3	09:40 PM - 09:45 PM	52.8	48.6
04:25 PM - 04:30 PM	62.8	51.0	07:05 PM - 07:10 PM	52.9	46.5	09:45 PM - 09:50 PM	54.0	48.3
04:30 PM - 04:35 PM	61.2	51.7	07:10 PM - 07:15 PM	54.9	48.4	09:50 PM - 09:55 PM	54.0	49.8
04:35 PM - 04:40 PM	57.7	50.6	07:15 PM - 07:20 PM	49.8	46.2	09:55 PM - 10:00 PM	56.0	51.5

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316635-1

Page 2 of 3

Sample Number 2242905-20  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 11 - May 12, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 11 - May 12, 2022	Leq	L90	May 12, 2022	Leq	L90	May 12, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	55.9	51.9	12:40 AM - 12:45 AM	53.4	50.6	03:20 AM - 03:25 AM	54.6	52.9
10:05 PM - 10:10 PM	51.8	48.8	12:45 AM - 12:50 AM	51.7	50.6	03:25 AM - 03:30 AM	54.3	53.0
10:10 PM - 10:15 PM	52.3	49.1	12:50 AM - 12:55 AM	51.6	49.5	03:30 AM - 03:35 AM	54.8	52.9
10:15 PM - 10:20 PM	53.0	49.8	12:55 AM - 01:00 AM	53.0	50.6	03:35 AM - 03:40 AM	55.5	53.4
10:20 PM - 10:25 PM	52.9	51.1	01:00 AM - 01:05 AM	51.9	49.8	03:40 AM - 03:45 AM	55.2	52.9
10:25 PM - 10:30 PM	53.8	50.6	01:05 AM - 01:10 AM	55.5	51.1	03:45 AM - 03:50 AM	54.2	52.5
10:30 PM - 10:35 PM	52.2	49.8	01:10 AM - 01:15 AM	54.4	50.3	03:50 AM - 03:55 AM	54.6	52.0
10:35 PM - 10:40 PM	54.8	50.6	01:15 AM - 01:20 AM	53.6	49.7	03:55 AM - 04:00 AM	55.1	53.2
10:40 PM - 10:45 PM	52.1	49.8	01:20 AM - 01:25 AM	53.0	50.0	04:00 AM - 04:05 AM	54.9	52.1
10:45 PM - 10:50 PM	52.3	50.0	01:25 AM - 01:30 AM	52.1	49.9	04:05 AM - 04:10 AM	53.3	52.4
10:50 PM - 10:55 PM	51.7	49.4	01:30 AM - 01:35 AM	50.7	48.9	04:10 AM - 04:15 AM	55.2	51.9
10:55 PM - 11:00 PM	55.9	49.4	01:35 AM - 01:40 AM	51.5	49.5	04:15 AM - 04:20 AM	52.6	51.8
11:00 PM - 11:05 PM	53.1	49.4	01:40 AM - 01:45 AM	51.5	49.8	04:20 AM - 04:25 AM	55.4	52.4
11:05 PM - 11:10 PM	53.2	49.9	01:45 AM - 01:50 AM	52.6	49.9	04:25 AM - 04:30 AM	55.8	52.3
11:10 PM - 11:15 PM	53.7	48.5	01:50 AM - 01:55 AM	53.0	49.9	04:30 AM - 04:35 AM	52.9	51.0
11:15 PM - 11:20 PM	54.7	50.0	01:55 AM - 02:00 AM	51.5	49.6	04:35 AM - 04:40 AM	52.1	50.7
11:20 PM - 11:25 PM	55.3	50.6	02:00 AM - 02:05 AM	52.6	50.2	04:40 AM - 04:45 AM	58.0	52.9
11:25 PM - 11:30 PM	52.8	49.8	02:05 AM - 02:10 AM	52.3	49.9	04:45 AM - 04:50 AM	53.4	51.0
11:30 PM - 11:35 PM	55.3	50.4	02:10 AM - 02:15 AM	52.6	50.5	04:50 AM - 04:55 AM	54.3	51.2
11:35 PM - 11:40 PM	54.9	49.3	02:15 AM - 02:20 AM	51.0	49.4	04:55 AM - 05:00 AM	56.1	51.9
11:40 PM - 11:45 PM	54.1	48.8	02:20 AM - 02:25 AM	52.8	50.2	05:00 AM - 05:05 AM	55.1	51.1
11:45 PM - 11:50 PM	52.0	49.6	02:25 AM - 02:30 AM	52.8	50.2	05:05 AM - 05:10 AM	56.2	52.2
11:50 PM - 11:55 PM	53.9	49.0	02:30 AM - 02:35 AM	53.7	50.1	05:10 AM - 05:15 AM	56.7	51.3
11:55 PM - 12:00 AM	56.2	51.0	02:35 AM - 02:40 AM	54.6	51.6	05:15 AM - 05:20 AM	55.8	51.4
12:00 AM - 12:05 AM	53.8	50.5	02:40 AM - 02:45 AM	53.2	50.5	05:20 AM - 05:25 AM	56.4	51.9
12:05 AM - 12:10 AM	55.8	51.9	02:45 AM - 02:50 AM	54.0	50.7	05:25 AM - 05:30 AM	53.6	51.3
12:10 AM - 12:15 AM	53.7	50.8	02:50 AM - 02:55 AM	55.5	51.8	05:30 AM - 05:35 AM	54.5	52.0
12:15 AM - 12:20 AM	52.2	50.1	02:55 AM - 03:00 AM	53.7	51.7	05:35 AM - 05:40 AM	54.0	51.2
12:20 AM - 12:25 AM	55.4	51.8	03:00 AM - 03:05 AM	56.5	53.0	05:40 AM - 05:45 AM	53.1	50.9
12:25 AM - 12:30 AM	58.4	50.4	03:05 AM - 03:10 AM	55.4	53.5	05:45 AM - 05:50 AM	53.4	51.0
12:30 AM - 12:35 AM	53.7	50.6	03:10 AM - 03:15 AM	54.8	52.6	05:50 AM - 05:55 AM	53.8	51.3
12:35 AM - 12:40 AM	53.0	50.3	03:15 AM - 03:20 AM	55.4	52.8	05:55 AM - 06:00 AM	53.8	51.6

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpoin, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316635-1

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Sample Number 2242905-20  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 6 ตำบลบ้านหว้า (GPS 47P 0674650, 1574848)  
Measurement Date May 11 - May 12, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858525

May 12, 2022 Time	Leq dB(A)	L90 dB(A)	May 12, 2022 Time	Leq dB(A)	L90 dB(A)	May 12, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 AM - 06:05 AM	53.4	51.0	08:40 AM - 08:45 AM	53.4	51.9	11:20 AM - 11:25 AM	53.0	51.2
06:05 AM - 06:10 AM	53.2	50.7	08:45 AM - 08:50 AM	52.5	51.2	11:25 AM - 11:30 AM	53.1	51.5
06:10 AM - 06:15 AM	60.2	51.6	08:50 AM - 08:55 AM	53.7	52.1	11:30 AM - 11:35 AM	53.3	51.7
06:15 AM - 06:20 AM	59.0	51.6	08:55 AM - 09:00 AM	52.8	51.5	11:35 AM - 11:40 AM	53.1	51.5
06:20 AM - 06:25 AM	54.9	52.2	09:00 AM - 09:05 AM	52.2	51.0	11:40 AM - 11:45 AM	52.1	50.8
06:25 AM - 06:30 AM	58.2	51.4	09:05 AM - 09:10 AM	52.7	51.4	11:45 AM - 11:50 AM	52.7	51.5
06:30 AM - 06:35 AM	53.4	51.0	09:10 AM - 09:15 AM	52.7	51.2	11:50 AM - 11:55 AM	53.7	51.8
06:35 AM - 06:40 AM	53.9	50.3	09:15 AM - 09:20 AM	53.7	51.9	11:55 AM - 12:00 PM	54.6	52.3
06:40 AM - 06:45 AM	51.9	50.3	09:20 AM - 09:25 AM	51.2	50.2	12:00 PM - 12:05 PM	52.3	51.2
06:45 AM - 06:50 AM	54.4	51.0	09:25 AM - 09:30 AM	53.6	50.6	12:05 PM - 12:10 PM	51.3	50.3
06:50 AM - 06:55 AM	52.5	50.5	09:30 AM - 09:35 AM	53.2	50.9	12:10 PM - 12:15 PM	51.7	50.6
06:55 AM - 07:00 AM	51.5	50.2	09:35 AM - 09:40 AM	53.6	51.2	12:15 PM - 12:20 PM	51.8	50.1
07:00 AM - 07:05 AM	50.6	49.9	09:40 AM - 09:45 AM	53.0	50.9	12:20 PM - 12:25 PM	51.8	50.1
07:05 AM - 07:10 AM	51.5	50.4	09:45 AM - 09:50 AM	52.0	50.0	12:25 PM - 12:30 PM	52.6	50.9
07:10 AM - 07:15 AM	51.5	50.4	09:50 AM - 09:55 AM	52.7	51.2	12:30 PM - 12:35 PM	50.9	49.8
07:15 AM - 07:20 AM	52.5	50.6	09:55 AM - 10:00 AM	51.3	50.2	12:35 PM - 12:40 PM	50.8	49.7
07:20 AM - 07:25 AM	54.0	52.2	10:00 AM - 10:05 AM	51.7	50.2	12:40 PM - 12:45 PM	52.9	50.4
07:25 AM - 07:30 AM	54.1	51.2	10:05 AM - 10:10 AM	51.6	50.4	12:45 PM - 12:50 PM	52.2	50.8
07:30 AM - 07:35 AM	53.1	51.5	10:10 AM - 10:15 AM	50.9	50.0	12:50 PM - 12:55 PM	53.5	51.0
07:35 AM - 07:40 AM	52.7	50.7	10:15 AM - 10:20 AM	51.3	50.1	12:55 PM - 01:00 PM	52.6	51.2
07:40 AM - 07:45 AM	53.2	51.2	10:20 AM - 10:25 AM	51.8	50.4	01:00 PM - 01:05 PM	57.5	52.0
07:45 AM - 07:50 AM	54.6	51.8	10:25 AM - 10:30 AM	52.4	50.7	01:05 PM - 01:10 PM	52.2	50.5
07:50 AM - 07:55 AM	53.6	51.9	10:30 AM - 10:35 AM	50.9	49.8	01:10 PM - 01:15 PM	52.2	51.0
07:55 AM - 08:00 AM	52.8	50.4	10:35 AM - 10:40 AM	51.9	50.4	01:15 PM - 01:20 PM	52.0	50.8
08:00 AM - 08:05 AM	53.0	51.2	10:40 AM - 10:45 AM	51.4	50.1	01:20 PM - 01:25 PM	51.5	50.3
08:05 AM - 08:10 AM	52.1	50.4	10:45 AM - 10:50 AM	51.8	50.1	01:25 PM - 01:30 PM	51.3	50.0
08:10 AM - 08:15 AM	53.4	51.2	10:50 AM - 10:55 AM	51.8	50.2	01:30 PM - 01:35 PM	52.7	50.7
08:15 AM - 08:20 AM	52.4	51.2	10:55 AM - 11:00 AM	51.9	50.2	01:35 PM - 01:40 PM	52.1	50.7
08:20 AM - 08:25 AM	53.2	51.9	11:00 AM - 11:05 AM	52.6	50.6	01:40 PM - 01:45 PM	52.9	50.7
08:25 AM - 08:30 AM	53.1	51.6	11:05 AM - 11:10 AM	52.8	51.0	01:45 PM - 01:50 PM	52.3	50.6
08:30 AM - 08:35 AM	53.2	51.6	11:10 AM - 11:15 AM	53.2	51.5	01:50 PM - 01:55 PM	53.0	50.8
08:35 AM - 08:40 AM	52.5	51.4	11:15 AM - 11:20 AM	51.8	50.4	01:55 PM - 02:00 PM	53.2	51.0

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316636-1

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Sample Number 2242905-15  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 05 - May 06, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 05, 2022 Time	Leq dB(A)	L90 dB(A)	May 05, 2022 Time	Leq dB(A)	L90 dB(A)	May 05, 2022 Time	Leq dB(A)	L90 dB(A)
12:00 PM - 12:05 PM	62.4	48.5	02:40 PM - 02:45 PM	48.7	41.1	05:20 PM - 05:25 PM	49.2	44.8
12:05 PM - 12:10 PM	47.6	41.3	02:45 PM - 02:50 PM	46.9	42.6	05:25 PM - 05:30 PM	51.9	44.6
12:10 PM - 12:15 PM	44.0	39.8	02:50 PM - 02:55 PM	49.4	45.7	05:30 PM - 05:35 PM	53.0	45.2
12:15 PM - 12:20 PM	48.1	39.8	02:55 PM - 03:00 PM	48.0	46.2	05:35 PM - 05:40 PM	51.3	44.8
12:20 PM - 12:25 PM	45.1	40.0	03:00 PM - 03:05 PM	48.1	41.6	05:40 PM - 05:45 PM	49.6	43.5
12:25 PM - 12:30 PM	44.7	40.9	03:05 PM - 03:10 PM	43.3	41.4	05:45 PM - 05:50 PM	49.9	43.7
12:30 PM - 12:35 PM	45.0	40.6	03:10 PM - 03:15 PM	44.3	41.4	05:50 PM - 05:55 PM	50.4	43.4
12:35 PM - 12:40 PM	45.5	40.3	03:15 PM - 03:20 PM	45.7	42.0	05:55 PM - 06:00 PM	51.2	44.5
12:40 PM - 12:45 PM	44.1	40.0	03:20 PM - 03:25 PM	46.4	42.9	06:00 PM - 06:05 PM	48.6	44.2
12:45 PM - 12:50 PM	42.9	39.5	03:25 PM - 03:30 PM	45.1	42.0	06:05 PM - 06:10 PM	46.9	43.9
12:50 PM - 12:55 PM	47.4	42.6	03:30 PM - 03:35 PM	47.0	42.9	06:10 PM - 06:15 PM	50.0	44.7
12:55 PM - 01:00 PM	48.7	42.0	03:35 PM - 03:40 PM	46.2	42.7	06:15 PM - 06:20 PM	51.2	46.3
01:00 PM - 01:05 PM	44.5	40.2	03:40 PM - 03:45 PM	46.5	42.3	06:20 PM - 06:25 PM	48.1	47.1
01:05 PM - 01:10 PM	44.7	41.1	03:45 PM - 03:50 PM	51.2	43.3	06:25 PM - 06:30 PM	49.2	47.1
01:10 PM - 01:15 PM	46.8	41.4	03:50 PM - 03:55 PM	51.0	43.0	06:30 PM - 06:35 PM	48.8	47.5
01:15 PM - 01:20 PM	51.2	41.6	03:55 PM - 04:00 PM	48.3	42.7	06:35 PM - 06:40 PM	51.5	48.5
01:20 PM - 01:25 PM	51.5	41.1	04:00 PM - 04:05 PM	47.4	43.0	06:40 PM - 06:45 PM	50.0	47.4
01:25 PM - 01:30 PM	51.6	41.8	04:05 PM - 04:10 PM	46.0	42.9	06:45 PM - 06:50 PM	51.8	48.4
01:30 PM - 01:35 PM	47.8	42.2	04:10 PM - 04:15 PM	45.0	42.1	06:50 PM - 06:55 PM	54.4	50.5
01:35 PM - 01:40 PM	45.8	41.8	04:15 PM - 04:20 PM	49.3	44.3	06:55 PM - 07:00 PM	53.0	50.2
01:40 PM - 01:45 PM	45.5	41.6	04:20 PM - 04:25 PM	48.2	43.7	07:00 PM - 07:05 PM	53.2	51.8
01:45 PM - 01:50 PM	49.6	42.2	04:25 PM - 04:30 PM	48.5	43.8	07:05 PM - 07:10 PM	53.0	50.7
01:50 PM - 01:55 PM	52.2	42.3	04:30 PM - 04:35 PM	49.8	44.3	07:10 PM - 07:15 PM	52.0	48.4
01:55 PM - 02:00 PM	49.6	43.5	04:35 PM - 04:40 PM	47.6	43.1	07:15 PM - 07:20 PM	51.6	50.1
02:00 PM - 02:05 PM	49.9	44.5	04:40 PM - 04:45 PM	49.5	43.6	07:20 PM - 07:25 PM	52.9	51.5
02:05 PM - 02:10 PM	52.7	44.6	04:45 PM - 04:50 PM	49.7	43.7	07:25 PM - 07:30 PM	53.0	50.6
02:10 PM - 02:15 PM	52.0	45.2	04:50 PM - 04:55 PM	47.0	43.4	07:30 PM - 07:35 PM	52.9	51.5
02:15 PM - 02:20 PM	50.5	44.0	04:55 PM - 05:00 PM	50.3	44.5	07:35 PM - 07:40 PM	52.6	49.6
02:20 PM - 02:25 PM	49.6	41.7	05:00 PM - 05:05 PM	48.1	44.3	07:40 PM - 07:45 PM	52.6	49.3
02:25 PM - 02:30 PM	48.0	42.1	05:05 PM - 05:10 PM	48.0	43.8	07:45 PM - 07:50 PM	56.4	50.8
02:30 PM - 02:35 PM	50.5	42.0	05:10 PM - 05:15 PM	50.2	44.4	07:50 PM - 07:55 PM	52.8	51.1
02:35 PM - 02:40 PM	51.3	41.3	05:15 PM - 05:20 PM	52.5	44.9	07:55 PM - 08:00 PM	51.4	48.2

Approved by

Sarayuth Jitranont  
Assistant General Manager

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## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316636-1

Page 2 of 3

Sample Number 2242905-15  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 05 - May 06, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 05, 2022	Leq	L90	May 05 - May 06, 2022	Leq	L90	May 06, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
08:00 PM - 08:05 PM	60.4	50.0	10:40 PM - 10:45 PM	51.4	47.9	01:20 AM - 01:25 AM	45.8	44.6
08:05 PM - 08:10 PM	52.2	49.5	10:45 PM - 10:50 PM	50.5	46.5	01:25 AM - 01:30 AM	44.6	43.0
08:10 PM - 08:15 PM	52.7	49.9	10:50 PM - 10:55 PM	50.0	44.7	01:30 AM - 01:35 AM	47.6	43.4
08:15 PM - 08:20 PM	53.0	50.8	10:55 PM - 11:00 PM	50.1	45.2	01:35 AM - 01:40 AM	48.3	42.9
08:20 PM - 08:25 PM	52.4	49.6	11:00 PM - 11:05 PM	47.2	44.4	01:40 AM - 01:45 AM	47.2	43.1
08:25 PM - 08:30 PM	52.2	48.9	11:05 PM - 11:10 PM	50.4	45.8	01:45 AM - 01:50 AM	44.0	43.1
08:30 PM - 08:35 PM	52.5	49.2	11:10 PM - 11:15 PM	48.2	45.3	01:50 AM - 01:55 AM	43.6	43.0
08:35 PM - 08:40 PM	51.5	47.6	11:15 PM - 11:20 PM	47.8	45.7	01:55 AM - 02:00 AM	43.3	42.5
08:40 PM - 08:45 PM	51.4	49.0	11:20 PM - 11:25 PM	47.8	46.4	02:00 AM - 02:05 AM	43.7	42.9
08:45 PM - 08:50 PM	54.0	49.9	11:25 PM - 11:30 PM	48.2	46.4	02:05 AM - 02:10 AM	45.9	42.9
08:50 PM - 08:55 PM	52.4	50.5	11:30 PM - 11:35 PM	47.4	44.7	02:10 AM - 02:15 AM	46.3	43.8
08:55 PM - 09:00 PM	52.1	48.9	11:35 PM - 11:40 PM	47.9	46.2	02:15 AM - 02:20 AM	46.0	43.5
09:00 PM - 09:05 PM	49.0	46.2	11:40 PM - 11:45 PM	48.7	46.4	02:20 AM - 02:25 AM	45.7	43.7
09:05 PM - 09:10 PM	54.9	45.8	11:45 PM - 11:50 PM	47.6	46.2	02:25 AM - 02:30 AM	45.7	43.5
09:10 PM - 09:15 PM	49.3	45.7	11:50 PM - 11:55 PM	48.0	46.1	02:30 AM - 02:35 AM	45.9	43.6
09:15 PM - 09:20 PM	49.3	45.3	11:55 PM - 12:00 AM	47.5	44.7	02:35 AM - 02:40 AM	45.6	43.2
09:20 PM - 09:25 PM	46.4	45.2	12:00 AM - 12:05 AM	45.8	44.1	02:40 AM - 02:45 AM	45.6	43.6
09:25 PM - 09:30 PM	46.9	46.0	12:05 AM - 12:10 AM	45.0	43.0	02:45 AM - 02:50 AM	45.4	43.6
09:30 PM - 09:35 PM	49.5	45.6	12:10 AM - 12:15 AM	47.1	43.1	02:50 AM - 02:55 AM	45.6	43.8
09:35 PM - 09:40 PM	46.7	45.3	12:15 AM - 12:20 AM	52.8	44.3	02:55 AM - 03:00 AM	45.6	43.9
09:40 PM - 09:45 PM	50.7	45.6	12:20 AM - 12:25 AM	48.6	44.2	03:00 AM - 03:05 AM	45.9	43.9
09:45 PM - 09:50 PM	46.1	45.2	12:25 AM - 12:30 AM	48.5	44.3	03:05 AM - 03:10 AM	49.3	44.8
09:50 PM - 09:55 PM	45.7	44.9	12:30 AM - 12:35 AM	48.0	44.0	03:10 AM - 03:15 AM	52.0	43.6
09:55 PM - 10:00 PM	45.3	44.5	12:35 AM - 12:40 AM	46.9	43.6	03:15 AM - 03:20 AM	51.2	43.0
10:00 PM - 10:05 PM	50.3	44.2	12:40 AM - 12:45 AM	46.8	44.6	03:20 AM - 03:25 AM	51.6	43.1
10:05 PM - 10:10 PM	51.4	47.1	12:45 AM - 12:50 AM	46.9	46.1	03:25 AM - 03:30 AM	52.2	43.0
10:10 PM - 10:15 PM	51.4	47.4	12:50 AM - 12:55 AM	46.3	45.1	03:30 AM - 03:35 AM	51.7	42.7
10:15 PM - 10:20 PM	51.2	46.7	12:55 AM - 01:00 AM	46.3	44.5	03:35 AM - 03:40 AM	51.9	42.8
10:20 PM - 10:25 PM	51.9	50.1	01:00 AM - 01:05 AM	49.6	44.8	03:40 AM - 03:45 AM	52.0	43.1
10:25 PM - 10:30 PM	51.2	47.1	01:05 AM - 01:10 AM	49.5	44.5	03:45 AM - 03:50 AM	52.7	42.6
10:30 PM - 10:35 PM	51.9	46.4	01:10 AM - 01:15 AM	45.6	44.4	03:50 AM - 03:55 AM	53.7	43.0
10:35 PM - 10:40 PM	50.6	46.9	01:15 AM - 01:20 AM	45.8	44.7	03:55 AM - 04:00 AM	53.7	43.0

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316636-1

Page 3 of 3

Sample Number 2242905-15  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 05 - May 06, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 06, 2022 Time	Leq dB(A)	L90 dB(A)	May 06, 2022 Time	Leq dB(A)	L90 dB(A)	May 06, 2022 Time	Leq dB(A)	L90 dB(A)
04:00 AM - 04:05 AM	54.0	43.8	06:40 AM - 06:45 AM	55.4	45.7	09:20 AM - 09:25 AM	48.4	41.5
04:05 AM - 04:10 AM	53.8	43.3	06:45 AM - 06:50 AM	60.8	44.8	09:25 AM - 09:30 AM	51.0	42.8
04:10 AM - 04:15 AM	54.3	43.4	06:50 AM - 06:55 AM	51.2	40.5	09:30 AM - 09:35 AM	50.0	42.0
04:15 AM - 04:20 AM	54.6	44.6	06:55 AM - 07:00 AM	47.5	39.9	09:35 AM - 09:40 AM	46.2	42.4
04:20 AM - 04:25 AM	53.1	42.7	07:00 AM - 07:05 AM	48.7	38.8	09:40 AM - 09:45 AM	46.7	42.4
04:25 AM - 04:30 AM	46.5	43.0	07:05 AM - 07:10 AM	53.4	38.5	09:45 AM - 09:50 AM	47.7	41.4
04:30 AM - 04:35 AM	47.5	43.9	07:10 AM - 07:15 AM	60.9	42.2	09:50 AM - 09:55 AM	49.1	41.7
04:35 AM - 04:40 AM	48.1	43.7	07:15 AM - 07:20 AM	61.1	39.8	09:55 AM - 10:00 AM	50.4	42.6
04:40 AM - 04:45 AM	57.4	43.4	07:20 AM - 07:25 AM	49.9	39.8	10:00 AM - 10:05 AM	47.4	41.3
04:45 AM - 04:50 AM	47.3	44.7	07:25 AM - 07:30 AM	46.7	39.1	10:05 AM - 10:10 AM	47.1	40.4
04:50 AM - 04:55 AM	48.5	45.0	07:30 AM - 07:35 AM	48.0	38.5	10:10 AM - 10:15 AM	46.6	40.7
04:55 AM - 05:00 AM	50.7	46.0	07:35 AM - 07:40 AM	46.3	39.6	10:15 AM - 10:20 AM	44.9	40.7
05:00 AM - 05:05 AM	52.7	47.0	07:40 AM - 07:45 AM	48.8	42.4	10:20 AM - 10:25 AM	46.0	41.6
05:05 AM - 05:10 AM	47.8	44.4	07:45 AM - 07:50 AM	48.6	41.4	10:25 AM - 10:30 AM	45.5	41.0
05:10 AM - 05:15 AM	52.9	45.7	07:50 AM - 07:55 AM	46.3	40.1	10:30 AM - 10:35 AM	46.7	41.0
05:15 AM - 05:20 AM	50.9	45.5	07:55 AM - 08:00 AM	48.7	40.3	10:35 AM - 10:40 AM	46.5	41.3
05:20 AM - 05:25 AM	50.3	44.4	08:00 AM - 08:05 AM	46.8	40.3	10:40 AM - 10:45 AM	45.2	40.8
05:25 AM - 05:30 AM	48.8	44.9	08:05 AM - 08:10 AM	47.1	41.8	10:45 AM - 10:50 AM	45.3	41.5
05:30 AM - 05:35 AM	51.6	47.0	08:10 AM - 08:15 AM	49.1	42.2	10:50 AM - 10:55 AM	51.9	42.3
05:35 AM - 05:40 AM	50.7	45.4	08:15 AM - 08:20 AM	47.0	41.8	10:55 AM - 11:00 AM	49.4	41.3
05:40 AM - 05:45 AM	50.6	44.5	08:20 AM - 08:25 AM	46.2	41.4	11:00 AM - 11:05 AM	46.1	40.7
05:45 AM - 05:50 AM	51.1	45.2	08:25 AM - 08:30 AM	49.2	42.3	11:05 AM - 11:10 AM	47.5	41.1
05:50 AM - 05:55 AM	50.5	44.6	08:30 AM - 08:35 AM	50.3	42.1	11:10 AM - 11:15 AM	57.1	41.2
05:55 AM - 06:00 AM	51.0	43.7	08:35 AM - 08:40 AM	46.8	41.2	11:15 AM - 11:20 AM	45.0	40.6
06:00 AM - 06:05 AM	48.8	43.5	08:40 AM - 08:45 AM	46.1	41.3	11:20 AM - 11:25 AM	44.3	40.7
06:05 AM - 06:10 AM	48.5	42.6	08:45 AM - 08:50 AM	45.8	41.3	11:25 AM - 11:30 AM	44.0	39.9
06:10 AM - 06:15 AM	50.7	44.5	08:50 AM - 08:55 AM	48.7	41.7	11:30 AM - 11:35 AM	42.9	39.9
06:15 AM - 06:20 AM	50.6	43.5	08:55 AM - 09:00 AM	49.5	42.7	11:35 AM - 11:40 AM	42.6	40.5
06:20 AM - 06:25 AM	54.0	43.2	09:00 AM - 09:05 AM	50.7	41.9	11:40 AM - 11:45 AM	45.8	40.2
06:25 AM - 06:30 AM	52.6	44.6	09:05 AM - 09:10 AM	48.0	41.4	11:45 AM - 11:50 AM	45.4	40.8
06:30 AM - 06:35 AM	51.1	46.0	09:10 AM - 09:15 AM	50.5	40.6	11:50 AM - 11:55 AM	47.0	40.6
06:35 AM - 06:40 AM	51.0	47.6	09:15 AM - 09:20 AM	49.1	42.6	11:55 AM - 12:00 PM	48.7	39.8

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpoin, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316637-1

Page 1 of 3

Sample Number 2242905-16  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 06 - May 07, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 06, 2022 Time	Leq dB(A)	L90 dB(A)	May 06, 2022 Time	Leq dB(A)	L90 dB(A)	May 06, 2022 Time	Leq dB(A)	L90 dB(A)
12:00 PM - 12:05 PM	51.7	40.5	02:40 PM - 02:45 PM	45.0	39.5	05:20 PM - 05:25 PM	47.5	44.9
12:05 PM - 12:10 PM	44.9	39.9	02:45 PM - 02:50 PM	43.1	38.9	05:25 PM - 05:30 PM	49.9	45.5
12:10 PM - 12:15 PM	45.7	40.2	02:50 PM - 02:55 PM	46.2	39.0	05:30 PM - 05:35 PM	51.8	44.6
12:15 PM - 12:20 PM	57.8	41.8	02:55 PM - 03:00 PM	46.3	40.0	05:35 PM - 05:40 PM	47.1	43.0
12:20 PM - 12:25 PM	46.0	40.4	03:00 PM - 03:05 PM	43.3	39.1	05:40 PM - 05:45 PM	47.0	42.6
12:25 PM - 12:30 PM	45.1	41.1	03:05 PM - 03:10 PM	41.6	38.6	05:45 PM - 05:50 PM	53.1	45.1
12:30 PM - 12:35 PM	45.3	41.1	03:10 PM - 03:15 PM	48.0	40.4	05:50 PM - 05:55 PM	48.3	41.5
12:35 PM - 12:40 PM	44.2	41.1	03:15 PM - 03:20 PM	44.4	39.3	05:55 PM - 06:00 PM	47.3	42.3
12:40 PM - 12:45 PM	45.9	42.2	03:20 PM - 03:25 PM	46.7	39.5	06:00 PM - 06:05 PM	48.8	43.5
12:45 PM - 12:50 PM	45.3	41.6	03:25 PM - 03:30 PM	48.3	40.2	06:05 PM - 06:10 PM	44.7	42.2
12:50 PM - 12:55 PM	55.6	42.2	03:30 PM - 03:35 PM	47.4	40.9	06:10 PM - 06:15 PM	47.6	43.9
12:55 PM - 01:00 PM	52.9	40.8	03:35 PM - 03:40 PM	47.9	41.1	06:15 PM - 06:20 PM	47.4	43.4
01:00 PM - 01:05 PM	48.8	40.6	03:40 PM - 03:45 PM	48.6	41.4	06:20 PM - 06:25 PM	48.6	43.5
01:05 PM - 01:10 PM	44.8	40.7	03:45 PM - 03:50 PM	46.5	40.9	06:25 PM - 06:30 PM	47.0	43.6
01:10 PM - 01:15 PM	45.4	40.3	03:50 PM - 03:55 PM	44.9	41.0	06:30 PM - 06:35 PM	47.7	43.7
01:15 PM - 01:20 PM	45.7	40.5	03:55 PM - 04:00 PM	45.1	40.4	06:35 PM - 06:40 PM	46.2	43.8
01:20 PM - 01:25 PM	43.5	39.2	04:00 PM - 04:05 PM	47.9	40.4	06:40 PM - 06:45 PM	46.5	43.7
01:25 PM - 01:30 PM	46.0	39.7	04:05 PM - 04:10 PM	47.4	40.8	06:45 PM - 06:50 PM	48.3	44.4
01:30 PM - 01:35 PM	44.7	39.3	04:10 PM - 04:15 PM	45.6	41.2	06:50 PM - 06:55 PM	49.0	45.6
01:35 PM - 01:40 PM	44.1	38.7	04:15 PM - 04:20 PM	46.3	41.8	06:55 PM - 07:00 PM	50.2	46.8
01:40 PM - 01:45 PM	46.4	38.9	04:20 PM - 04:25 PM	49.2	42.7	07:00 PM - 07:05 PM	49.6	45.9
01:45 PM - 01:50 PM	44.6	38.4	04:25 PM - 04:30 PM	49.7	43.9	07:05 PM - 07:10 PM	48.2	44.8
01:50 PM - 01:55 PM	44.4	39.7	04:30 PM - 04:35 PM	49.4	42.3	07:10 PM - 07:15 PM	46.4	44.2
01:55 PM - 02:00 PM	43.3	39.1	04:35 PM - 04:40 PM	50.2	43.8	07:15 PM - 07:20 PM	46.2	44.2
02:00 PM - 02:05 PM	44.1	37.9	04:40 PM - 04:45 PM	49.2	41.5	07:20 PM - 07:25 PM	46.9	44.5
02:05 PM - 02:10 PM	41.0	37.8	04:45 PM - 04:50 PM	49.0	44.3	07:25 PM - 07:30 PM	47.8	45.1
02:10 PM - 02:15 PM	41.9	38.3	04:50 PM - 04:55 PM	47.0	42.5	07:30 PM - 07:35 PM	50.8	45.2
02:15 PM - 02:20 PM	44.2	38.4	04:55 PM - 05:00 PM	50.8	46.3	07:35 PM - 07:40 PM	47.1	44.2
02:20 PM - 02:25 PM	41.6	38.3	05:00 PM - 05:05 PM	49.9	45.6	07:40 PM - 07:45 PM	48.5	44.7
02:25 PM - 02:30 PM	41.0	38.1	05:05 PM - 05:10 PM	50.8	45.0	07:45 PM - 07:50 PM	48.4	44.3
02:30 PM - 02:35 PM	44.4	39.1	05:10 PM - 05:15 PM	51.6	45.3	07:50 PM - 07:55 PM	46.0	43.6
02:35 PM - 02:40 PM	44.8	39.8	05:15 PM - 05:20 PM	49.6	44.3	07:55 PM - 08:00 PM	46.8	44.0

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Approved by

Sarayuth Jitranont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316637-1

Page 2 of 3

Sample Number 2242905-16  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 06 - May 07, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 06, 2022	Leq	L90	May 06 - May 07, 2022	Leq	L90	May 07, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
08:00 PM - 08:05 PM	48.4	43.7	10:40 PM - 10:45 PM	44.1	42.7	01:20 AM - 01:25 AM	47.8	44.3
08:05 PM - 08:10 PM	46.4	43.9	10:45 PM - 10:50 PM	43.8	43.2	01:25 AM - 01:30 AM	44.5	43.8
08:10 PM - 08:15 PM	45.7	44.5	10:50 PM - 10:55 PM	43.8	43.1	01:30 AM - 01:35 AM	44.6	43.9
08:15 PM - 08:20 PM	46.6	45.2	10:55 PM - 11:00 PM	43.1	41.9	01:35 AM - 01:40 AM	44.9	44.2
08:20 PM - 08:25 PM	48.3	45.1	11:00 PM - 11:05 PM	45.4	41.1	01:40 AM - 01:45 AM	44.3	43.4
08:25 PM - 08:30 PM	46.7	44.8	11:05 PM - 11:10 PM	44.7	41.3	01:45 AM - 01:50 AM	44.5	43.8
08:30 PM - 08:35 PM	45.6	44.4	11:10 PM - 11:15 PM	42.2	41.4	01:50 AM - 01:55 AM	43.9	43.4
08:35 PM - 08:40 PM	49.8	44.6	11:15 PM - 11:20 PM	42.6	41.8	01:55 AM - 02:00 AM	43.9	43.4
08:40 PM - 08:45 PM	46.1	43.6	11:20 PM - 11:25 PM	42.2	41.4	02:00 AM - 02:05 AM	44.2	43.6
08:45 PM - 08:50 PM	54.9	43.9	11:25 PM - 11:30 PM	42.9	41.8	02:05 AM - 02:10 AM	44.7	43.1
08:50 PM - 08:55 PM	46.0	43.4	11:30 PM - 11:35 PM	42.8	42.1	02:10 AM - 02:15 AM	44.7	44.0
08:55 PM - 09:00 PM	48.4	43.4	11:35 PM - 11:40 PM	44.2	42.5	02:15 AM - 02:20 AM	44.2	42.5
09:00 PM - 09:05 PM	46.0	42.5	11:40 PM - 11:45 PM	43.5	42.3	02:20 AM - 02:25 AM	44.4	43.7
09:05 PM - 09:10 PM	43.5	42.5	11:45 PM - 11:50 PM	43.8	42.6	02:25 AM - 02:30 AM	44.8	44.1
09:10 PM - 09:15 PM	46.8	44.0	11:50 PM - 11:55 PM	45.4	42.1	02:30 AM - 02:35 AM	44.1	42.2
09:15 PM - 09:20 PM	45.0	43.7	11:55 PM - 12:00 AM	42.3	41.5	02:35 AM - 02:40 AM	44.4	43.7
09:20 PM - 09:25 PM	44.5	43.5	12:00 AM - 12:05 AM	42.2	41.4	02:40 AM - 02:45 AM	43.5	42.6
09:25 PM - 09:30 PM	45.1	42.9	12:05 AM - 12:10 AM	42.1	41.5	02:45 AM - 02:50 AM	43.1	41.3
09:30 PM - 09:35 PM	46.0	44.7	12:10 AM - 12:15 AM	42.0	41.4	02:50 AM - 02:55 AM	45.4	42.6
09:35 PM - 09:40 PM	47.9	44.1	12:15 AM - 12:20 AM	43.6	42.0	02:55 AM - 03:00 AM	43.2	41.9
09:40 PM - 09:45 PM	46.8	42.8	12:20 AM - 12:25 AM	42.3	41.7	03:00 AM - 03:05 AM	44.2	43.0
09:45 PM - 09:50 PM	45.3	42.6	12:25 AM - 12:30 AM	42.9	42.1	03:05 AM - 03:10 AM	43.2	42.1
09:50 PM - 09:55 PM	43.6	42.2	12:30 AM - 12:35 AM	45.5	42.1	03:10 AM - 03:15 AM	41.1	40.3
09:55 PM - 10:00 PM	44.1	42.3	12:35 AM - 12:40 AM	42.9	42.1	03:15 AM - 03:20 AM	40.7	39.9
10:00 PM - 10:05 PM	44.1	42.3	12:40 AM - 12:45 AM	43.0	41.7	03:20 AM - 03:25 AM	44.2	39.8
10:05 PM - 10:10 PM	45.4	42.6	12:45 AM - 12:50 AM	42.8	42.0	03:25 AM - 03:30 AM	41.9	40.3
10:10 PM - 10:15 PM	44.5	43.0	12:50 AM - 12:55 AM	43.9	42.6	03:30 AM - 03:35 AM	41.9	41.0
10:15 PM - 10:20 PM	45.1	43.6	12:55 AM - 01:00 AM	44.0	42.9	03:35 AM - 03:40 AM	45.5	41.3
10:20 PM - 10:25 PM	45.6	43.4	01:00 AM - 01:05 AM	44.3	43.7	03:40 AM - 03:45 AM	50.1	42.2
10:25 PM - 10:30 PM	46.7	42.7	01:05 AM - 01:10 AM	44.6	43.8	03:45 AM - 03:50 AM	50.7	41.2
10:30 PM - 10:35 PM	44.3	42.5	01:10 AM - 01:15 AM	44.7	43.7	03:50 AM - 03:55 AM	52.6	41.7
10:35 PM - 10:40 PM	43.8	42.9	01:15 AM - 01:20 AM	44.9	44.2	03:55 AM - 04:00 AM	53.4	42.3

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2242905

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316637-1

Page 3 of 3

Sample Number 2242905-16  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 06 - May 07, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 07, 2022 Time	Leq dB(A)	L90 dB(A)	May 07, 2022 Time	Leq dB(A)	L90 dB(A)	May 07, 2022 Time	Leq dB(A)	L90 dB(A)
04:00 AM - 04:05 AM	52.5	42.1	06:40 AM - 06:45 AM	51.3	42.2	09:20 AM - 09:25 AM	47.9	41.7
04:05 AM - 04:10 AM	52.5	41.6	06:45 AM - 06:50 AM	51.0	43.1	09:25 AM - 09:30 AM	49.7	41.2
04:10 AM - 04:15 AM	52.1	41.1	06:50 AM - 06:55 AM	47.1	40.9	09:30 AM - 09:35 AM	47.2	41.6
04:15 AM - 04:20 AM	54.4	40.6	06:55 AM - 07:00 AM	55.9	42.1	09:35 AM - 09:40 AM	46.3	41.1
04:20 AM - 04:25 AM	52.4	41.1	07:00 AM - 07:05 AM	50.3	41.3	09:40 AM - 09:45 AM	46.2	40.6
04:25 AM - 04:30 AM	46.3	42.4	07:05 AM - 07:10 AM	48.4	42.0	09:45 AM - 09:50 AM	45.6	41.8
04:30 AM - 04:35 AM	50.7	42.4	07:10 AM - 07:15 AM	49.7	40.9	09:50 AM - 09:55 AM	46.7	41.8
04:35 AM - 04:40 AM	51.7	42.1	07:15 AM - 07:20 AM	48.3	40.9	09:55 AM - 10:00 AM	47.9	41.3
04:40 AM - 04:45 AM	46.0	42.7	07:20 AM - 07:25 AM	53.8	41.9	10:00 AM - 10:05 AM	47.2	42.5
04:45 AM - 04:50 AM	49.8	44.3	07:25 AM - 07:30 AM	50.4	41.0	10:05 AM - 10:10 AM	47.0	42.4
04:50 AM - 04:55 AM	49.4	45.7	07:30 AM - 07:35 AM	48.0	40.9	10:10 AM - 10:15 AM	48.5	42.4
04:55 AM - 05:00 AM	50.7	46.3	07:35 AM - 07:40 AM	50.9	40.6	10:15 AM - 10:20 AM	45.4	41.6
05:00 AM - 05:05 AM	51.4	47.6	07:40 AM - 07:45 AM	52.3	43.3	10:20 AM - 10:25 AM	46.7	42.9
05:05 AM - 05:10 AM	49.4	46.4	07:45 AM - 07:50 AM	47.9	40.1	10:25 AM - 10:30 AM	46.8	42.1
05:10 AM - 05:15 AM	49.2	45.7	07:50 AM - 07:55 AM	46.6	40.0	10:30 AM - 10:35 AM	45.5	42.6
05:15 AM - 05:20 AM	48.2	45.6	07:55 AM - 08:00 AM	47.9	40.5	10:35 AM - 10:40 AM	47.6	42.3
05:20 AM - 05:25 AM	50.0	46.2	08:00 AM - 08:05 AM	53.0	41.3	10:40 AM - 10:45 AM	48.7	42.5
05:25 AM - 05:30 AM	49.2	45.2	08:05 AM - 08:10 AM	55.9	42.8	10:45 AM - 10:50 AM	50.9	43.1
05:30 AM - 05:35 AM	53.6	44.3	08:10 AM - 08:15 AM	54.0	40.6	10:50 AM - 10:55 AM	48.0	44.0
05:35 AM - 05:40 AM	51.8	45.7	08:15 AM - 08:20 AM	48.4	41.8	10:55 AM - 11:00 AM	46.4	43.5
05:40 AM - 05:45 AM	51.0	44.4	08:20 AM - 08:25 AM	47.4	41.8	11:00 AM - 11:05 AM	46.9	43.0
05:45 AM - 05:50 AM	49.1	42.9	08:25 AM - 08:30 AM	45.3	41.0	11:05 AM - 11:10 AM	47.6	42.9
05:50 AM - 05:55 AM	51.4	43.5	08:30 AM - 08:35 AM	47.6	41.6	11:10 AM - 11:15 AM	45.0	42.1
05:55 AM - 06:00 AM	50.8	44.0	08:35 AM - 08:40 AM	51.6	41.4	11:15 AM - 11:20 AM	45.1	42.1
06:00 AM - 06:05 AM	48.5	43.1	08:40 AM - 08:45 AM	46.2	42.0	11:20 AM - 11:25 AM	60.6	44.4
06:05 AM - 06:10 AM	52.3	44.1	08:45 AM - 08:50 AM	46.7	41.3	11:25 AM - 11:30 AM	47.7	42.0
06:10 AM - 06:15 AM	48.1	43.9	08:50 AM - 08:55 AM	47.5	41.2	11:30 AM - 11:35 AM	44.4	40.7
06:15 AM - 06:20 AM	47.7	43.2	08:55 AM - 09:00 AM	52.6	41.2	11:35 AM - 11:40 AM	45.0	41.5
06:20 AM - 06:25 AM	49.9	43.2	09:00 AM - 09:05 AM	48.9	41.3	11:40 AM - 11:45 AM	47.2	41.2
06:25 AM - 06:30 AM	50.3	44.2	09:05 AM - 09:10 AM	48.5	41.5	11:45 AM - 11:50 AM	45.9	41.1
06:30 AM - 06:35 AM	50.3	46.1	09:10 AM - 09:15 AM	47.0	41.2	11:50 AM - 11:55 AM	46.9	43.1
06:35 AM - 06:40 AM	49.6	42.8	09:15 AM - 09:20 AM	49.0	41.5	11:55 AM - 12:00 PM	49.5	46.2

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316638-1

Page 1 of 3

Sample Number 2242905-17  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 07 - May 08, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 07, 2022 Time	Leq dB(A)	L90 dB(A)	May 07, 2022 Time	Leq dB(A)	L90 dB(A)	May 07, 2022 Time	Leq dB(A)	L90 dB(A)
12:00 PM - 12:05 PM	49.7	45.9	02:40 PM - 02:45 PM	51.7	47.6	05:20 PM - 05:25 PM	48.1	43.8
12:05 PM - 12:10 PM	48.5	46.2	02:45 PM - 02:50 PM	48.7	47.4	05:25 PM - 05:30 PM	50.1	44.1
12:10 PM - 12:15 PM	52.6	47.5	02:50 PM - 02:55 PM	49.4	47.9	05:30 PM - 05:35 PM	51.3	45.8
12:15 PM - 12:20 PM	51.0	45.5	02:55 PM - 03:00 PM	50.3	48.4	05:35 PM - 05:40 PM	50.2	45.7
12:20 PM - 12:25 PM	50.4	46.2	03:00 PM - 03:05 PM	50.2	47.4	05:40 PM - 05:45 PM	47.9	45.1
12:25 PM - 12:30 PM	48.9	46.4	03:05 PM - 03:10 PM	51.5	50.3	05:45 PM - 05:50 PM	53.3	46.7
12:30 PM - 12:35 PM	49.7	45.5	03:10 PM - 03:15 PM	51.9	50.2	05:50 PM - 05:55 PM	48.7	44.9
12:35 PM - 12:40 PM	47.7	45.1	03:15 PM - 03:20 PM	49.5	48.0	05:55 PM - 06:00 PM	48.2	44.0
12:40 PM - 12:45 PM	47.7	45.2	03:20 PM - 03:25 PM	50.2	48.5	06:00 PM - 06:05 PM	46.3	44.1
12:45 PM - 12:50 PM	47.5	44.3	03:25 PM - 03:30 PM	51.8	50.1	06:05 PM - 06:10 PM	45.0	43.5
12:50 PM - 12:55 PM	49.7	44.9	03:30 PM - 03:35 PM	53.5	52.4	06:10 PM - 06:15 PM	47.0	44.0
12:55 PM - 01:00 PM	55.2	45.0	03:35 PM - 03:40 PM	52.7	51.7	06:15 PM - 06:20 PM	46.8	44.0
01:00 PM - 01:05 PM	49.6	45.3	03:40 PM - 03:45 PM	52.1	51.2	06:20 PM - 06:25 PM	47.5	45.1
01:05 PM - 01:10 PM	51.1	47.3	03:45 PM - 03:50 PM	52.2	51.3	06:25 PM - 06:30 PM	49.1	46.1
01:10 PM - 01:15 PM	58.2	53.5	03:50 PM - 03:55 PM	54.5	51.1	06:30 PM - 06:35 PM	48.9	46.7
01:15 PM - 01:20 PM	56.5	52.5	03:55 PM - 04:00 PM	53.0	51.8	06:35 PM - 06:40 PM	47.9	45.8
01:20 PM - 01:25 PM	53.7	49.2	04:00 PM - 04:05 PM	53.6	51.6	06:40 PM - 06:45 PM	48.7	44.9
01:25 PM - 01:30 PM	52.4	49.5	04:05 PM - 04:10 PM	52.8	50.6	06:45 PM - 06:50 PM	48.9	45.3
01:30 PM - 01:35 PM	58.4	52.4	04:10 PM - 04:15 PM	50.7	49.4	06:50 PM - 06:55 PM	48.0	45.1
01:35 PM - 01:40 PM	60.0	57.3	04:15 PM - 04:20 PM	51.4	49.6	06:55 PM - 07:00 PM	46.3	44.5
01:40 PM - 01:45 PM	54.3	53.2	04:20 PM - 04:25 PM	51.1	49.5	07:00 PM - 07:05 PM	53.9	44.5
01:45 PM - 01:50 PM	52.7	52.1	04:25 PM - 04:30 PM	52.5	48.9	07:05 PM - 07:10 PM	50.6	44.5
01:50 PM - 01:55 PM	51.5	48.4	04:30 PM - 04:35 PM	49.9	48.3	07:10 PM - 07:15 PM	46.6	44.0
01:55 PM - 02:00 PM	51.0	49.5	04:35 PM - 04:40 PM	50.3	48.2	07:15 PM - 07:20 PM	45.4	43.8
02:00 PM - 02:05 PM	54.3	51.5	04:40 PM - 04:45 PM	50.3	48.5	07:20 PM - 07:25 PM	48.5	44.1
02:05 PM - 02:10 PM	54.0	51.2	04:45 PM - 04:50 PM	52.6	48.6	07:25 PM - 07:30 PM	49.7	44.8
02:10 PM - 02:15 PM	53.0	51.3	04:50 PM - 04:55 PM	54.2	51.7	07:30 PM - 07:35 PM	47.9	43.9
02:15 PM - 02:20 PM	54.9	53.6	04:55 PM - 05:00 PM	51.7	47.5	07:35 PM - 07:40 PM	45.6	44.0
02:20 PM - 02:25 PM	54.4	53.2	05:00 PM - 05:05 PM	51.0	48.5	07:40 PM - 07:45 PM	46.8	44.1
02:25 PM - 02:30 PM	52.7	51.4	05:05 PM - 05:10 PM	49.2	45.6	07:45 PM - 07:50 PM	45.9	44.1
02:30 PM - 02:35 PM	49.5	47.4	05:10 PM - 05:15 PM	49.3	44.6	07:50 PM - 07:55 PM	48.8	44.1
02:35 PM - 02:40 PM	52.9	48.8	05:15 PM - 05:20 PM	51.0	44.7	07:55 PM - 08:00 PM	48.3	44.9

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Approved by

Sarayuth Jitranont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316638-1

Page 2 of 3

Sample Number 2242905-17  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 07 - May 08, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 07, 2022	Leq	L90	May 07 - May 08, 2022	Leq	L90	May 08, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
08:00 PM - 08:05 PM	51.2	45.9	10:40 PM - 10:45 PM	43.3	41.0	01:20 AM - 01:25 AM	53.2	39.2
08:05 PM - 08:10 PM	47.4	45.5	10:45 PM - 10:50 PM	41.6	40.1	01:25 AM - 01:30 AM	40.7	39.5
08:10 PM - 08:15 PM	48.1	45.4	10:50 PM - 10:55 PM	41.7	39.9	01:30 AM - 01:35 AM	43.0	39.8
08:15 PM - 08:20 PM	50.0	45.9	10:55 PM - 11:00 PM	41.3	39.8	01:35 AM - 01:40 AM	40.4	39.4
08:20 PM - 08:25 PM	47.3	44.2	11:00 PM - 11:05 PM	42.9	40.2	01:40 AM - 01:45 AM	40.3	39.4
08:25 PM - 08:30 PM	44.9	43.6	11:05 PM - 11:10 PM	40.4	39.4	01:45 AM - 01:50 AM	40.2	39.3
08:30 PM - 08:35 PM	45.4	43.5	11:10 PM - 11:15 PM	41.0	39.8	01:50 AM - 01:55 AM	45.0	39.9
08:35 PM - 08:40 PM	46.2	43.6	11:15 PM - 11:20 PM	40.1	39.2	01:55 AM - 02:00 AM	54.7	39.7
08:40 PM - 08:45 PM	44.7	43.7	11:20 PM - 11:25 PM	40.9	39.1	02:00 AM - 02:05 AM	49.6	40.1
08:45 PM - 08:50 PM	44.4	43.2	11:25 PM - 11:30 PM	40.5	39.4	02:05 AM - 02:10 AM	41.0	39.6
08:50 PM - 08:55 PM	46.1	43.6	11:30 PM - 11:35 PM	39.9	39.1	02:10 AM - 02:15 AM	40.4	39.7
08:55 PM - 09:00 PM	45.0	43.4	11:35 PM - 11:40 PM	40.5	39.3	02:15 AM - 02:20 AM	40.3	39.6
09:00 PM - 09:05 PM	45.3	43.7	11:40 PM - 11:45 PM	39.4	38.6	02:20 AM - 02:25 AM	40.5	39.5
09:05 PM - 09:10 PM	45.6	43.6	11:45 PM - 11:50 PM	43.1	40.0	02:25 AM - 02:30 AM	40.4	39.7
09:10 PM - 09:15 PM	43.8	42.0	11:50 PM - 11:55 PM	42.2	40.2	02:30 AM - 02:35 AM	40.7	39.6
09:15 PM - 09:20 PM	44.4	42.4	11:55 PM - 12:00 AM	41.8	40.5	02:35 AM - 02:40 AM	40.3	39.3
09:20 PM - 09:25 PM	44.4	42.1	12:00 AM - 12:05 AM	42.3	40.0	02:40 AM - 02:45 AM	40.8	39.6
09:25 PM - 09:30 PM	44.3	41.7	12:05 AM - 12:10 AM	42.5	40.6	02:45 AM - 02:50 AM	40.3	39.2
09:30 PM - 09:35 PM	43.2	41.3	12:10 AM - 12:15 AM	41.0	39.5	02:50 AM - 02:55 AM	40.8	39.2
09:35 PM - 09:40 PM	41.5	40.3	12:15 AM - 12:20 AM	40.5	39.8	02:55 AM - 03:00 AM	42.7	39.4
09:40 PM - 09:45 PM	44.6	40.4	12:20 AM - 12:25 AM	40.5	39.8	03:00 AM - 03:05 AM	39.9	39.0
09:45 PM - 09:50 PM	42.0	40.8	12:25 AM - 12:30 AM	40.9	40.1	03:05 AM - 03:10 AM	40.8	39.9
09:50 PM - 09:55 PM	46.1	41.4	12:30 AM - 12:35 AM	46.9	39.0	03:10 AM - 03:15 AM	42.1	40.1
09:55 PM - 10:00 PM	44.1	41.2	12:35 AM - 12:40 AM	41.1	39.5	03:15 AM - 03:20 AM	43.9	40.2
10:00 PM - 10:05 PM	45.9	41.0	12:40 AM - 12:45 AM	42.0	39.8	03:20 AM - 03:25 AM	42.8	40.3
10:05 PM - 10:10 PM	41.6	40.4	12:45 AM - 12:50 AM	41.3	39.4	03:25 AM - 03:30 AM	51.0	40.5
10:10 PM - 10:15 PM	41.5	40.5	12:50 AM - 12:55 AM	40.6	39.4	03:30 AM - 03:35 AM	45.1	40.9
10:15 PM - 10:20 PM	41.1	40.3	12:55 AM - 01:00 AM	40.2	39.3	03:35 AM - 03:40 AM	44.9	40.6
10:20 PM - 10:25 PM	40.4	39.1	01:00 AM - 01:05 AM	40.5	39.3	03:40 AM - 03:45 AM	45.4	40.8
10:25 PM - 10:30 PM	40.5	39.8	01:05 AM - 01:10 AM	40.1	39.3	03:45 AM - 03:50 AM	46.2	41.2
10:30 PM - 10:35 PM	41.0	40.0	01:10 AM - 01:15 AM	54.7	38.6	03:50 AM - 03:55 AM	49.4	41.0
10:35 PM - 10:40 PM	41.9	40.3	01:15 AM - 01:20 AM	42.8	39.5	03:55 AM - 04:00 AM	49.6	41.1

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpoin, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2242905

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316638-1

Page 3 of 3

Sample Number 2242905-17  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 07 - May 08, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 08, 2022 Time	Leq dB(A)	L90 dB(A)	May 08, 2022 Time	Leq dB(A)	L90 dB(A)	May 08, 2022 Time	Leq dB(A)	L90 dB(A)
04:00 AM - 04:05 AM	50.9	41.6	06:40 AM - 06:45 AM	48.9	45.0	09:20 AM - 09:25 AM	51.2	42.1
04:05 AM - 04:10 AM	50.0	41.4	06:45 AM - 06:50 AM	50.4	46.0	09:25 AM - 09:30 AM	56.5	41.8
04:10 AM - 04:15 AM	50.5	41.9	06:50 AM - 06:55 AM	52.1	46.8	09:30 AM - 09:35 AM	47.2	41.6
04:15 AM - 04:20 AM	50.5	42.0	06:55 AM - 07:00 AM	49.9	45.8	09:35 AM - 09:40 AM	45.5	41.3
04:20 AM - 04:25 AM	52.0	42.6	07:00 AM - 07:05 AM	48.4	44.8	09:40 AM - 09:45 AM	46.2	41.0
04:25 AM - 04:30 AM	52.0	44.0	07:05 AM - 07:10 AM	51.2	47.8	09:45 AM - 09:50 AM	45.2	40.5
04:30 AM - 04:35 AM	45.7	42.8	07:10 AM - 07:15 AM	47.9	44.1	09:50 AM - 09:55 AM	48.6	42.2
04:35 AM - 04:40 AM	44.2	43.1	07:15 AM - 07:20 AM	48.4	44.2	09:55 AM - 10:00 AM	44.8	40.4
04:40 AM - 04:45 AM	52.1	43.3	07:20 AM - 07:25 AM	47.5	44.0	10:00 AM - 10:05 AM	45.8	42.0
04:45 AM - 04:50 AM	46.5	43.6	07:25 AM - 07:30 AM	50.6	44.1	10:05 AM - 10:10 AM	51.7	42.1
04:50 AM - 04:55 AM	49.3	45.1	07:30 AM - 07:35 AM	50.2	43.7	10:10 AM - 10:15 AM	49.3	41.8
04:55 AM - 05:00 AM	48.5	45.4	07:35 AM - 07:40 AM	49.5	43.5	10:15 AM - 10:20 AM	46.7	41.8
05:00 AM - 05:05 AM	50.4	44.8	07:40 AM - 07:45 AM	54.2	44.6	10:20 AM - 10:25 AM	47.0	40.8
05:05 AM - 05:10 AM	49.3	46.1	07:45 AM - 07:50 AM	54.4	45.9	10:25 AM - 10:30 AM	45.4	40.8
05:10 AM - 05:15 AM	47.5	44.2	07:50 AM - 07:55 AM	51.8	43.3	10:30 AM - 10:35 AM	48.5	43.6
05:15 AM - 05:20 AM	50.3	44.4	07:55 AM - 08:00 AM	51.0	44.7	10:35 AM - 10:40 AM	43.5	39.6
05:20 AM - 05:25 AM	50.3	44.4	08:00 AM - 08:05 AM	50.4	44.3	10:40 AM - 10:45 AM	44.4	40.1
05:25 AM - 05:30 AM	47.3	43.6	08:05 AM - 08:10 AM	48.8	43.2	10:45 AM - 10:50 AM	47.6	40.4
05:30 AM - 05:35 AM	51.5	44.2	08:10 AM - 08:15 AM	48.0	41.9	10:50 AM - 10:55 AM	47.3	41.3
05:35 AM - 05:40 AM	49.9	44.0	08:15 AM - 08:20 AM	49.7	42.0	10:55 AM - 11:00 AM	48.4	40.5
05:40 AM - 05:45 AM	51.0	44.3	08:20 AM - 08:25 AM	51.9	43.1	11:00 AM - 11:05 AM	44.9	39.2
05:45 AM - 05:50 AM	50.0	44.2	08:25 AM - 08:30 AM	48.4	42.6	11:05 AM - 11:10 AM	46.4	41.6
05:50 AM - 05:55 AM	47.8	43.1	08:30 AM - 08:35 AM	53.7	42.0	11:10 AM - 11:15 AM	46.5	40.4
05:55 AM - 06:00 AM	51.2	43.8	08:35 AM - 08:40 AM	52.0	42.0	11:15 AM - 11:20 AM	47.2	40.2
06:00 AM - 06:05 AM	50.4	42.9	08:40 AM - 08:45 AM	47.9	41.6	11:20 AM - 11:25 AM	48.5	41.5
06:05 AM - 06:10 AM	48.3	41.9	08:45 AM - 08:50 AM	49.5	42.7	11:25 AM - 11:30 AM	46.6	41.0
06:10 AM - 06:15 AM	45.6	42.6	08:50 AM - 08:55 AM	54.7	42.0	11:30 AM - 11:35 AM	47.9	40.7
06:15 AM - 06:20 AM	50.7	43.3	08:55 AM - 09:00 AM	49.0	42.0	11:35 AM - 11:40 AM	47.0	41.0
06:20 AM - 06:25 AM	50.2	44.8	09:00 AM - 09:05 AM	50.4	42.4	11:40 AM - 11:45 AM	48.6	41.3
06:25 AM - 06:30 AM	49.2	43.7	09:05 AM - 09:10 AM	49.4	43.4	11:45 AM - 11:50 AM	46.9	41.8
06:30 AM - 06:35 AM	50.4	44.6	09:10 AM - 09:15 AM	49.1	42.4	11:50 AM - 11:55 AM	46.3	43.1
06:35 AM - 06:40 AM	59.1	46.5	09:15 AM - 09:20 AM	49.8	43.5	11:55 AM - 12:00 PM	48.4	43.3

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316639-1

Page 1 of 3

Sample Number 2242905-18  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 08 - May 09, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 08, 2022 Time	Leq dB(A)	L90 dB(A)	May 08, 2022 Time	Leq dB(A)	L90 dB(A)	May 08, 2022 Time	Leq dB(A)	L90 dB(A)
12:00 PM - 12:05 PM	46.8	44.0	02:40 PM - 02:45 PM	48.3	45.0	05:20 PM - 05:25 PM	51.8	43.8
12:05 PM - 12:10 PM	53.6	43.3	02:45 PM - 02:50 PM	46.9	44.7	05:25 PM - 05:30 PM	51.0	43.3
12:10 PM - 12:15 PM	48.4	42.3	02:50 PM - 02:55 PM	48.5	44.3	05:30 PM - 05:35 PM	48.4	43.0
12:15 PM - 12:20 PM	46.9	42.2	02:55 PM - 03:00 PM	46.1	43.2	05:35 PM - 05:40 PM	48.8	41.8
12:20 PM - 12:25 PM	53.4	47.3	03:00 PM - 03:05 PM	45.5	43.1	05:40 PM - 05:45 PM	47.9	41.7
12:25 PM - 12:30 PM	47.0	43.0	03:05 PM - 03:10 PM	50.9	43.6	05:45 PM - 05:50 PM	47.2	41.5
12:30 PM - 12:35 PM	46.3	42.9	03:10 PM - 03:15 PM	48.5	45.2	05:50 PM - 05:55 PM	46.4	41.2
12:35 PM - 12:40 PM	50.8	43.2	03:15 PM - 03:20 PM	47.2	45.1	05:55 PM - 06:00 PM	46.0	41.0
12:40 PM - 12:45 PM	54.0	44.3	03:20 PM - 03:25 PM	49.3	46.0	06:00 PM - 06:05 PM	47.4	41.5
12:45 PM - 12:50 PM	45.9	43.4	03:25 PM - 03:30 PM	49.3	45.6	06:05 PM - 06:10 PM	47.4	43.2
12:50 PM - 12:55 PM	46.2	43.3	03:30 PM - 03:35 PM	48.4	45.4	06:10 PM - 06:15 PM	47.4	41.9
12:55 PM - 01:00 PM	48.8	43.9	03:35 PM - 03:40 PM	48.9	45.3	06:15 PM - 06:20 PM	48.3	42.7
01:00 PM - 01:05 PM	48.2	44.5	03:40 PM - 03:45 PM	48.7	45.1	06:20 PM - 06:25 PM	48.9	43.7
01:05 PM - 01:10 PM	49.9	45.2	03:45 PM - 03:50 PM	48.0	45.5	06:25 PM - 06:30 PM	48.2	44.0
01:10 PM - 01:15 PM	51.4	49.0	03:50 PM - 03:55 PM	49.2	45.8	06:30 PM - 06:35 PM	48.5	44.4
01:15 PM - 01:20 PM	51.4	48.6	03:55 PM - 04:00 PM	49.1	44.7	06:35 PM - 06:40 PM	47.8	44.6
01:20 PM - 01:25 PM	51.5	49.5	04:00 PM - 04:05 PM	59.5	44.6	06:40 PM - 06:45 PM	47.1	44.5
01:25 PM - 01:30 PM	56.7	52.3	04:05 PM - 04:10 PM	52.1	43.9	06:45 PM - 06:50 PM	46.0	43.4
01:30 PM - 01:35 PM	56.3	54.2	04:10 PM - 04:15 PM	51.3	44.8	06:50 PM - 06:55 PM	56.4	43.4
01:35 PM - 01:40 PM	53.1	51.6	04:15 PM - 04:20 PM	49.7	45.2	06:55 PM - 07:00 PM	45.4	43.4
01:40 PM - 01:45 PM	51.2	50.2	04:20 PM - 04:25 PM	49.6	44.5	07:00 PM - 07:05 PM	46.1	44.1
01:45 PM - 01:50 PM	50.2	49.2	04:25 PM - 04:30 PM	51.6	46.9	07:05 PM - 07:10 PM	46.2	44.0
01:50 PM - 01:55 PM	50.0	48.4	04:30 PM - 04:35 PM	50.6	44.4	07:10 PM - 07:15 PM	45.4	43.7
01:55 PM - 02:00 PM	50.9	49.3	04:35 PM - 04:40 PM	47.9	44.0	07:15 PM - 07:20 PM	45.7	44.1
02:00 PM - 02:05 PM	52.9	47.2	04:40 PM - 04:45 PM	49.9	44.1	07:20 PM - 07:25 PM	47.3	44.6
02:05 PM - 02:10 PM	50.5	46.5	04:45 PM - 04:50 PM	49.7	44.5	07:25 PM - 07:30 PM	46.4	44.0
02:10 PM - 02:15 PM	50.6	46.1	04:50 PM - 04:55 PM	47.8	44.3	07:30 PM - 07:35 PM	46.4	44.0
02:15 PM - 02:20 PM	50.1	46.3	04:55 PM - 05:00 PM	50.7	44.6	07:35 PM - 07:40 PM	45.6	43.9
02:20 PM - 02:25 PM	47.7	44.8	05:00 PM - 05:05 PM	50.7	44.0	07:40 PM - 07:45 PM	48.4	44.6
02:25 PM - 02:30 PM	47.1	44.7	05:05 PM - 05:10 PM	50.2	42.7	07:45 PM - 07:50 PM	50.8	44.9
02:30 PM - 02:35 PM	49.8	45.6	05:10 PM - 05:15 PM	51.6	43.9	07:50 PM - 07:55 PM	48.0	45.4
02:35 PM - 02:40 PM	53.2	46.5	05:15 PM - 05:20 PM	50.1	42.0	07:55 PM - 08:00 PM	51.5	45.1

Approved by

Sarayuth Jittrantont  
Assistant General Manager

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## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316639-1

Page 2 of 3

Sample Number 2242905-18  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 08 - May 09, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 08, 2022	Leq	L90	May 08 - May 09, 2022	Leq	L90	May 09, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
08:00 PM - 08:05 PM	45.8	44.4	10:40 PM - 10:45 PM	50.0	42.9	01:20 AM - 01:25 AM	41.4	40.5
08:05 PM - 08:10 PM	49.5	44.5	10:45 PM - 10:50 PM	43.2	42.5	01:25 AM - 01:30 AM	42.3	40.9
08:10 PM - 08:15 PM	46.9	44.3	10:50 PM - 10:55 PM	44.1	43.0	01:30 AM - 01:35 AM	42.6	40.7
08:15 PM - 08:20 PM	44.9	44.0	10:55 PM - 11:00 PM	46.1	43.0	01:35 AM - 01:40 AM	41.2	40.5
08:20 PM - 08:25 PM	45.9	44.3	11:00 PM - 11:05 PM	43.4	42.7	01:40 AM - 01:45 AM	41.6	40.9
08:25 PM - 08:30 PM	46.0	44.5	11:05 PM - 11:10 PM	42.6	41.7	01:45 AM - 01:50 AM	41.2	40.6
08:30 PM - 08:35 PM	45.9	44.5	11:10 PM - 11:15 PM	43.1	42.4	01:50 AM - 01:55 AM	41.0	40.5
08:35 PM - 08:40 PM	47.0	44.4	11:15 PM - 11:20 PM	43.4	41.9	01:55 AM - 02:00 AM	40.7	40.1
08:40 PM - 08:45 PM	46.1	43.7	11:20 PM - 11:25 PM	42.8	41.8	02:00 AM - 02:05 AM	41.4	40.6
08:45 PM - 08:50 PM	46.7	43.4	11:25 PM - 11:30 PM	43.3	42.1	02:05 AM - 02:10 AM	41.4	40.7
08:50 PM - 08:55 PM	44.7	43.6	11:30 PM - 11:35 PM	42.4	41.6	02:10 AM - 02:15 AM	41.9	41.1
08:55 PM - 09:00 PM	45.9	43.5	11:35 PM - 11:40 PM	43.1	42.2	02:15 AM - 02:20 AM	43.0	41.8
09:00 PM - 09:05 PM	45.7	43.3	11:40 PM - 11:45 PM	42.6	41.8	02:20 AM - 02:25 AM	42.3	41.6
09:05 PM - 09:10 PM	45.0	43.1	11:45 PM - 11:50 PM	42.7	41.9	02:25 AM - 02:30 AM	44.4	41.9
09:10 PM - 09:15 PM	45.0	43.4	11:50 PM - 11:55 PM	42.3	41.5	02:30 AM - 02:35 AM	41.7	40.9
09:15 PM - 09:20 PM	44.3	43.2	11:55 PM - 12:00 AM	43.2	41.4	02:35 AM - 02:40 AM	41.4	40.6
09:20 PM - 09:25 PM	43.3	42.5	12:00 AM - 12:05 AM	42.0	41.0	02:40 AM - 02:45 AM	44.9	40.7
09:25 PM - 09:30 PM	43.8	43.0	12:05 AM - 12:10 AM	42.7	41.1	02:45 AM - 02:50 AM	42.6	41.5
09:30 PM - 09:35 PM	44.3	43.1	12:10 AM - 12:15 AM	44.7	41.1	02:50 AM - 02:55 AM	42.2	41.5
09:35 PM - 09:40 PM	44.5	42.8	12:15 AM - 12:20 AM	42.8	40.9	02:55 AM - 03:00 AM	42.8	41.7
09:40 PM - 09:45 PM	44.1	42.6	12:20 AM - 12:25 AM	41.8	40.0	03:00 AM - 03:05 AM	42.9	42.2
09:45 PM - 09:50 PM	43.8	42.7	12:25 AM - 12:30 AM	41.1	40.2	03:05 AM - 03:10 AM	43.1	42.3
09:50 PM - 09:55 PM	44.0	43.0	12:30 AM - 12:35 AM	40.7	40.1	03:10 AM - 03:15 AM	42.6	41.8
09:55 PM - 10:00 PM	43.0	42.5	12:35 AM - 12:40 AM	40.5	39.8	03:15 AM - 03:20 AM	42.5	41.7
10:00 PM - 10:05 PM	42.9	42.4	12:40 AM - 12:45 AM	40.8	39.5	03:20 AM - 03:25 AM	42.4	41.6
10:05 PM - 10:10 PM	43.7	42.9	12:45 AM - 12:50 AM	41.5	40.0	03:25 AM - 03:30 AM	44.8	41.8
10:10 PM - 10:15 PM	43.8	43.1	12:50 AM - 12:55 AM	41.8	40.1	03:30 AM - 03:35 AM	42.9	42.1
10:15 PM - 10:20 PM	46.3	42.8	12:55 AM - 01:00 AM	40.7	39.9	03:35 AM - 03:40 AM	42.5	41.9
10:20 PM - 10:25 PM	43.2	42.6	01:00 AM - 01:05 AM	40.5	39.6	03:40 AM - 03:45 AM	43.5	41.9
10:25 PM - 10:30 PM	43.2	42.2	01:05 AM - 01:10 AM	40.6	39.8	03:45 AM - 03:50 AM	46.2	42.5
10:30 PM - 10:35 PM	44.0	42.7	01:10 AM - 01:15 AM	40.0	39.3	03:50 AM - 03:55 AM	42.9	42.3
10:35 PM - 10:40 PM	43.7	42.7	01:15 AM - 01:20 AM	40.6	39.9	03:55 AM - 04:00 AM	46.5	42.5

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316639-1

Page 3 of 3

Sample Number 2242905-18  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 08 - May 09, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 09, 2022 Time	Leq dB(A)	L90 dB(A)	May 09, 2022 Time	Leq dB(A)	L90 dB(A)	May 09, 2022 Time	Leq dB(A)	L90 dB(A)
04:00 AM - 04:05 AM	43.5	42.8	06:40 AM - 06:45 AM	49.1	43.9	09:20 AM - 09:25 AM	47.0	41.6
04:05 AM - 04:10 AM	48.8	43.0	06:45 AM - 06:50 AM	51.3	45.5	09:25 AM - 09:30 AM	48.1	40.3
04:10 AM - 04:15 AM	47.6	43.2	06:50 AM - 06:55 AM	50.0	45.5	09:30 AM - 09:35 AM	56.6	41.2
04:15 AM - 04:20 AM	43.7	42.8	06:55 AM - 07:00 AM	47.9	43.1	09:35 AM - 09:40 AM	53.9	39.2
04:20 AM - 04:25 AM	48.9	43.1	07:00 AM - 07:05 AM	56.3	44.4	09:40 AM - 09:45 AM	46.1	38.9
04:25 AM - 04:30 AM	48.3	42.8	07:05 AM - 07:10 AM	58.0	43.2	09:45 AM - 09:50 AM	50.3	38.9
04:30 AM - 04:35 AM	47.9	42.6	07:10 AM - 07:15 AM	50.1	43.0	09:50 AM - 09:55 AM	44.3	40.0
04:35 AM - 04:40 AM	48.1	42.9	07:15 AM - 07:20 AM	46.2	42.3	09:55 AM - 10:00 AM	48.7	40.6
04:40 AM - 04:45 AM	51.1	43.6	07:20 AM - 07:25 AM	61.7	43.6	10:00 AM - 10:05 AM	61.6	42.8
04:45 AM - 04:50 AM	49.2	42.9	07:25 AM - 07:30 AM	55.7	40.9	10:05 AM - 10:10 AM	56.6	44.1
04:50 AM - 04:55 AM	47.5	43.9	07:30 AM - 07:35 AM	52.8	41.3	10:10 AM - 10:15 AM	47.6	43.9
04:55 AM - 05:00 AM	52.1	44.8	07:35 AM - 07:40 AM	48.0	41.1	10:15 AM - 10:20 AM	52.5	43.4
05:00 AM - 05:05 AM	51.1	45.1	07:40 AM - 07:45 AM	54.3	41.8	10:20 AM - 10:25 AM	47.3	42.5
05:05 AM - 05:10 AM	47.9	44.0	07:45 AM - 07:50 AM	48.4	42.3	10:25 AM - 10:30 AM	46.9	41.3
05:10 AM - 05:15 AM	47.7	44.7	07:50 AM - 07:55 AM	60.4	42.7	10:30 AM - 10:35 AM	49.3	41.3
05:15 AM - 05:20 AM	52.9	44.6	07:55 AM - 08:00 AM	46.1	41.9	10:35 AM - 10:40 AM	45.5	42.2
05:20 AM - 05:25 AM	46.8	44.0	08:00 AM - 08:05 AM	49.7	43.1	10:40 AM - 10:45 AM	49.0	42.7
05:25 AM - 05:30 AM	47.0	43.4	08:05 AM - 08:10 AM	45.7	41.5	10:45 AM - 10:50 AM	49.0	43.6
05:30 AM - 05:35 AM	49.0	43.5	08:10 AM - 08:15 AM	49.3	41.5	10:50 AM - 10:55 AM	49.3	43.5
05:35 AM - 05:40 AM	49.7	44.6	08:15 AM - 08:20 AM	48.6	42.2	10:55 AM - 11:00 AM	50.4	44.0
05:40 AM - 05:45 AM	49.4	44.1	08:20 AM - 08:25 AM	48.2	43.2	11:00 AM - 11:05 AM	50.4	43.5
05:45 AM - 05:50 AM	53.8	44.3	08:25 AM - 08:30 AM	54.6	42.3	11:05 AM - 11:10 AM	50.9	46.1
05:50 AM - 05:55 AM	51.2	42.7	08:30 AM - 08:35 AM	58.6	43.7	11:10 AM - 11:15 AM	47.6	43.3
05:55 AM - 06:00 AM	49.5	43.0	08:35 AM - 08:40 AM	61.7	43.3	11:15 AM - 11:20 AM	58.6	43.8
06:00 AM - 06:05 AM	50.2	44.1	08:40 AM - 08:45 AM	55.6	42.2	11:20 AM - 11:25 AM	48.7	43.2
06:05 AM - 06:10 AM	49.5	42.6	08:45 AM - 08:50 AM	60.1	42.0	11:25 AM - 11:30 AM	45.4	42.0
06:10 AM - 06:15 AM	50.3	43.2	08:50 AM - 08:55 AM	55.2	41.9	11:30 AM - 11:35 AM	46.9	43.9
06:15 AM - 06:20 AM	53.1	45.9	08:55 AM - 09:00 AM	51.1	42.2	11:35 AM - 11:40 AM	48.8	43.7
06:20 AM - 06:25 AM	53.7	49.1	09:00 AM - 09:05 AM	52.9	41.0	11:40 AM - 11:45 AM	47.5	42.9
06:25 AM - 06:30 AM	53.9	49.2	09:05 AM - 09:10 AM	54.0	41.8	11:45 AM - 11:50 AM	51.7	42.4
06:30 AM - 06:35 AM	51.1	47.6	09:10 AM - 09:15 AM	54.2	41.4	11:50 AM - 11:55 AM	46.3	42.4
06:35 AM - 06:40 AM	52.5	45.3	09:15 AM - 09:20 AM	46.6	41.8	11:55 AM - 12:00 PM	47.4	42.8

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316640-1

Page 1 of 3

Sample Number 2242905-19  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 09 - May 10, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 09, 2022 Time	Leq dB(A)	L90 dB(A)	May 09, 2022 Time	Leq dB(A)	L90 dB(A)	May 09, 2022 Time	Leq dB(A)	L90 dB(A)
12:00 PM - 12:05 PM	45.6	42.3	02:40 PM - 02:45 PM	49.0	43.2	05:20 PM - 05:25 PM	51.1	45.1
12:05 PM - 12:10 PM	46.4	41.9	02:45 PM - 02:50 PM	48.1	44.9	05:25 PM - 05:30 PM	48.4	44.7
12:10 PM - 12:15 PM	54.7	42.5	02:50 PM - 02:55 PM	49.3	43.7	05:30 PM - 05:35 PM	48.3	43.9
12:15 PM - 12:20 PM	45.3	41.5	02:55 PM - 03:00 PM	65.5	44.3	05:35 PM - 05:40 PM	50.0	44.6
12:20 PM - 12:25 PM	47.2	43.3	03:00 PM - 03:05 PM	47.3	43.3	05:40 PM - 05:45 PM	56.4	46.0
12:25 PM - 12:30 PM	46.4	42.6	03:05 PM - 03:10 PM	46.2	43.4	05:45 PM - 05:50 PM	61.4	49.7
12:30 PM - 12:35 PM	45.6	42.9	03:10 PM - 03:15 PM	50.5	44.3	05:50 PM - 05:55 PM	65.1	57.0
12:35 PM - 12:40 PM	46.3	43.0	03:15 PM - 03:20 PM	50.3	45.8	05:55 PM - 06:00 PM	54.3	49.9
12:40 PM - 12:45 PM	44.7	42.4	03:20 PM - 03:25 PM	50.7	46.8	06:00 PM - 06:05 PM	51.6	49.7
12:45 PM - 12:50 PM	46.4	43.5	03:25 PM - 03:30 PM	49.1	45.7	06:05 PM - 06:10 PM	53.9	47.5
12:50 PM - 12:55 PM	46.5	43.4	03:30 PM - 03:35 PM	51.1	46.1	06:10 PM - 06:15 PM	53.1	44.9
12:55 PM - 01:00 PM	49.2	43.6	03:35 PM - 03:40 PM	52.4	48.5	06:15 PM - 06:20 PM	49.9	44.8
01:00 PM - 01:05 PM	49.0	44.8	03:40 PM - 03:45 PM	48.9	42.7	06:20 PM - 06:25 PM	50.5	44.8
01:05 PM - 01:10 PM	50.4	45.3	03:45 PM - 03:50 PM	47.4	41.1	06:25 PM - 06:30 PM	48.2	44.1
01:10 PM - 01:15 PM	46.6	43.7	03:50 PM - 03:55 PM	44.3	41.5	06:30 PM - 06:35 PM	49.6	43.9
01:15 PM - 01:20 PM	49.8	43.7	03:55 PM - 04:00 PM	45.2	41.5	06:35 PM - 06:40 PM	51.0	44.7
01:20 PM - 01:25 PM	47.0	43.2	04:00 PM - 04:05 PM	46.5	43.1	06:40 PM - 06:45 PM	50.3	44.9
01:25 PM - 01:30 PM	49.4	43.5	04:05 PM - 04:10 PM	47.9	43.9	06:45 PM - 06:50 PM	48.9	44.3
01:30 PM - 01:35 PM	45.9	43.2	04:10 PM - 04:15 PM	47.0	43.2	06:50 PM - 06:55 PM	47.0	42.6
01:35 PM - 01:40 PM	45.1	42.3	04:15 PM - 04:20 PM	49.4	42.1	06:55 PM - 07:00 PM	47.8	43.4
01:40 PM - 01:45 PM	44.6	42.0	04:20 PM - 04:25 PM	47.9	42.5	07:00 PM - 07:05 PM	46.9	43.7
01:45 PM - 01:50 PM	45.9	43.1	04:25 PM - 04:30 PM	46.0	42.4	07:05 PM - 07:10 PM	49.1	45.1
01:50 PM - 01:55 PM	47.0	42.9	04:30 PM - 04:35 PM	47.7	42.6	07:10 PM - 07:15 PM	51.0	46.0
01:55 PM - 02:00 PM	47.1	42.0	04:35 PM - 04:40 PM	57.2	42.8	07:15 PM - 07:20 PM	49.8	46.1
02:00 PM - 02:05 PM	46.8	42.3	04:40 PM - 04:45 PM	47.5	42.6	07:20 PM - 07:25 PM	50.5	46.7
02:05 PM - 02:10 PM	45.0	42.2	04:45 PM - 04:50 PM	49.2	43.1	07:25 PM - 07:30 PM	52.8	45.4
02:10 PM - 02:15 PM	46.5	42.5	04:50 PM - 04:55 PM	47.7	42.6	07:30 PM - 07:35 PM	62.0	44.3
02:15 PM - 02:20 PM	48.6	42.6	04:55 PM - 05:00 PM	51.8	43.4	07:35 PM - 07:40 PM	46.3	44.2
02:20 PM - 02:25 PM	46.4	43.3	05:00 PM - 05:05 PM	53.2	46.3	07:40 PM - 07:45 PM	51.5	45.6
02:25 PM - 02:30 PM	47.0	44.1	05:05 PM - 05:10 PM	53.7	45.3	07:45 PM - 07:50 PM	46.2	44.2
02:30 PM - 02:35 PM	47.2	43.0	05:10 PM - 05:15 PM	53.8	45.3	07:50 PM - 07:55 PM	54.8	44.5
02:35 PM - 02:40 PM	47.6	43.6	05:15 PM - 05:20 PM	53.1	46.4	07:55 PM - 08:00 PM	48.8	44.2

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Approved by

Sarayuth Jitranont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2242905

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316640-1

Page 2 of 3

Sample Number 2242905-19  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 09 - May 10, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 09, 2022 Time	Leq dB(A)	L90 dB(A)	May 09 - May 10, 2022 Time	Leq dB(A)	L90 dB(A)	May 10, 2022 Time	Leq dB(A)	L90 dB(A)
08:00 PM - 08:05 PM	56.9	43.2	10:40 PM - 10:45 PM	50.4	41.8	01:20 AM - 01:25 AM	50.1	48.2
08:05 PM - 08:10 PM	47.5	42.6	10:45 PM - 10:50 PM	53.8	46.0	01:25 AM - 01:30 AM	50.0	48.8
08:10 PM - 08:15 PM	46.7	43.2	10:50 PM - 10:55 PM	53.0	44.0	01:30 AM - 01:35 AM	50.6	49.5
08:15 PM - 08:20 PM	47.6	43.1	10:55 PM - 11:00 PM	51.2	40.8	01:35 AM - 01:40 AM	51.7	49.6
08:20 PM - 08:25 PM	53.7	42.0	11:00 PM - 11:05 PM	49.2	41.9	01:40 AM - 01:45 AM	50.8	48.7
08:25 PM - 08:30 PM	50.1	42.5	11:05 PM - 11:10 PM	52.3	45.6	01:45 AM - 01:50 AM	49.9	48.3
08:30 PM - 08:35 PM	45.6	42.5	11:10 PM - 11:15 PM	52.1	48.3	01:50 AM - 01:55 AM	49.7	48.2
08:35 PM - 08:40 PM	47.5	42.8	11:15 PM - 11:20 PM	51.9	48.8	01:55 AM - 02:00 AM	50.1	48.5
08:40 PM - 08:45 PM	63.5	42.3	11:20 PM - 11:25 PM	52.2	47.3	02:00 AM - 02:05 AM	50.7	49.0
08:45 PM - 08:50 PM	45.5	39.2	11:25 PM - 11:30 PM	50.0	46.3	02:05 AM - 02:10 AM	50.7	49.3
08:50 PM - 08:55 PM	46.3	39.1	11:30 PM - 11:35 PM	51.3	46.5	02:10 AM - 02:15 AM	52.4	49.1
08:55 PM - 09:00 PM	45.9	39.2	11:35 PM - 11:40 PM	52.5	46.4	02:15 AM - 02:20 AM	51.9	48.8
09:00 PM - 09:05 PM	47.3	39.6	11:40 PM - 11:45 PM	50.0	44.5	02:20 AM - 02:25 AM	49.6	47.4
09:05 PM - 09:10 PM	47.6	39.1	11:45 PM - 11:50 PM	58.8	44.6	02:25 AM - 02:30 AM	49.6	47.8
09:10 PM - 09:15 PM	51.9	38.6	11:50 PM - 11:55 PM	50.2	44.9	02:30 AM - 02:35 AM	49.8	48.3
09:15 PM - 09:20 PM	51.9	40.4	11:55 PM - 12:00 AM	50.2	43.6	02:35 AM - 02:40 AM	50.3	47.8
09:20 PM - 09:25 PM	49.0	39.6	12:00 AM - 12:05 AM	52.0	44.0	02:40 AM - 02:45 AM	49.8	47.8
09:25 PM - 09:30 PM	50.2	37.7	12:05 AM - 12:10 AM	46.7	43.9	02:45 AM - 02:50 AM	49.9	48.2
09:30 PM - 09:35 PM	51.3	41.7	12:10 AM - 12:15 AM	47.1	44.1	02:50 AM - 02:55 AM	49.6	47.5
09:35 PM - 09:40 PM	49.2	42.0	12:15 AM - 12:20 AM	46.9	44.5	02:55 AM - 03:00 AM	49.5	47.9
09:40 PM - 09:45 PM	54.3	42.2	12:20 AM - 12:25 AM	47.7	45.7	03:00 AM - 03:05 AM	50.3	48.1
09:45 PM - 09:50 PM	49.7	42.2	12:25 AM - 12:30 AM	49.8	46.9	03:05 AM - 03:10 AM	49.4	47.7
09:50 PM - 09:55 PM	45.9	42.0	12:30 AM - 12:35 AM	48.1	46.1	03:10 AM - 03:15 AM	49.1	47.4
09:55 PM - 10:00 PM	48.5	41.2	12:35 AM - 12:40 AM	50.2	46.2	03:15 AM - 03:20 AM	49.6	47.2
10:00 PM - 10:05 PM	48.4	38.0	12:40 AM - 12:45 AM	51.7	46.9	03:20 AM - 03:25 AM	49.5	47.7
10:05 PM - 10:10 PM	43.8	38.7	12:45 AM - 12:50 AM	49.6	47.6	03:25 AM - 03:30 AM	49.1	47.5
10:10 PM - 10:15 PM	49.6	39.4	12:50 AM - 12:55 AM	49.1	46.1	03:30 AM - 03:35 AM	49.1	47.6
10:15 PM - 10:20 PM	51.2	48.3	12:55 AM - 01:00 AM	49.5	46.9	03:35 AM - 03:40 AM	49.6	47.1
10:20 PM - 10:25 PM	50.6	47.4	01:00 AM - 01:05 AM	50.4	46.8	03:40 AM - 03:45 AM	49.0	46.8
10:25 PM - 10:30 PM	49.1	40.9	01:05 AM - 01:10 AM	51.1	49.2	03:45 AM - 03:50 AM	48.8	47.1
10:30 PM - 10:35 PM	49.1	41.9	01:10 AM - 01:15 AM	49.7	48.1	03:50 AM - 03:55 AM	49.1	47.0
10:35 PM - 10:40 PM	48.6	41.2	01:15 AM - 01:20 AM	49.5	48.2	03:55 AM - 04:00 AM	48.3	46.0

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2242905

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316640-1

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Sample Number 2242905-19  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 09 - May 10, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 10, 2022 Time	Leq dB(A)	L90 dB(A)	May 10, 2022 Time	Leq dB(A)	L90 dB(A)	May 10, 2022 Time	Leq dB(A)	L90 dB(A)
04:00 AM - 04:05 AM	48.2	45.8	06:40 AM - 06:45 AM	43.8	42.8	09:20 AM - 09:25 AM	44.5	44.1
04:05 AM - 04:10 AM	48.3	45.5	06:45 AM - 06:50 AM	44.0	43.2	09:25 AM - 09:30 AM	45.0	44.3
04:10 AM - 04:15 AM	48.6	45.4	06:50 AM - 06:55 AM	44.0	43.1	09:30 AM - 09:35 AM	44.7	44.2
04:15 AM - 04:20 AM	48.6	46.0	06:55 AM - 07:00 AM	44.0	43.4	09:35 AM - 09:40 AM	44.8	43.7
04:20 AM - 04:25 AM	50.1	47.0	07:00 AM - 07:05 AM	43.7	42.9	09:40 AM - 09:45 AM	44.8	43.7
04:25 AM - 04:30 AM	45.8	44.6	07:05 AM - 07:10 AM	43.7	42.9	09:45 AM - 09:50 AM	44.8	43.6
04:30 AM - 04:35 AM	45.6	44.7	07:10 AM - 07:15 AM	42.7	42.0	09:50 AM - 09:55 AM	44.7	43.8
04:35 AM - 04:40 AM	44.8	44.2	07:15 AM - 07:20 AM	42.8	42.2	09:55 AM - 10:00 AM	46.0	43.8
04:40 AM - 04:45 AM	45.8	44.6	07:20 AM - 07:25 AM	43.2	42.1	10:00 AM - 10:05 AM	51.8	44.2
04:45 AM - 04:50 AM	46.0	44.3	07:25 AM - 07:30 AM	45.5	42.6	10:05 AM - 10:10 AM	50.4	44.5
04:50 AM - 04:55 AM	45.3	44.3	07:30 AM - 07:35 AM	43.6	43.0	10:10 AM - 10:15 AM	51.9	44.9
04:55 AM - 05:00 AM	45.5	44.4	07:35 AM - 07:40 AM	43.2	42.6	10:15 AM - 10:20 AM	46.7	44.8
05:00 AM - 05:05 AM	48.9	46.2	07:40 AM - 07:45 AM	43.6	42.6	10:20 AM - 10:25 AM	46.6	44.7
05:05 AM - 05:10 AM	48.8	46.5	07:45 AM - 07:50 AM	43.4	42.8	10:25 AM - 10:30 AM	46.6	44.9
05:10 AM - 05:15 AM	48.5	46.1	07:50 AM - 07:55 AM	43.9	42.6	10:30 AM - 10:35 AM	47.3	44.8
05:15 AM - 05:20 AM	47.7	44.6	07:55 AM - 08:00 AM	43.0	42.4	10:35 AM - 10:40 AM	47.6	44.6
05:20 AM - 05:25 AM	47.9	44.8	08:00 AM - 08:05 AM	43.4	42.6	10:40 AM - 10:45 AM	47.8	45.1
05:25 AM - 05:30 AM	47.8	44.3	08:05 AM - 08:10 AM	43.5	42.6	10:45 AM - 10:50 AM	49.6	45.3
05:30 AM - 05:35 AM	47.9	44.5	08:10 AM - 08:15 AM	46.2	43.1	10:50 AM - 10:55 AM	45.5	44.6
05:35 AM - 05:40 AM	47.7	44.5	08:15 AM - 08:20 AM	45.4	43.2	10:55 AM - 11:00 AM	48.2	45.3
05:40 AM - 05:45 AM	47.7	44.3	08:20 AM - 08:25 AM	44.4	43.0	11:00 AM - 11:05 AM	49.5	46.5
05:45 AM - 05:50 AM	47.8	44.3	08:25 AM - 08:30 AM	43.4	42.9	11:05 AM - 11:10 AM	51.4	47.5
05:50 AM - 05:55 AM	47.8	44.4	08:30 AM - 08:35 AM	44.0	43.2	11:10 AM - 11:15 AM	54.6	47.4
05:55 AM - 06:00 AM	47.4	44.4	08:35 AM - 08:40 AM	43.5	43.1	11:15 AM - 11:20 AM	50.6	47.2
06:00 AM - 06:05 AM	46.5	44.1	08:40 AM - 08:45 AM	43.6	43.1	11:20 AM - 11:25 AM	56.6	47.0
06:05 AM - 06:10 AM	45.4	43.3	08:45 AM - 08:50 AM	44.0	43.6	11:25 AM - 11:30 AM	51.3	46.8
06:10 AM - 06:15 AM	48.6	43.6	08:50 AM - 08:55 AM	44.7	44.0	11:30 AM - 11:35 AM	48.7	46.4
06:15 AM - 06:20 AM	44.6	43.1	08:55 AM - 09:00 AM	45.4	44.6	11:35 AM - 11:40 AM	48.9	47.1
06:20 AM - 06:25 AM	44.2	43.5	09:00 AM - 09:05 AM	44.8	44.4	11:40 AM - 11:45 AM	48.7	46.2
06:25 AM - 06:30 AM	44.3	43.2	09:05 AM - 09:10 AM	45.0	44.6	11:45 AM - 11:50 AM	52.5	45.6
06:30 AM - 06:35 AM	44.5	43.6	09:10 AM - 09:15 AM	45.9	44.5	11:50 AM - 11:55 AM	50.6	46.0
06:35 AM - 06:40 AM	44.1	43.5	09:15 AM - 09:20 AM	44.5	44.1	11:55 AM - 12:00 PM	51.5	46.8

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316641-1

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Sample Number 2242905-20  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 10 - May 11, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 10, 2022	Leq	L90	May 10, 2022	Leq	L90	May 10, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
12:00 PM - 12:05 PM	49.3	45.5	02:40 PM - 02:45 PM	46.6	42.0	05:20 PM - 05:25 PM	49.0	42.3
12:05 PM - 12:10 PM	52.7	45.2	02:45 PM - 02:50 PM	49.5	43.0	05:25 PM - 05:30 PM	46.3	41.2
12:10 PM - 12:15 PM	51.8	46.0	02:50 PM - 02:55 PM	47.0	42.2	05:30 PM - 05:35 PM	48.1	41.3
12:15 PM - 12:20 PM	55.5	45.5	02:55 PM - 03:00 PM	45.4	42.0	05:35 PM - 05:40 PM	43.7	40.7
12:20 PM - 12:25 PM	51.9	46.6	03:00 PM - 03:05 PM	45.1	41.7	05:40 PM - 05:45 PM	49.8	41.2
12:25 PM - 12:30 PM	52.3	46.4	03:05 PM - 03:10 PM	43.9	41.6	05:45 PM - 05:50 PM	46.4	41.7
12:30 PM - 12:35 PM	55.7	45.7	03:10 PM - 03:15 PM	42.6	40.9	05:50 PM - 05:55 PM	50.7	41.7
12:35 PM - 12:40 PM	51.3	45.8	03:15 PM - 03:20 PM	46.1	42.2	05:55 PM - 06:00 PM	46.1	41.7
12:40 PM - 12:45 PM	51.7	45.8	03:20 PM - 03:25 PM	46.8	41.3	06:00 PM - 06:05 PM	46.1	41.1
12:45 PM - 12:50 PM	50.6	45.8	03:25 PM - 03:30 PM	53.1	42.2	06:05 PM - 06:10 PM	45.3	41.6
12:50 PM - 12:55 PM	52.4	45.9	03:30 PM - 03:35 PM	60.8	42.3	06:10 PM - 06:15 PM	45.3	41.3
12:55 PM - 01:00 PM	52.2	44.8	03:35 PM - 03:40 PM	45.2	37.6	06:15 PM - 06:20 PM	44.8	42.0
01:00 PM - 01:05 PM	60.3	44.7	03:40 PM - 03:45 PM	44.2	38.6	06:20 PM - 06:25 PM	45.4	42.2
01:05 PM - 01:10 PM	51.0	44.6	03:45 PM - 03:50 PM	45.0	39.1	06:25 PM - 06:30 PM	46.6	42.1
01:10 PM - 01:15 PM	56.2	44.5	03:50 PM - 03:55 PM	50.0	40.1	06:30 PM - 06:35 PM	45.6	42.4
01:15 PM - 01:20 PM	49.3	43.2	03:55 PM - 04:00 PM	44.9	40.7	06:35 PM - 06:40 PM	44.8	41.8
01:20 PM - 01:25 PM	48.7	43.6	04:00 PM - 04:05 PM	47.2	42.1	06:40 PM - 06:45 PM	50.5	42.3
01:25 PM - 01:30 PM	51.6	44.5	04:05 PM - 04:10 PM	46.1	42.7	06:45 PM - 06:50 PM	46.2	43.0
01:30 PM - 01:35 PM	54.7	44.1	04:10 PM - 04:15 PM	45.3	41.5	06:50 PM - 06:55 PM	44.6	42.5
01:35 PM - 01:40 PM	56.3	45.6	04:15 PM - 04:20 PM	46.5	41.5	06:55 PM - 07:00 PM	44.2	42.6
01:40 PM - 01:45 PM	58.0	43.5	04:20 PM - 04:25 PM	48.6	42.1	07:00 PM - 07:05 PM	44.8	41.6
01:45 PM - 01:50 PM	54.4	45.0	04:25 PM - 04:30 PM	46.3	42.1	07:05 PM - 07:10 PM	43.0	40.2
01:50 PM - 01:55 PM	52.5	44.4	04:30 PM - 04:35 PM	47.1	41.9	07:10 PM - 07:15 PM	50.4	42.0
01:55 PM - 02:00 PM	51.0	43.3	04:35 PM - 04:40 PM	47.4	42.4	07:15 PM - 07:20 PM	47.6	42.2
02:00 PM - 02:05 PM	52.4	44.1	04:40 PM - 04:45 PM	44.6	41.6	07:20 PM - 07:25 PM	46.6	41.8
02:05 PM - 02:10 PM	52.2	44.6	04:45 PM - 04:50 PM	44.5	40.7	07:25 PM - 07:30 PM	47.9	42.2
02:10 PM - 02:15 PM	48.4	42.7	04:50 PM - 04:55 PM	44.2	40.6	07:30 PM - 07:35 PM	44.6	42.5
02:15 PM - 02:20 PM	49.5	42.0	04:55 PM - 05:00 PM	47.3	40.3	07:35 PM - 07:40 PM	44.6	42.4
02:20 PM - 02:25 PM	49.9	42.2	05:00 PM - 05:05 PM	44.2	40.7	07:40 PM - 07:45 PM	45.7	42.1
02:25 PM - 02:30 PM	47.0	41.9	05:05 PM - 05:10 PM	44.0	40.2	07:45 PM - 07:50 PM	45.3	42.0
02:30 PM - 02:35 PM	45.1	40.9	05:10 PM - 05:15 PM	46.1	41.6	07:50 PM - 07:55 PM	45.9	41.9
02:35 PM - 02:40 PM	45.8	42.3	05:15 PM - 05:20 PM	49.6	41.2	07:55 PM - 08:00 PM	45.5	42.3

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Approved by

Sarayuth Jitranont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316641-1

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Sample Number 2242905-20  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 10 - May 11, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 10, 2022	Leq	L90	May 10 - May 11, 2022	Leq	L90	May 11, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
08:00 PM - 08:05 PM	47.6	41.7	10:40 PM - 10:45 PM	47.6	43.6	01:20 AM - 01:25 AM	46.9	45.1
08:05 PM - 08:10 PM	42.9	41.2	10:45 PM - 10:50 PM	52.8	45.0	01:25 AM - 01:30 AM	45.9	45.0
08:10 PM - 08:15 PM	57.4	42.4	10:50 PM - 10:55 PM	51.6	44.2	01:30 AM - 01:35 AM	46.4	44.5
08:15 PM - 08:20 PM	46.3	41.4	10:55 PM - 11:00 PM	49.2	44.0	01:35 AM - 01:40 AM	47.1	44.6
08:20 PM - 08:25 PM	43.2	39.8	11:00 PM - 11:05 PM	49.2	44.9	01:40 AM - 01:45 AM	49.3	45.2
08:25 PM - 08:30 PM	45.8	39.9	11:05 PM - 11:10 PM	51.8	44.4	01:45 AM - 01:50 AM	50.3	46.1
08:30 PM - 08:35 PM	44.4	40.1	11:10 PM - 11:15 PM	52.7	44.8	01:50 AM - 01:55 AM	50.1	47.5
08:35 PM - 08:40 PM	43.0	40.2	11:15 PM - 11:20 PM	50.4	43.7	01:55 AM - 02:00 AM	49.7	47.7
08:40 PM - 08:45 PM	42.5	40.1	11:20 PM - 11:25 PM	44.9	43.6	02:00 AM - 02:05 AM	50.2	47.7
08:45 PM - 08:50 PM	43.8	40.5	11:25 PM - 11:30 PM	49.2	44.8	02:05 AM - 02:10 AM	49.5	47.7
08:50 PM - 08:55 PM	46.2	41.8	11:30 PM - 11:35 PM	52.1	45.4	02:10 AM - 02:15 AM	49.5	47.8
08:55 PM - 09:00 PM	43.8	41.5	11:35 PM - 11:40 PM	50.5	45.9	02:15 AM - 02:20 AM	49.1	46.9
09:00 PM - 09:05 PM	46.3	42.3	11:40 PM - 11:45 PM	50.7	46.3	02:20 AM - 02:25 AM	48.7	46.0
09:05 PM - 09:10 PM	47.0	40.7	11:45 PM - 11:50 PM	50.3	45.5	02:25 AM - 02:30 AM	52.4	48.0
09:10 PM - 09:15 PM	47.1	40.4	11:50 PM - 11:55 PM	52.1	45.9	02:30 AM - 02:35 AM	49.5	47.7
09:15 PM - 09:20 PM	46.7	41.0	11:55 PM - 12:00 AM	51.4	45.7	02:35 AM - 02:40 AM	50.1	46.9
09:20 PM - 09:25 PM	47.6	42.0	12:00 AM - 12:05 AM	48.9	46.8	02:40 AM - 02:45 AM	49.8	47.4
09:25 PM - 09:30 PM	48.7	41.9	12:05 AM - 12:10 AM	50.5	47.2	02:45 AM - 02:50 AM	50.5	47.7
09:30 PM - 09:35 PM	45.8	41.4	12:10 AM - 12:15 AM	49.7	46.8	02:50 AM - 02:55 AM	50.1	47.2
09:35 PM - 09:40 PM	45.4	41.8	12:15 AM - 12:20 AM	47.8	46.0	02:55 AM - 03:00 AM	49.6	47.1
09:40 PM - 09:45 PM	45.4	42.0	12:20 AM - 12:25 AM	47.7	46.1	03:00 AM - 03:05 AM	49.7	47.5
09:45 PM - 09:50 PM	45.1	41.2	12:25 AM - 12:30 AM	47.9	46.2	03:05 AM - 03:10 AM	49.0	47.3
09:50 PM - 09:55 PM	43.4	40.9	12:30 AM - 12:35 AM	48.0	46.5	03:10 AM - 03:15 AM	49.9	47.5
09:55 PM - 10:00 PM	52.9	40.9	12:35 AM - 12:40 AM	51.4	46.7	03:15 AM - 03:20 AM	49.1	46.9
10:00 PM - 10:05 PM	49.5	41.4	12:40 AM - 12:45 AM	49.7	47.0	03:20 AM - 03:25 AM	49.0	47.4
10:05 PM - 10:10 PM	47.0	40.7	12:45 AM - 12:50 AM	49.5	47.3	03:25 AM - 03:30 AM	48.8	46.1
10:10 PM - 10:15 PM	47.7	40.5	12:50 AM - 12:55 AM	49.6	46.1	03:30 AM - 03:35 AM	49.0	46.9
10:15 PM - 10:20 PM	46.8	40.6	12:55 AM - 01:00 AM	47.5	46.0	03:35 AM - 03:40 AM	49.1	47.1
10:20 PM - 10:25 PM	43.3	39.3	01:00 AM - 01:05 AM	51.8	46.5	03:40 AM - 03:45 AM	48.5	45.8
10:25 PM - 10:30 PM	48.9	42.1	01:05 AM - 01:10 AM	48.8	45.3	03:45 AM - 03:50 AM	49.6	45.3
10:30 PM - 10:35 PM	52.8	45.9	01:10 AM - 01:15 AM	47.8	44.9	03:50 AM - 03:55 AM	48.6	45.9
10:35 PM - 10:40 PM	48.7	44.9	01:15 AM - 01:20 AM	47.2	44.6	03:55 AM - 04:00 AM	48.7	46.4

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpoin, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2242905

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316641-1

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Sample Number 2242905-20  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 10 - May 11, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 11, 2022 Time	Leq dB(A)	L90 dB(A)	May 11, 2022 Time	Leq dB(A)	L90 dB(A)	May 11, 2022 Time	Leq dB(A)	L90 dB(A)
04:00 AM - 04:05 AM	48.3	45.5	06:40 AM - 06:45 AM	47.5	42.2	09:20 AM - 09:25 AM	43.9	42.7
04:05 AM - 04:10 AM	48.3	45.7	06:45 AM - 06:50 AM	47.6	42.2	09:25 AM - 09:30 AM	43.9	42.5
04:10 AM - 04:15 AM	47.9	44.4	06:50 AM - 06:55 AM	47.5	41.9	09:30 AM - 09:35 AM	45.4	42.2
04:15 AM - 04:20 AM	47.9	44.2	06:55 AM - 07:00 AM	47.4	42.0	09:35 AM - 09:40 AM	42.8	41.8
04:20 AM - 04:25 AM	48.3	44.7	07:00 AM - 07:05 AM	47.4	42.0	09:40 AM - 09:45 AM	44.3	41.4
04:25 AM - 04:30 AM	47.8	44.0	07:05 AM - 07:10 AM	47.6	42.5	09:45 AM - 09:50 AM	43.8	41.2
04:30 AM - 04:35 AM	47.9	44.6	07:10 AM - 07:15 AM	46.5	41.6	09:50 AM - 09:55 AM	43.5	41.4
04:35 AM - 04:40 AM	47.9	43.4	07:15 AM - 07:20 AM	42.2	41.6	09:55 AM - 10:00 AM	44.1	42.1
04:40 AM - 04:45 AM	43.1	42.2	07:20 AM - 07:25 AM	43.1	42.1	10:00 AM - 10:05 AM	44.4	42.3
04:45 AM - 04:50 AM	43.4	42.4	07:25 AM - 07:30 AM	42.7	41.9	10:05 AM - 10:10 AM	45.1	43.3
04:50 AM - 04:55 AM	48.7	42.4	07:30 AM - 07:35 AM	42.4	41.9	10:10 AM - 10:15 AM	44.5	43.0
04:55 AM - 05:00 AM	43.5	42.6	07:35 AM - 07:40 AM	42.4	41.8	10:15 AM - 10:20 AM	45.3	43.2
05:00 AM - 05:05 AM	44.2	42.8	07:40 AM - 07:45 AM	42.7	42.0	10:20 AM - 10:25 AM	45.7	43.2
05:05 AM - 05:10 AM	43.0	41.7	07:45 AM - 07:50 AM	42.5	41.9	10:25 AM - 10:30 AM	44.6	42.9
05:10 AM - 05:15 AM	42.9	41.9	07:50 AM - 07:55 AM	44.9	42.1	10:30 AM - 10:35 AM	44.6	42.8
05:15 AM - 05:20 AM	42.7	41.8	07:55 AM - 08:00 AM	42.4	41.7	10:35 AM - 10:40 AM	45.6	42.7
05:20 AM - 05:25 AM	46.8	42.2	08:00 AM - 08:05 AM	41.3	41.0	10:40 AM - 10:45 AM	48.3	43.4
05:25 AM - 05:30 AM	44.3	42.7	08:05 AM - 08:10 AM	44.6	41.2	10:45 AM - 10:50 AM	43.9	42.8
05:30 AM - 05:35 AM	47.3	42.6	08:10 AM - 08:15 AM	45.9	41.2	10:50 AM - 10:55 AM	47.4	42.6
05:35 AM - 05:40 AM	48.0	43.7	08:15 AM - 08:20 AM	45.9	41.3	10:55 AM - 11:00 AM	47.9	43.4
05:40 AM - 05:45 AM	48.1	43.7	08:20 AM - 08:25 AM	46.1	41.4	11:00 AM - 11:05 AM	50.9	45.6
05:45 AM - 05:50 AM	48.4	44.8	08:25 AM - 08:30 AM	45.9	41.7	11:05 AM - 11:10 AM	51.2	45.9
05:50 AM - 05:55 AM	48.2	43.6	08:30 AM - 08:35 AM	44.7	41.4	11:10 AM - 11:15 AM	50.8	44.1
05:55 AM - 06:00 AM	47.8	43.0	08:35 AM - 08:40 AM	44.1	41.7	11:15 AM - 11:20 AM	52.9	45.1
06:00 AM - 06:05 AM	47.3	42.5	08:40 AM - 08:45 AM	44.8	41.9	11:20 AM - 11:25 AM	54.1	45.5
06:05 AM - 06:10 AM	47.4	42.3	08:45 AM - 08:50 AM	44.7	42.1	11:25 AM - 11:30 AM	50.1	44.2
06:10 AM - 06:15 AM	47.9	42.9	08:50 AM - 08:55 AM	44.9	42.4	11:30 AM - 11:35 AM	49.5	44.5
06:15 AM - 06:20 AM	47.8	42.6	08:55 AM - 09:00 AM	45.8	42.9	11:35 AM - 11:40 AM	49.1	43.8
06:20 AM - 06:25 AM	47.9	43.0	09:00 AM - 09:05 AM	46.0	43.3	11:40 AM - 11:45 AM	49.9	43.5
06:25 AM - 06:30 AM	47.1	41.7	09:05 AM - 09:10 AM	45.8	43.3	11:45 AM - 11:50 AM	47.4	43.7
06:30 AM - 06:35 AM	47.8	42.9	09:10 AM - 09:15 AM	45.1	43.1	11:50 AM - 11:55 AM	49.2	44.0
06:35 AM - 06:40 AM	47.7	43.2	09:15 AM - 09:20 AM	43.9	42.7	11:55 AM - 12:00 PM	53.4	44.7

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316642-1

Page 1 of 3

Sample Number 2242905-21  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 11 - May 12, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 11, 2022 Time	Leq dB(A)	L90 dB(A)	May 11, 2022 Time	Leq dB(A)	L90 dB(A)	May 11, 2022 Time	Leq dB(A)	L90 dB(A)
12:00 PM - 12:05 PM	49.7	45.1	02:40 PM - 02:45 PM	48.7	41.0	05:20 PM - 05:25 PM	44.9	39.7
12:05 PM - 12:10 PM	52.0	45.2	02:45 PM - 02:50 PM	47.5	42.1	05:25 PM - 05:30 PM	44.0	39.5
12:10 PM - 12:15 PM	50.1	44.9	02:50 PM - 02:55 PM	45.2	41.4	05:30 PM - 05:35 PM	45.0	41.8
12:15 PM - 12:20 PM	50.1	43.1	02:55 PM - 03:00 PM	48.1	41.8	05:35 PM - 05:40 PM	46.4	41.7
12:20 PM - 12:25 PM	51.7	43.4	03:00 PM - 03:05 PM	45.2	41.8	05:40 PM - 05:45 PM	49.1	42.3
12:25 PM - 12:30 PM	49.0	44.1	03:05 PM - 03:10 PM	44.6	41.4	05:45 PM - 05:50 PM	46.0	39.8
12:30 PM - 12:35 PM	49.3	43.2	03:10 PM - 03:15 PM	45.3	40.7	05:50 PM - 05:55 PM	42.4	39.1
12:35 PM - 12:40 PM	52.1	44.3	03:15 PM - 03:20 PM	43.5	39.0	05:55 PM - 06:00 PM	48.0	40.9
12:40 PM - 12:45 PM	52.1	46.4	03:20 PM - 03:25 PM	44.9	40.9	06:00 PM - 06:05 PM	44.8	41.5
12:45 PM - 12:50 PM	50.6	44.7	03:25 PM - 03:30 PM	45.5	40.6	06:05 PM - 06:10 PM	52.3	46.4
12:50 PM - 12:55 PM	49.0	44.4	03:30 PM - 03:35 PM	53.4	45.4	06:10 PM - 06:15 PM	46.1	42.4
12:55 PM - 01:00 PM	50.2	45.0	03:35 PM - 03:40 PM	47.4	41.6	06:15 PM - 06:20 PM	51.0	42.2
01:00 PM - 01:05 PM	48.3	42.7	03:40 PM - 03:45 PM	51.5	42.7	06:20 PM - 06:25 PM	47.5	40.2
01:05 PM - 01:10 PM	50.0	42.8	03:45 PM - 03:50 PM	52.1	44.8	06:25 PM - 06:30 PM	45.7	41.1
01:10 PM - 01:15 PM	49.4	42.2	03:50 PM - 03:55 PM	50.7	44.9	06:30 PM - 06:35 PM	44.4	40.1
01:15 PM - 01:20 PM	50.0	42.8	03:55 PM - 04:00 PM	47.3	42.4	06:35 PM - 06:40 PM	46.7	41.1
01:20 PM - 01:25 PM	49.3	42.8	04:00 PM - 04:05 PM	46.4	42.9	06:40 PM - 06:45 PM	45.9	40.3
01:25 PM - 01:30 PM	50.1	42.0	04:05 PM - 04:10 PM	49.7	43.1	06:45 PM - 06:50 PM	45.0	40.1
01:30 PM - 01:35 PM	47.3	42.0	04:10 PM - 04:15 PM	44.5	39.7	06:50 PM - 06:55 PM	45.9	40.4
01:35 PM - 01:40 PM	48.2	43.2	04:15 PM - 04:20 PM	47.5	39.7	06:55 PM - 07:00 PM	43.7	40.0
01:40 PM - 01:45 PM	49.7	42.8	04:20 PM - 04:25 PM	48.5	39.8	07:00 PM - 07:05 PM	43.7	39.6
01:45 PM - 01:50 PM	49.6	43.2	04:25 PM - 04:30 PM	50.1	39.6	07:05 PM - 07:10 PM	45.5	40.4
01:50 PM - 01:55 PM	49.8	44.0	04:30 PM - 04:35 PM	45.5	39.7	07:10 PM - 07:15 PM	46.8	40.4
01:55 PM - 02:00 PM	48.0	42.2	04:35 PM - 04:40 PM	50.1	40.2	07:15 PM - 07:20 PM	47.7	40.7
02:00 PM - 02:05 PM	49.8	41.9	04:40 PM - 04:45 PM	50.4	39.4	07:20 PM - 07:25 PM	45.4	40.3
02:05 PM - 02:10 PM	47.1	41.3	04:45 PM - 04:50 PM	48.6	41.9	07:25 PM - 07:30 PM	52.8	40.6
02:10 PM - 02:15 PM	50.3	42.3	04:50 PM - 04:55 PM	46.6	39.7	07:30 PM - 07:35 PM	48.2	42.7
02:15 PM - 02:20 PM	48.6	41.7	04:55 PM - 05:00 PM	44.5	39.1	07:35 PM - 07:40 PM	46.9	40.5
02:20 PM - 02:25 PM	47.4	41.1	05:00 PM - 05:05 PM	52.8	39.9	07:40 PM - 07:45 PM	45.7	40.3
02:25 PM - 02:30 PM	43.2	39.4	05:05 PM - 05:10 PM	45.2	40.6	07:45 PM - 07:50 PM	50.5	43.1
02:30 PM - 02:35 PM	45.6	39.9	05:10 PM - 05:15 PM	42.4	39.6	07:50 PM - 07:55 PM	45.8	40.8
02:35 PM - 02:40 PM	44.7	40.0	05:15 PM - 05:20 PM	44.5	39.9	07:55 PM - 08:00 PM	50.1	44.4

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Approved by

Sarayuth Jitranont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2242905  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316642-1

Page 2 of 3

Sample Number 2242905-21  
Parameter Noise Level (Leq 5 min)  
Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
Measurement Date May 11 - May 12, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00858517

May 11, 2022	Leq	L90	May 11 - May 12, 2022	Leq	L90	May 12, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
08:00 PM - 08:05 PM	47.4	43.9	10:40 PM - 10:45 PM	52.0	47.8	01:20 AM - 01:25 AM	58.1	53.1
08:05 PM - 08:10 PM	51.0	47.6	10:45 PM - 10:50 PM	51.4	47.0	01:25 AM - 01:30 AM	56.9	54.2
08:10 PM - 08:15 PM	50.9	45.5	10:50 PM - 10:55 PM	52.0	47.8	01:30 AM - 01:35 AM	56.2	52.6
08:15 PM - 08:20 PM	49.5	43.5	10:55 PM - 11:00 PM	50.5	47.7	01:35 AM - 01:40 AM	57.3	52.9
08:20 PM - 08:25 PM	50.9	44.8	11:00 PM - 11:05 PM	50.0	48.0	01:40 AM - 01:45 AM	57.5	55.1
08:25 PM - 08:30 PM	64.9	58.2	11:05 PM - 11:10 PM	57.3	48.2	01:45 AM - 01:50 AM	54.9	45.2
08:30 PM - 08:35 PM	65.7	62.8	11:10 PM - 11:15 PM	50.0	47.6	01:50 AM - 01:55 AM	56.0	51.1
08:35 PM - 08:40 PM	58.0	52.0	11:15 PM - 11:20 PM	50.7	48.6	01:55 AM - 02:00 AM	55.7	51.9
08:40 PM - 08:45 PM	54.3	50.3	11:20 PM - 11:25 PM	51.8	48.7	02:00 AM - 02:05 AM	58.0	52.5
08:45 PM - 08:50 PM	49.3	45.8	11:25 PM - 11:30 PM	53.3	50.3	02:05 AM - 02:10 AM	52.3	46.7
08:50 PM - 08:55 PM	51.1	47.4	11:30 PM - 11:35 PM	52.6	49.6	02:10 AM - 02:15 AM	55.7	52.1
08:55 PM - 09:00 PM	48.6	44.8	11:35 PM - 11:40 PM	50.5	48.4	02:15 AM - 02:20 AM	55.0	51.9
09:00 PM - 09:05 PM	49.0	45.5	11:40 PM - 11:45 PM	51.9	48.3	02:20 AM - 02:25 AM	54.0	49.3
09:05 PM - 09:10 PM	48.8	44.6	11:45 PM - 11:50 PM	52.5	49.3	02:25 AM - 02:30 AM	55.7	53.0
09:10 PM - 09:15 PM	47.6	43.9	11:50 PM - 11:55 PM	50.6	49.0	02:30 AM - 02:35 AM	55.9	53.5
09:15 PM - 09:20 PM	54.2	45.5	11:55 PM - 12:00 AM	50.0	48.8	02:35 AM - 02:40 AM	56.0	53.5
09:20 PM - 09:25 PM	47.1	43.9	12:00 AM - 12:05 AM	50.0	48.8	02:40 AM - 02:45 AM	56.7	53.9
09:25 PM - 09:30 PM	51.8	47.4	12:05 AM - 12:10 AM	50.5	48.4	02:45 AM - 02:50 AM	56.0	50.8
09:30 PM - 09:35 PM	49.2	45.8	12:10 AM - 12:15 AM	49.4	48.4	02:50 AM - 02:55 AM	55.1	47.5
09:35 PM - 09:40 PM	48.2	45.2	12:15 AM - 12:20 AM	49.7	48.4	02:55 AM - 03:00 AM	45.5	39.4
09:40 PM - 09:45 PM	50.8	45.6	12:20 AM - 12:25 AM	52.4	49.2	03:00 AM - 03:05 AM	44.6	39.3
09:45 PM - 09:50 PM	49.6	44.3	12:25 AM - 12:30 AM	51.7	49.7	03:05 AM - 03:10 AM	45.6	40.6
09:50 PM - 09:55 PM	48.0	43.2	12:30 AM - 12:35 AM	51.6	48.9	03:10 AM - 03:15 AM	48.5	42.9
09:55 PM - 10:00 PM	59.9	48.1	12:35 AM - 12:40 AM	52.4	50.1	03:15 AM - 03:20 AM	48.6	43.7
10:00 PM - 10:05 PM	62.4	49.7	12:40 AM - 12:45 AM	54.6	51.7	03:20 AM - 03:25 AM	50.8	44.9
10:05 PM - 10:10 PM	50.7	42.7	12:45 AM - 12:50 AM	54.2	50.1	03:25 AM - 03:30 AM	52.2	50.1
10:10 PM - 10:15 PM	46.5	42.3	12:50 AM - 12:55 AM	56.4	51.5	03:30 AM - 03:35 AM	50.9	48.1
10:15 PM - 10:20 PM	50.7	42.0	12:55 AM - 01:00 AM	58.4	55.5	03:35 AM - 03:40 AM	51.9	46.3
10:20 PM - 10:25 PM	55.6	44.8	01:00 AM - 01:05 AM	59.1	55.9	03:40 AM - 03:45 AM	47.2	44.3
10:25 PM - 10:30 PM	54.9	49.8	01:05 AM - 01:10 AM	60.7	59.5	03:45 AM - 03:50 AM	49.0	44.6
10:30 PM - 10:35 PM	48.7	45.2	01:10 AM - 01:15 AM	59.8	57.4	03:50 AM - 03:55 AM	58.7	48.6
10:35 PM - 10:40 PM	48.5	44.8	01:15 AM - 01:20 AM	56.8	52.3	03:55 AM - 04:00 AM	49.2	47.0

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2242905

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316642-1

Page 3 of 3

Sample Number 2242905-21  
 Parameter Noise Level (Leq 5 min)  
 Location หมู่ที่ 2 ตำบลบ้านหว้า (GPS 47P 0672713, 1578163)  
 Measurement Date May 11 - May 12, 2022  
 Measurement by Teeravut Sukdee  
 Sound Level meter Serial No. 00858517

May 12, 2022 Time	Leq dB(A)	L90 dB(A)	May 12, 2022 Time	Leq dB(A)	L90 dB(A)	May 12, 2022 Time	Leq dB(A)	L90 dB(A)
04:00 AM - 04:05 AM	50.5	49.6	06:40 AM - 06:45 AM	51.4	44.0	09:20 AM - 09:25 AM	43.9	41.0
04:05 AM - 04:10 AM	53.1	49.5	06:45 AM - 06:50 AM	59.3	47.9	09:25 AM - 09:30 AM	48.4	41.0
04:10 AM - 04:15 AM	50.0	48.8	06:50 AM - 06:55 AM	51.3	48.4	09:30 AM - 09:35 AM	44.9	41.4
04:15 AM - 04:20 AM	49.9	49.0	06:55 AM - 07:00 AM	54.6	52.1	09:35 AM - 09:40 AM	44.6	41.3
04:20 AM - 04:25 AM	47.5	44.5	07:00 AM - 07:05 AM	50.6	47.3	09:40 AM - 09:45 AM	44.7	42.4
04:25 AM - 04:30 AM	55.8	42.9	07:05 AM - 07:10 AM	50.6	46.7	09:45 AM - 09:50 AM	48.3	42.3
04:30 AM - 04:35 AM	60.4	43.5	07:10 AM - 07:15 AM	48.9	46.5	09:50 AM - 09:55 AM	50.0	44.4
04:35 AM - 04:40 AM	62.6	44.9	07:15 AM - 07:20 AM	49.3	45.6	09:55 AM - 10:00 AM	48.8	43.6
04:40 AM - 04:45 AM	55.2	50.4	07:20 AM - 07:25 AM	49.1	45.3	10:00 AM - 10:05 AM	46.4	42.8
04:45 AM - 04:50 AM	54.4	51.8	07:25 AM - 07:30 AM	50.3	45.6	10:05 AM - 10:10 AM	49.4	43.1
04:50 AM - 04:55 AM	53.1	48.1	07:30 AM - 07:35 AM	48.4	46.7	10:10 AM - 10:15 AM	48.7	43.6
04:55 AM - 05:00 AM	52.5	46.4	07:35 AM - 07:40 AM	46.2	43.7	10:15 AM - 10:20 AM	48.9	43.7
05:00 AM - 05:05 AM	59.9	46.5	07:40 AM - 07:45 AM	47.5	43.4	10:20 AM - 10:25 AM	46.5	43.3
05:05 AM - 05:10 AM	51.9	45.5	07:45 AM - 07:50 AM	46.3	42.8	10:25 AM - 10:30 AM	46.6	43.5
05:10 AM - 05:15 AM	53.6	45.1	07:50 AM - 07:55 AM	46.1	43.3	10:30 AM - 10:35 AM	49.0	44.2
05:15 AM - 05:20 AM	54.6	45.0	07:55 AM - 08:00 AM	46.5	43.1	10:35 AM - 10:40 AM	46.2	44.1
05:20 AM - 05:25 AM	51.3	45.4	08:00 AM - 08:05 AM	46.6	43.3	10:40 AM - 10:45 AM	46.7	43.2
05:25 AM - 05:30 AM	52.6	45.5	08:05 AM - 08:10 AM	46.6	43.4	10:45 AM - 10:50 AM	47.9	45.3
05:30 AM - 05:35 AM	54.2	45.4	08:10 AM - 08:15 AM	50.6	43.6	10:50 AM - 10:55 AM	49.4	45.1
05:35 AM - 05:40 AM	56.7	47.4	08:15 AM - 08:20 AM	48.0	42.3	10:55 AM - 11:00 AM	50.9	44.3
05:40 AM - 05:45 AM	54.9	49.1	08:20 AM - 08:25 AM	49.5	43.0	11:00 AM - 11:05 AM	46.3	44.3
05:45 AM - 05:50 AM	54.3	49.6	08:25 AM - 08:30 AM	46.1	42.2	11:05 AM - 11:10 AM	49.5	44.4
05:50 AM - 05:55 AM	52.6	50.1	08:30 AM - 08:35 AM	45.9	42.5	11:10 AM - 11:15 AM	47.0	44.2
05:55 AM - 06:00 AM	57.3	54.5	08:35 AM - 08:40 AM	48.8	42.3	11:15 AM - 11:20 AM	49.6	44.6
06:00 AM - 06:05 AM	59.4	54.6	08:40 AM - 08:45 AM	52.7	44.0	11:20 AM - 11:25 AM	46.7	44.0
06:05 AM - 06:10 AM	57.3	51.3	08:45 AM - 08:50 AM	52.3	43.1	11:25 AM - 11:30 AM	46.8	44.5
06:10 AM - 06:15 AM	54.4	48.8	08:50 AM - 08:55 AM	51.4	43.4	11:30 AM - 11:35 AM	45.7	43.7
06:15 AM - 06:20 AM	54.6	48.4	08:55 AM - 09:00 AM	46.2	42.7	11:35 AM - 11:40 AM	46.6	45.0
06:20 AM - 06:25 AM	52.1	47.0	09:00 AM - 09:05 AM	45.2	42.4	11:40 AM - 11:45 AM	48.5	45.9
06:25 AM - 06:30 AM	52.2	45.8	09:05 AM - 09:10 AM	48.6	42.5	11:45 AM - 11:50 AM	46.9	44.7
06:30 AM - 06:35 AM	49.2	45.3	09:10 AM - 09:15 AM	49.1	42.7	11:50 AM - 11:55 AM	47.9	44.2
06:35 AM - 06:40 AM	52.4	45.0	09:15 AM - 09:20 AM	43.4	41.3	11:55 AM - 12:00 PM	46.5	43.9

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2240032

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316598-1 C9

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Sample Number 2240032-8  
 Parameter Noise Level (Leq 5 min)  
 Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
 Measurement Date May 05 - May 06, 2022  
 Measurement by Teeravut Sukdee  
 Sound Level meter Serial No. 00572609

May 05, 2022 Time	Leq dB(A)	L90 dB(A)	May 05, 2022 Time	Leq dB(A)	L90 dB(A)	May 05, 2022 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	50.5	45.2	12:40 PM - 12:45 PM	49.2	44.5	03:20 PM - 03:25 PM	45.7	44.4
10:05 AM - 10:10 AM	51.2	44.3	12:45 PM - 12:50 PM	46.7	43.9	03:25 PM - 03:30 PM	46.9	45.1
10:10 AM - 10:15 AM	50.6	44.0	12:50 PM - 12:55 PM	46.5	43.8	03:30 PM - 03:35 PM	44.7	43.4
10:15 AM - 10:20 AM	47.7	44.7	12:55 PM - 01:00 PM	47.1	43.4	03:35 PM - 03:40 PM	44.9	43.9
10:20 AM - 10:25 AM	48.4	44.6	01:00 PM - 01:05 PM	44.5	42.9	03:40 PM - 03:45 PM	44.2	43.1
10:25 AM - 10:30 AM	46.2	45.1	01:05 PM - 01:10 PM	44.0	43.0	03:45 PM - 03:50 PM	43.6	42.9
10:30 AM - 10:35 AM	46.3	44.3	01:10 PM - 01:15 PM	49.7	43.1	03:50 PM - 03:55 PM	45.2	43.6
10:35 AM - 10:40 AM	48.0	44.2	01:15 PM - 01:20 PM	45.0	43.4	03:55 PM - 04:00 PM	44.2	43.4
10:40 AM - 10:45 AM	46.2	44.2	01:20 PM - 01:25 PM	45.8	44.2	04:00 PM - 04:05 PM	44.6	43.2
10:45 AM - 10:50 AM	45.7	43.6	01:25 PM - 01:30 PM	45.8	43.7	04:05 PM - 04:10 PM	43.7	43.1
10:50 AM - 10:55 AM	45.2	43.9	01:30 PM - 01:35 PM	46.0	44.1	04:10 PM - 04:15 PM	45.8	43.9
10:55 AM - 11:00 AM	45.8	44.1	01:35 PM - 01:40 PM	45.4	43.4	04:15 PM - 04:20 PM	43.8	42.8
11:00 AM - 11:05 AM	46.0	44.6	01:40 PM - 01:45 PM	45.5	44.0	04:20 PM - 04:25 PM	44.4	42.7
11:05 AM - 11:10 AM	46.5	44.3	01:45 PM - 01:50 PM	46.2	43.9	04:25 PM - 04:30 PM	46.0	43.6
11:10 AM - 11:15 AM	49.9	44.2	01:50 PM - 01:55 PM	45.2	42.9	04:30 PM - 04:35 PM	44.8	43.7
11:15 AM - 11:20 AM	45.4	43.7	01:55 PM - 02:00 PM	44.9	43.3	04:35 PM - 04:40 PM	43.9	43.2
11:20 AM - 11:25 AM	45.1	43.4	02:00 PM - 02:05 PM	47.8	43.2	04:40 PM - 04:45 PM	45.1	43.6
11:25 AM - 11:30 AM	45.6	43.7	02:05 PM - 02:10 PM	44.4	42.4	04:45 PM - 04:50 PM	44.1	43.3
11:30 AM - 11:35 AM	45.5	43.7	02:10 PM - 02:15 PM	48.6	42.4	04:50 PM - 04:55 PM	44.7	43.4
11:35 AM - 11:40 AM	48.8	44.5	02:15 PM - 02:20 PM	45.6	42.8	04:55 PM - 05:00 PM	45.4	44.3
11:40 AM - 11:45 AM	47.8	44.5	02:20 PM - 02:25 PM	42.6	41.8	05:00 PM - 05:05 PM	45.5	43.6
11:45 AM - 11:50 AM	47.9	44.2	02:25 PM - 02:30 PM	43.2	42.3	05:05 PM - 05:10 PM	45.9	43.9
11:50 AM - 11:55 AM	48.8	44.2	02:30 PM - 02:35 PM	46.6	43.0	05:10 PM - 05:15 PM	47.0	43.5
11:55 AM - 12:00 PM	48.1	43.5	02:35 PM - 02:40 PM	44.3	43.5	05:15 PM - 05:20 PM	44.5	43.5
12:00 PM - 12:05 PM	49.3	44.2	02:40 PM - 02:45 PM	44.9	43.8	05:20 PM - 05:25 PM	46.9	44.8
12:05 PM - 12:10 PM	46.7	43.8	02:45 PM - 02:50 PM	46.2	43.3	05:25 PM - 05:30 PM	45.3	44.4
12:10 PM - 12:15 PM	47.6	44.4	02:50 PM - 02:55 PM	50.8	44.5	05:30 PM - 05:35 PM	46.1	44.3
12:15 PM - 12:20 PM	45.2	43.7	02:55 PM - 03:00 PM	44.3	43.4	05:35 PM - 05:40 PM	44.7	43.6
12:20 PM - 12:25 PM	45.7	44.0	03:00 PM - 03:05 PM	44.3	43.5	05:40 PM - 05:45 PM	44.8	44.0
12:25 PM - 12:30 PM	44.8	43.6	03:05 PM - 03:10 PM	43.9	43.1	05:45 PM - 05:50 PM	44.4	43.4
12:30 PM - 12:35 PM	45.4	44.0	03:10 PM - 03:15 PM	44.5	43.7	05:50 PM - 05:55 PM	45.2	43.8
12:35 PM - 12:40 PM	45.2	42.8	03:15 PM - 03:20 PM	45.6	44.2	05:55 PM - 06:00 PM	45.8	43.1

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jittrantont  
 Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2240032

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316598-1 C9

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Sample Number 2240032-8  
Parameter Noise Level (Leq 5 min)  
Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
Measurement Date May 05 - May 06, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00572609

May 05, 2022 Time	Leq dB(A)	L90 dB(A)	May 05, 2022 Time	Leq dB(A)	L90 dB(A)	May 05 - May 06, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	45.4	43.7	08:40 PM - 08:45 PM	47.7	45.3	11:20 PM - 11:25 PM	48.0	45.6
06:05 PM - 06:10 PM	45.3	44.4	08:45 PM - 08:50 PM	47.1	45.6	11:25 PM - 11:30 PM	46.7	45.8
06:10 PM - 06:15 PM	45.8	44.3	08:50 PM - 08:55 PM	46.7	45.8	11:30 PM - 11:35 PM	46.3	45.0
06:15 PM - 06:20 PM	46.0	44.4	08:55 PM - 09:00 PM	47.8	45.1	11:35 PM - 11:40 PM	48.1	45.1
06:20 PM - 06:25 PM	45.3	43.7	09:00 PM - 09:05 PM	48.4	45.7	11:40 PM - 11:45 PM	47.1	44.8
06:25 PM - 06:30 PM	44.3	43.3	09:05 PM - 09:10 PM	48.3	44.8	11:45 PM - 11:50 PM	45.5	44.6
06:30 PM - 06:35 PM	44.2	43.5	09:10 PM - 09:15 PM	44.8	44.0	11:50 PM - 11:55 PM	46.3	45.3
06:35 PM - 06:40 PM	45.9	43.8	09:15 PM - 09:20 PM	46.1	44.3	11:55 PM - 12:00 AM	46.1	45.0
06:40 PM - 06:45 PM	44.9	43.8	09:20 PM - 09:25 PM	45.7	44.8	12:00 AM - 12:05 AM	46.7	45.5
06:45 PM - 06:50 PM	50.0	45.6	09:25 PM - 09:30 PM	46.9	45.2	12:05 AM - 12:10 AM	47.6	46.6
06:50 PM - 06:55 PM	45.4	44.2	09:30 PM - 09:35 PM	47.0	44.6	12:10 AM - 12:15 AM	46.7	46.0
06:55 PM - 07:00 PM	47.0	44.0	09:35 PM - 09:40 PM	46.3	44.5	12:15 AM - 12:20 AM	47.2	45.4
07:00 PM - 07:05 PM	45.3	43.8	09:40 PM - 09:45 PM	46.2	45.1	12:20 AM - 12:25 AM	45.8	44.5
07:05 PM - 07:10 PM	45.9	44.6	09:45 PM - 09:50 PM	46.2	44.5	12:25 AM - 12:30 AM	48.7	45.8
07:10 PM - 07:15 PM	45.1	44.3	09:50 PM - 09:55 PM	45.8	44.9	12:30 AM - 12:35 AM	47.4	45.3
07:15 PM - 07:20 PM	47.0	45.2	09:55 PM - 10:00 PM	46.1	45.0	12:35 AM - 12:40 AM	49.5	45.7
07:20 PM - 07:25 PM	46.2	45.4	10:00 PM - 10:05 PM	45.4	44.5	12:40 AM - 12:45 AM	54.3	45.5
07:25 PM - 07:30 PM	46.4	44.7	10:05 PM - 10:10 PM	45.2	44.1	12:45 AM - 12:50 AM	51.6	45.8
07:30 PM - 07:35 PM	46.4	45.0	10:10 PM - 10:15 PM	45.7	43.6	12:50 AM - 12:55 AM	50.8	45.4
07:35 PM - 07:40 PM	45.8	44.7	10:15 PM - 10:20 PM	44.9	43.4	12:55 AM - 01:00 AM	48.6	45.8
07:40 PM - 07:45 PM	46.6	45.4	10:20 PM - 10:25 PM	45.4	43.2	01:00 AM - 01:05 AM	46.4	45.1
07:45 PM - 07:50 PM	46.0	45.1	10:25 PM - 10:30 PM	45.7	43.6	01:05 AM - 01:10 AM	49.4	45.9
07:50 PM - 07:55 PM	46.3	45.0	10:30 PM - 10:35 PM	44.9	43.6	01:10 AM - 01:15 AM	48.2	45.0
07:55 PM - 08:00 PM	47.2	45.9	10:35 PM - 10:40 PM	45.7	44.5	01:15 AM - 01:20 AM	51.5	45.8
08:00 PM - 08:05 PM	46.9	45.2	10:40 PM - 10:45 PM	45.1	44.3	01:20 AM - 01:25 AM	48.2	45.5
08:05 PM - 08:10 PM	47.3	45.1	10:45 PM - 10:50 PM	46.2	44.8	01:25 AM - 01:30 AM	49.2	46.4
08:10 PM - 08:15 PM	47.0	44.8	10:50 PM - 10:55 PM	45.2	44.4	01:30 AM - 01:35 AM	49.9	46.7
08:15 PM - 08:20 PM	46.6	44.7	10:55 PM - 11:00 PM	45.2	44.5	01:35 AM - 01:40 AM	48.0	45.9
08:20 PM - 08:25 PM	45.8	44.3	11:00 PM - 11:05 PM	45.7	45.0	01:40 AM - 01:45 AM	48.8	46.0
08:25 PM - 08:30 PM	46.2	44.5	11:05 PM - 11:10 PM	46.1	45.4	01:45 AM - 01:50 AM	49.1	46.3
08:30 PM - 08:35 PM	46.3	45.1	11:10 PM - 11:15 PM	46.0	44.9	01:50 AM - 01:55 AM	49.8	47.2
08:35 PM - 08:40 PM	46.8	44.9	11:15 PM - 11:20 PM	48.3	46.0	01:55 AM - 02:00 AM	47.6	46.3

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2240032  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316598-1 C9

Page 3 of 3

Sample Number 2240032-8  
Parameter Noise Level (Leq 5 min)  
Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
Measurement Date May 05 - May 06, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00572609

May 06, 2022 Time	Leq dB(A)	L90 dB(A)	May 06, 2022 Time	Leq dB(A)	L90 dB(A)	May 06, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	49.4	46.6	04:40 AM - 04:45 AM	47.8	46.1	07:20 AM - 07:25 AM	54.4	52.9
02:05 AM - 02:10 AM	46.1	44.8	04:45 AM - 04:50 AM	47.0	46.1	07:25 AM - 07:30 AM	56.0	55.3
02:10 AM - 02:15 AM	45.5	44.4	04:50 AM - 04:55 AM	48.4	46.7	07:30 AM - 07:35 AM	56.2	55.2
02:15 AM - 02:20 AM	45.9	44.7	04:55 AM - 05:00 AM	51.9	48.5	07:35 AM - 07:40 AM	55.4	54.3
02:20 AM - 02:25 AM	47.2	45.3	05:00 AM - 05:05 AM	50.5	47.8	07:40 AM - 07:45 AM	54.8	53.9
02:25 AM - 02:30 AM	47.2	44.9	05:05 AM - 05:10 AM	47.3	45.3	07:45 AM - 07:50 AM	53.4	52.0
02:30 AM - 02:35 AM	47.7	46.1	05:10 AM - 05:15 AM	49.2	47.0	07:50 AM - 07:55 AM	52.6	51.5
02:35 AM - 02:40 AM	46.6	45.1	05:15 AM - 05:20 AM	47.4	46.2	07:55 AM - 08:00 AM	53.3	52.0
02:40 AM - 02:45 AM	46.4	45.3	05:20 AM - 05:25 AM	49.8	46.5	08:00 AM - 08:05 AM	53.8	52.8
02:45 AM - 02:50 AM	46.7	45.7	05:25 AM - 05:30 AM	50.0	47.1	08:05 AM - 08:10 AM	53.6	52.0
02:50 AM - 02:55 AM	46.5	45.5	05:30 AM - 05:35 AM	50.9	47.1	08:10 AM - 08:15 AM	56.5	51.2
02:55 AM - 03:00 AM	47.7	46.7	05:35 AM - 05:40 AM	54.8	49.2	08:15 AM - 08:20 AM	53.9	49.8
03:00 AM - 03:05 AM	47.0	45.8	05:40 AM - 05:45 AM	49.1	47.5	08:20 AM - 08:25 AM	50.2	49.2
03:05 AM - 03:10 AM	48.0	46.3	05:45 AM - 05:50 AM	54.9	50.1	08:25 AM - 08:30 AM	49.5	48.7
03:10 AM - 03:15 AM	48.0	46.7	05:50 AM - 05:55 AM	56.9	52.3	08:30 AM - 08:35 AM	49.8	48.9
03:15 AM - 03:20 AM	46.7	45.9	05:55 AM - 06:00 AM	57.0	53.5	08:35 AM - 08:40 AM	50.6	48.9
03:20 AM - 03:25 AM	48.1	46.7	06:00 AM - 06:05 AM	53.8	51.0	08:40 AM - 08:45 AM	49.3	48.6
03:25 AM - 03:30 AM	46.4	45.4	06:05 AM - 06:10 AM	59.7	53.1	08:45 AM - 08:50 AM	50.1	48.8
03:30 AM - 03:35 AM	47.7	46.4	06:10 AM - 06:15 AM	55.5	50.0	08:50 AM - 08:55 AM	50.3	49.3
03:35 AM - 03:40 AM	49.6	46.9	06:15 AM - 06:20 AM	61.5	56.1	08:55 AM - 09:00 AM	68.0	49.7
03:40 AM - 03:45 AM	48.6	46.7	06:20 AM - 06:25 AM	62.0	56.1	09:00 AM - 09:05 AM	50.3	49.6
03:45 AM - 03:50 AM	48.5	46.7	06:25 AM - 06:30 AM	59.9	56.3	09:05 AM - 09:10 AM	50.6	49.9
03:50 AM - 03:55 AM	47.0	45.7	06:30 AM - 06:35 AM	56.1	54.5	09:10 AM - 09:15 AM	50.7	49.9
03:55 AM - 04:00 AM	49.5	45.8	06:35 AM - 06:40 AM	58.2	56.2	09:15 AM - 09:20 AM	50.2	49.7
04:00 AM - 04:05 AM	48.0	46.7	06:40 AM - 06:45 AM	58.8	57.6	09:20 AM - 09:25 AM	50.7	49.9
04:05 AM - 04:10 AM	48.0	46.5	06:45 AM - 06:50 AM	62.6	58.6	09:25 AM - 09:30 AM	50.7	50.1
04:10 AM - 04:15 AM	47.9	45.4	06:50 AM - 06:55 AM	62.4	61.0	09:30 AM - 09:35 AM	51.2	50.5
04:15 AM - 04:20 AM	48.3	45.7	06:55 AM - 07:00 AM	61.1	59.5	09:35 AM - 09:40 AM	51.8	51.3
04:20 AM - 04:25 AM	46.7	45.6	07:00 AM - 07:05 AM	59.8	57.4	09:40 AM - 09:45 AM	52.3	51.4
04:25 AM - 04:30 AM	49.6	46.3	07:05 AM - 07:10 AM	60.7	56.7	09:45 AM - 09:50 AM	53.7	52.9
04:30 AM - 04:35 AM	47.7	46.1	07:10 AM - 07:15 AM	60.4	58.7	09:50 AM - 09:55 AM	53.5	52.5
04:35 AM - 04:40 AM	49.6	46.7	07:15 AM - 07:20 AM	55.1	53.2	09:55 AM - 10:00 AM	52.9	52.4

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2240032  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316599-1 C9

Page 1 of 3

Sample Number 2240032-9  
Parameter Noise Level (Leq 5 min)  
Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
Measurement Date May 06 - May 07, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00572609

May 06, 2022 Time	Leq dB(A)	L90 dB(A)	May 06, 2022 Time	Leq dB(A)	L90 dB(A)	May 06, 2022 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	52.8	52.3	12:40 PM - 12:45 PM	50.1	46.7	03:20 PM - 03:25 PM	49.8	48.5
10:05 AM - 10:10 AM	52.6	52.0	12:45 PM - 12:50 PM	48.6	46.4	03:25 PM - 03:30 PM	49.1	48.2
10:10 AM - 10:15 AM	52.6	51.8	12:50 PM - 12:55 PM	48.1	46.4	03:30 PM - 03:35 PM	51.5	48.2
10:15 AM - 10:20 AM	52.6	51.9	12:55 PM - 01:00 PM	49.1	47.0	03:35 PM - 03:40 PM	52.6	48.2
10:20 AM - 10:25 AM	52.2	51.7	01:00 PM - 01:05 PM	49.5	47.4	03:40 PM - 03:45 PM	58.0	49.2
10:25 AM - 10:30 AM	51.6	50.8	01:05 PM - 01:10 PM	57.1	47.5	03:45 PM - 03:50 PM	51.4	47.8
10:30 AM - 10:35 AM	51.7	50.3	01:10 PM - 01:15 PM	50.6	46.7	03:50 PM - 03:55 PM	52.5	47.3
10:35 AM - 10:40 AM	50.9	50.1	01:15 PM - 01:20 PM	49.8	46.8	03:55 PM - 04:00 PM	53.3	48.2
10:40 AM - 10:45 AM	50.6	49.6	01:20 PM - 01:25 PM	53.1	47.8	04:00 PM - 04:05 PM	50.3	47.1
10:45 AM - 10:50 AM	49.5	48.5	01:25 PM - 01:30 PM	55.4	48.2	04:05 PM - 04:10 PM	52.6	47.5
10:50 AM - 10:55 AM	50.6	49.5	01:30 PM - 01:35 PM	49.8	48.1	04:10 PM - 04:15 PM	51.8	47.5
10:55 AM - 11:00 AM	49.7	48.8	01:35 PM - 01:40 PM	48.6	47.2	04:15 PM - 04:20 PM	49.5	48.0
11:00 AM - 11:05 AM	49.5	48.4	01:40 PM - 01:45 PM	53.2	47.1	04:20 PM - 04:25 PM	50.0	47.9
11:05 AM - 11:10 AM	48.5	47.3	01:45 PM - 01:50 PM	50.1	47.8	04:25 PM - 04:30 PM	49.2	47.6
11:10 AM - 11:15 AM	48.2	46.8	01:50 PM - 01:55 PM	54.2	48.2	04:30 PM - 04:35 PM	54.5	46.8
11:15 AM - 11:20 AM	48.9	47.5	01:55 PM - 02:00 PM	50.2	47.4	04:35 PM - 04:40 PM	52.2	46.8
11:20 AM - 11:25 AM	51.4	49.3	02:00 PM - 02:05 PM	50.6	46.9	04:40 PM - 04:45 PM	47.0	46.3
11:25 AM - 11:30 AM	49.7	48.2	02:05 PM - 02:10 PM	54.9	47.5	04:45 PM - 04:50 PM	47.1	45.9
11:30 AM - 11:35 AM	50.2	48.3	02:10 PM - 02:15 PM	50.5	47.2	04:50 PM - 04:55 PM	48.4	46.1
11:35 AM - 11:40 AM	49.3	48.1	02:15 PM - 02:20 PM	49.0	47.2	04:55 PM - 05:00 PM	48.1	46.5
11:40 AM - 11:45 AM	50.4	48.5	02:20 PM - 02:25 PM	51.1	46.8	05:00 PM - 05:05 PM	47.9	46.9
11:45 AM - 11:50 AM	49.4	47.9	02:25 PM - 02:30 PM	53.9	47.4	05:05 PM - 05:10 PM	47.1	46.3
11:50 AM - 11:55 AM	49.6	47.3	02:30 PM - 02:35 PM	49.7	47.5	05:10 PM - 05:15 PM	47.9	46.7
11:55 AM - 12:00 PM	54.0	47.8	02:35 PM - 02:40 PM	50.8	47.3	05:15 PM - 05:20 PM	48.4	47.5
12:00 PM - 12:05 PM	50.0	47.2	02:40 PM - 02:45 PM	50.2	47.4	05:20 PM - 05:25 PM	49.6	48.4
12:05 PM - 12:10 PM	48.8	47.2	02:45 PM - 02:50 PM	48.6	47.3	05:25 PM - 05:30 PM	49.7	48.2
12:10 PM - 12:15 PM	51.4	47.4	02:50 PM - 02:55 PM	52.6	47.9	05:30 PM - 05:35 PM	49.4	48.1
12:15 PM - 12:20 PM	49.4	47.0	02:55 PM - 03:00 PM	49.3	47.3	05:35 PM - 05:40 PM	49.3	47.8
12:20 PM - 12:25 PM	48.5	46.4	03:00 PM - 03:05 PM	50.6	46.8	05:40 PM - 05:45 PM	48.1	47.0
12:25 PM - 12:30 PM	50.4	46.2	03:05 PM - 03:10 PM	52.8	47.8	05:45 PM - 05:50 PM	47.7	47.0
12:30 PM - 12:35 PM	48.9	46.8	03:10 PM - 03:15 PM	52.4	47.9	05:50 PM - 05:55 PM	47.7	46.6
12:35 PM - 12:40 PM	49.4	47.1	03:15 PM - 03:20 PM	50.1	48.4	05:55 PM - 06:00 PM	48.9	47.4

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2240032

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316599-1 C9

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Sample Number 2240032-9  
Parameter Noise Level (Leq 5 min)  
Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
Measurement Date May 06 - May 07, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00572609

May 06, 2022 Time	Leq dB(A)	L90 dB(A)	May 06, 2022 Time	Leq dB(A)	L90 dB(A)	May 06 - May 07, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	49.8	47.2	08:40 PM - 08:45 PM	51.0	46.3	11:20 PM - 11:25 PM	50.2	47.5
06:05 PM - 06:10 PM	48.2	47.1	08:45 PM - 08:50 PM	52.7	46.4	11:25 PM - 11:30 PM	50.3	47.9
06:10 PM - 06:15 PM	47.2	46.3	08:50 PM - 08:55 PM	48.8	46.3	11:30 PM - 11:35 PM	49.8	47.7
06:15 PM - 06:20 PM	48.9	47.0	08:55 PM - 09:00 PM	50.0	47.3	11:35 PM - 11:40 PM	49.4	47.0
06:20 PM - 06:25 PM	49.0	47.1	09:00 PM - 09:05 PM	47.8	47.0	11:40 PM - 11:45 PM	50.5	47.2
06:25 PM - 06:30 PM	48.8	46.8	09:05 PM - 09:10 PM	48.1	47.1	11:45 PM - 11:50 PM	48.8	48.0
06:30 PM - 06:35 PM	47.4	46.6	09:10 PM - 09:15 PM	49.9	48.9	11:50 PM - 11:55 PM	49.6	48.6
06:35 PM - 06:40 PM	48.7	47.5	09:15 PM - 09:20 PM	50.4	48.8	11:55 PM - 12:00 AM	51.1	48.8
06:40 PM - 06:45 PM	49.4	47.6	09:20 PM - 09:25 PM	51.2	48.8	12:00 AM - 12:05 AM	49.5	47.9
06:45 PM - 06:50 PM	53.2	48.5	09:25 PM - 09:30 PM	50.3	48.4	12:05 AM - 12:10 AM	50.2	47.8
06:50 PM - 06:55 PM	50.7	47.9	09:30 PM - 09:35 PM	50.0	48.5	12:10 AM - 12:15 AM	48.6	47.5
06:55 PM - 07:00 PM	50.5	48.3	09:35 PM - 09:40 PM	54.2	47.9	12:15 AM - 12:20 AM	49.7	47.8
07:00 PM - 07:05 PM	49.1	47.6	09:40 PM - 09:45 PM	49.2	47.9	12:20 AM - 12:25 AM	49.2	47.3
07:05 PM - 07:10 PM	51.8	48.8	09:45 PM - 09:50 PM	49.4	48.4	12:25 AM - 12:30 AM	48.8	46.4
07:10 PM - 07:15 PM	52.4	49.0	09:50 PM - 09:55 PM	51.4	48.4	12:30 AM - 12:35 AM	46.8	45.8
07:15 PM - 07:20 PM	51.4	48.6	09:55 PM - 10:00 PM	48.8	47.9	12:35 AM - 12:40 AM	46.8	46.1
07:20 PM - 07:25 PM	49.9	48.3	10:00 PM - 10:05 PM	50.3	48.4	12:40 AM - 12:45 AM	46.3	45.7
07:25 PM - 07:30 PM	48.6	47.7	10:05 PM - 10:10 PM	52.4	48.3	12:45 AM - 12:50 AM	47.2	46.3
07:30 PM - 07:35 PM	49.4	47.9	10:10 PM - 10:15 PM	48.9	48.1	12:50 AM - 12:55 AM	47.8	46.4
07:35 PM - 07:40 PM	48.2	47.4	10:15 PM - 10:20 PM	50.3	47.6	12:55 AM - 01:00 AM	46.8	45.9
07:40 PM - 07:45 PM	47.9	47.2	10:20 PM - 10:25 PM	52.7	48.5	01:00 AM - 01:05 AM	46.6	45.7
07:45 PM - 07:50 PM	47.4	46.6	10:25 PM - 10:30 PM	51.6	48.5	01:05 AM - 01:10 AM	47.3	46.1
07:50 PM - 07:55 PM	48.3	46.8	10:30 PM - 10:35 PM	48.9	47.8	01:10 AM - 01:15 AM	47.8	46.6
07:55 PM - 08:00 PM	48.0	46.9	10:35 PM - 10:40 PM	48.1	47.1	01:15 AM - 01:20 AM	47.7	46.6
08:00 PM - 08:05 PM	48.4	46.7	10:40 PM - 10:45 PM	48.4	47.4	01:20 AM - 01:25 AM	47.7	46.5
08:05 PM - 08:10 PM	46.9	46.0	10:45 PM - 10:50 PM	48.9	47.3	01:25 AM - 01:30 AM	47.2	46.2
08:10 PM - 08:15 PM	47.9	46.4	10:50 PM - 10:55 PM	49.3	47.3	01:30 AM - 01:35 AM	47.9	46.8
08:15 PM - 08:20 PM	52.6	46.3	10:55 PM - 11:00 PM	49.7	47.4	01:35 AM - 01:40 AM	48.4	47.3
08:20 PM - 08:25 PM	47.4	45.7	11:00 PM - 11:05 PM	50.4	46.9	01:40 AM - 01:45 AM	51.0	47.8
08:25 PM - 08:30 PM	46.5	45.7	11:05 PM - 11:10 PM	49.6	47.0	01:45 AM - 01:50 AM	49.7	47.5
08:30 PM - 08:35 PM	46.6	45.6	11:10 PM - 11:15 PM	51.4	47.2	01:50 AM - 01:55 AM	48.7	47.5
08:35 PM - 08:40 PM	47.5	46.0	11:15 PM - 11:20 PM	51.7	47.4	01:55 AM - 02:00 AM	49.1	47.8

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2240032

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316599-1 C9

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Sample Number 2240032-9  
Parameter Noise Level (Leq 5 min)  
Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
Measurement Date May 06 - May 07, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00572609

May 07, 2022 Time	Leq dB(A)	L90 dB(A)	May 07, 2022 Time	Leq dB(A)	L90 dB(A)	May 07, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	49.0	47.5	04:40 AM - 04:45 AM	48.1	46.8	07:20 AM - 07:25 AM	57.2	54.4
02:05 AM - 02:10 AM	48.2	47.6	04:45 AM - 04:50 AM	47.9	46.4	07:25 AM - 07:30 AM	56.2	52.2
02:10 AM - 02:15 AM	49.8	48.2	04:50 AM - 04:55 AM	52.2	47.7	07:30 AM - 07:35 AM	56.8	54.5
02:15 AM - 02:20 AM	49.1	48.5	04:55 AM - 05:00 AM	53.4	49.3	07:35 AM - 07:40 AM	56.1	52.2
02:20 AM - 02:25 AM	48.5	47.3	05:00 AM - 05:05 AM	53.6	50.0	07:40 AM - 07:45 AM	55.1	53.0
02:25 AM - 02:30 AM	48.5	47.6	05:05 AM - 05:10 AM	58.3	53.0	07:45 AM - 07:50 AM	54.6	52.3
02:30 AM - 02:35 AM	49.2	47.7	05:10 AM - 05:15 AM	51.7	49.1	07:50 AM - 07:55 AM	55.2	52.4
02:35 AM - 02:40 AM	53.8	48.1	05:15 AM - 05:20 AM	52.1	49.4	07:55 AM - 08:00 AM	53.7	51.9
02:40 AM - 02:45 AM	50.3	48.5	05:20 AM - 05:25 AM	53.2	50.3	08:00 AM - 08:05 AM	52.5	50.5
02:45 AM - 02:50 AM	50.1	47.6	05:25 AM - 05:30 AM	50.1	48.1	08:05 AM - 08:10 AM	53.7	51.5
02:50 AM - 02:55 AM	50.3	48.1	05:30 AM - 05:35 AM	50.8	48.2	08:10 AM - 08:15 AM	57.2	52.8
02:55 AM - 03:00 AM	49.4	48.1	05:35 AM - 05:40 AM	53.7	49.7	08:15 AM - 08:20 AM	54.5	52.4
03:00 AM - 03:05 AM	50.5	48.8	05:40 AM - 05:45 AM	52.4	49.1	08:20 AM - 08:25 AM	54.7	51.9
03:05 AM - 03:10 AM	52.7	49.3	05:45 AM - 05:50 AM	57.6	50.4	08:25 AM - 08:30 AM	57.4	53.4
03:10 AM - 03:15 AM	50.5	48.6	05:50 AM - 05:55 AM	51.2	48.1	08:30 AM - 08:35 AM	56.2	52.5
03:15 AM - 03:20 AM	52.2	49.0	05:55 AM - 06:00 AM	53.7	50.3	08:35 AM - 08:40 AM	55.4	54.1
03:20 AM - 03:25 AM	49.8	48.1	06:00 AM - 06:05 AM	52.3	49.3	08:40 AM - 08:45 AM	55.1	53.4
03:25 AM - 03:30 AM	48.1	47.3	06:05 AM - 06:10 AM	53.8	50.3	08:45 AM - 08:50 AM	60.0	53.2
03:30 AM - 03:35 AM	48.8	47.5	06:10 AM - 06:15 AM	54.2	52.3	08:50 AM - 08:55 AM	64.6	64.2
03:35 AM - 03:40 AM	48.3	47.3	06:15 AM - 06:20 AM	52.8	50.6	08:55 AM - 09:00 AM	56.1	53.7
03:40 AM - 03:45 AM	49.4	47.8	06:20 AM - 06:25 AM	56.2	53.3	09:00 AM - 09:05 AM	58.2	53.2
03:45 AM - 03:50 AM	49.8	47.9	06:25 AM - 06:30 AM	56.4	52.9	09:05 AM - 09:10 AM	62.3	54.0
03:50 AM - 03:55 AM	53.2	48.8	06:30 AM - 06:35 AM	58.6	52.2	09:10 AM - 09:15 AM	58.9	48.1
03:55 AM - 04:00 AM	49.6	47.8	06:35 AM - 06:40 AM	59.7	51.2	09:15 AM - 09:20 AM	50.1	49.0
04:00 AM - 04:05 AM	49.5	47.9	06:40 AM - 06:45 AM	58.9	52.4	09:20 AM - 09:25 AM	50.8	49.2
04:05 AM - 04:10 AM	51.9	49.3	06:45 AM - 06:50 AM	56.3	51.7	09:25 AM - 09:30 AM	50.8	49.9
04:10 AM - 04:15 AM	51.7	49.2	06:50 AM - 06:55 AM	58.7	55.2	09:30 AM - 09:35 AM	50.6	48.8
04:15 AM - 04:20 AM	51.4	47.8	06:55 AM - 07:00 AM	55.5	52.4	09:35 AM - 09:40 AM	50.5	49.6
04:20 AM - 04:25 AM	49.7	47.8	07:00 AM - 07:05 AM	57.9	52.7	09:40 AM - 09:45 AM	51.3	50.0
04:25 AM - 04:30 AM	53.8	48.3	07:05 AM - 07:10 AM	54.7	53.1	09:45 AM - 09:50 AM	51.5	50.3
04:30 AM - 04:35 AM	49.8	48.2	07:10 AM - 07:15 AM	58.5	53.1	09:50 AM - 09:55 AM	51.1	49.8
04:35 AM - 04:40 AM	47.6	46.1	07:15 AM - 07:20 AM	59.8	55.9	09:55 AM - 10:00 AM	50.8	49.8

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2240032  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316600-1 C9

Page 1 of 3

Sample Number 2240032-10  
Parameter Noise Level (Leq 5 min)  
Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
Measurement Date May 07 - May 08, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00572609

May 07, 2022 Time	Leq dB(A)	L90 dB(A)	May 07, 2022 Time	Leq dB(A)	L90 dB(A)	May 07, 2022 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	51.2	50.0	12:40 PM - 12:45 PM	54.7	50.8	03:20 PM - 03:25 PM	50.2	49.5
10:05 AM - 10:10 AM	50.4	49.5	12:45 PM - 12:50 PM	54.1	50.5	03:25 PM - 03:30 PM	50.7	49.6
10:10 AM - 10:15 AM	50.7	49.9	12:50 PM - 12:55 PM	56.1	50.1	03:30 PM - 03:35 PM	51.2	49.8
10:15 AM - 10:20 AM	50.8	50.1	12:55 PM - 01:00 PM	56.8	50.3	03:35 PM - 03:40 PM	50.7	49.3
10:20 AM - 10:25 AM	51.0	50.0	01:00 PM - 01:05 PM	58.1	52.0	03:40 PM - 03:45 PM	51.4	49.6
10:25 AM - 10:30 AM	50.8	49.9	01:05 PM - 01:10 PM	58.8	53.2	03:45 PM - 03:50 PM	55.1	50.0
10:30 AM - 10:35 AM	51.0	50.1	01:10 PM - 01:15 PM	58.0	50.3	03:50 PM - 03:55 PM	56.1	50.2
10:35 AM - 10:40 AM	51.0	50.1	01:15 PM - 01:20 PM	58.8	51.3	03:55 PM - 04:00 PM	56.6	50.6
10:40 AM - 10:45 AM	51.4	50.6	01:20 PM - 01:25 PM	59.3	51.4	04:00 PM - 04:05 PM	56.2	50.5
10:45 AM - 10:50 AM	51.5	50.8	01:25 PM - 01:30 PM	58.7	51.1	04:05 PM - 04:10 PM	57.6	51.0
10:50 AM - 10:55 AM	51.6	50.8	01:30 PM - 01:35 PM	57.8	50.4	04:10 PM - 04:15 PM	57.2	50.5
10:55 AM - 11:00 AM	52.1	50.8	01:35 PM - 01:40 PM	56.5	50.6	04:15 PM - 04:20 PM	56.1	50.1
11:00 AM - 11:05 AM	52.7	50.1	01:40 PM - 01:45 PM	57.6	51.6	04:20 PM - 04:25 PM	50.8	50.0
11:05 AM - 11:10 AM	50.5	49.7	01:45 PM - 01:50 PM	56.9	50.2	04:25 PM - 04:30 PM	54.7	50.9
11:10 AM - 11:15 AM	50.5	49.3	01:50 PM - 01:55 PM	59.1	52.5	04:30 PM - 04:35 PM	56.4	50.6
11:15 AM - 11:20 AM	53.0	50.2	01:55 PM - 02:00 PM	58.5	50.9	04:35 PM - 04:40 PM	55.7	50.3
11:20 AM - 11:25 AM	53.5	51.1	02:00 PM - 02:05 PM	58.3	49.9	04:40 PM - 04:45 PM	54.9	50.5
11:25 AM - 11:30 AM	53.2	50.5	02:05 PM - 02:10 PM	58.5	51.1	04:45 PM - 04:50 PM	55.8	50.4
11:30 AM - 11:35 AM	50.4	49.5	02:10 PM - 02:15 PM	59.8	52.3	04:50 PM - 04:55 PM	56.1	50.9
11:35 AM - 11:40 AM	51.5	49.7	02:15 PM - 02:20 PM	59.3	52.0	04:55 PM - 05:00 PM	56.5	50.5
11:40 AM - 11:45 AM	52.4	50.2	02:20 PM - 02:25 PM	58.3	51.0	05:00 PM - 05:05 PM	56.7	51.0
11:45 AM - 11:50 AM	53.1	50.2	02:25 PM - 02:30 PM	58.3	51.4	05:05 PM - 05:10 PM	56.7	50.7
11:50 AM - 11:55 AM	52.6	50.2	02:30 PM - 02:35 PM	59.0	52.0	05:10 PM - 05:15 PM	56.6	50.6
11:55 AM - 12:00 PM	52.6	50.5	02:35 PM - 02:40 PM	58.6	51.6	05:15 PM - 05:20 PM	55.3	50.6
12:00 PM - 12:05 PM	54.0	51.7	02:40 PM - 02:45 PM	59.0	51.7	05:20 PM - 05:25 PM	56.9	51.0
12:05 PM - 12:10 PM	54.2	52.0	02:45 PM - 02:50 PM	58.8	51.4	05:25 PM - 05:30 PM	56.9	50.9
12:10 PM - 12:15 PM	53.8	51.0	02:50 PM - 02:55 PM	59.4	52.0	05:30 PM - 05:35 PM	55.1	50.5
12:15 PM - 12:20 PM	54.3	51.4	02:55 PM - 03:00 PM	58.3	51.2	05:35 PM - 05:40 PM	51.9	50.4
12:20 PM - 12:25 PM	54.1	51.5	03:00 PM - 03:05 PM	58.0	51.1	05:40 PM - 05:45 PM	55.3	50.4
12:25 PM - 12:30 PM	54.7	51.5	03:05 PM - 03:10 PM	58.1	49.9	05:45 PM - 05:50 PM	58.5	51.9
12:30 PM - 12:35 PM	55.4	52.5	03:10 PM - 03:15 PM	50.5	48.7	05:50 PM - 05:55 PM	57.7	51.9
12:35 PM - 12:40 PM	54.1	51.6	03:15 PM - 03:20 PM	49.9	49.4	05:55 PM - 06:00 PM	54.0	50.3

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Approved by

Sarayuth Jitranont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2240032

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316600-1 C9

Page 2 of 3

Sample Number 2240032-10  
 Parameter Noise Level (Leq 5 min)  
 Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
 Measurement Date May 07 - May 08, 2022  
 Measurement by Teeravut Sukdee  
 Sound Level meter Serial No. 00572609

May 07, 2022 Time	Leq dB(A)	L90 dB(A)	May 07, 2022 Time	Leq dB(A)	L90 dB(A)	May 07 - May 08, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	50.9	50.1	08:40 PM - 08:45 PM	57.2	50.8	11:20 PM - 11:25 PM	57.3	49.6
06:05 PM - 06:10 PM	51.1	50.1	08:45 PM - 08:50 PM	57.2	50.8	11:25 PM - 11:30 PM	58.5	51.9
06:10 PM - 06:15 PM	50.6	49.6	08:50 PM - 08:55 PM	56.7	50.5	11:30 PM - 11:35 PM	58.1	51.5
06:15 PM - 06:20 PM	52.2	48.9	08:55 PM - 09:00 PM	57.4	50.4	11:35 PM - 11:40 PM	59.0	53.2
06:20 PM - 06:25 PM	54.4	48.7	09:00 PM - 09:05 PM	58.6	51.1	11:40 PM - 11:45 PM	58.6	51.3
06:25 PM - 06:30 PM	55.5	49.6	09:05 PM - 09:10 PM	58.6	51.2	11:45 PM - 11:50 PM	57.1	49.0
06:30 PM - 06:35 PM	55.8	50.2	09:10 PM - 09:15 PM	58.1	51.8	11:50 PM - 11:55 PM	57.4	49.2
06:35 PM - 06:40 PM	56.6	50.6	09:15 PM - 09:20 PM	56.5	50.4	11:55 PM - 12:00 AM	56.1	48.6
06:40 PM - 06:45 PM	53.8	49.9	09:20 PM - 09:25 PM	56.2	50.6	12:00 AM - 12:05 AM	49.0	48.1
06:45 PM - 06:50 PM	56.9	51.4	09:25 PM - 09:30 PM	57.0	51.4	12:05 AM - 12:10 AM	48.7	48.0
06:50 PM - 06:55 PM	56.0	51.3	09:30 PM - 09:35 PM	56.5	50.7	12:10 AM - 12:15 AM	48.8	47.9
06:55 PM - 07:00 PM	56.0	52.3	09:35 PM - 09:40 PM	55.9	50.4	12:15 AM - 12:20 AM	50.3	49.4
07:00 PM - 07:05 PM	58.1	51.2	09:40 PM - 09:45 PM	56.5	50.7	12:20 AM - 12:25 AM	50.9	50.4
07:05 PM - 07:10 PM	57.8	52.9	09:45 PM - 09:50 PM	55.2	49.6	12:25 AM - 12:30 AM	51.6	50.6
07:10 PM - 07:15 PM	57.8	51.8	09:50 PM - 09:55 PM	55.8	49.9	12:30 AM - 12:35 AM	50.0	48.6
07:15 PM - 07:20 PM	57.8	51.4	09:55 PM - 10:00 PM	57.3	51.3	12:35 AM - 12:40 AM	49.6	48.4
07:20 PM - 07:25 PM	57.9	52.0	10:00 PM - 10:05 PM	56.8	51.1	12:40 AM - 12:45 AM	49.4	48.6
07:25 PM - 07:30 PM	57.6	51.5	10:05 PM - 10:10 PM	56.9	51.1	12:45 AM - 12:50 AM	49.6	48.6
07:30 PM - 07:35 PM	58.2	51.6	10:10 PM - 10:15 PM	55.6	50.3	12:50 AM - 12:55 AM	50.7	48.8
07:35 PM - 07:40 PM	58.2	51.6	10:15 PM - 10:20 PM	55.5	49.6	12:55 AM - 01:00 AM	54.6	49.5
07:40 PM - 07:45 PM	58.9	52.1	10:20 PM - 10:25 PM	57.6	50.6	01:00 AM - 01:05 AM	55.9	50.0
07:45 PM - 07:50 PM	58.6	50.9	10:25 PM - 10:30 PM	57.8	51.3	01:05 AM - 01:10 AM	55.9	49.9
07:50 PM - 07:55 PM	58.4	51.1	10:30 PM - 10:35 PM	57.4	50.3	01:10 AM - 01:15 AM	56.8	52.9
07:55 PM - 08:00 PM	58.3	51.1	10:35 PM - 10:40 PM	58.7	51.1	01:15 AM - 01:20 AM	56.5	52.1
08:00 PM - 08:05 PM	59.4	52.8	10:40 PM - 10:45 PM	59.5	51.3	01:20 AM - 01:25 AM	56.0	49.8
08:05 PM - 08:10 PM	59.5	52.2	10:45 PM - 10:50 PM	58.1	50.6	01:25 AM - 01:30 AM	55.3	49.1
08:10 PM - 08:15 PM	58.6	51.0	10:50 PM - 10:55 PM	58.6	52.0	01:30 AM - 01:35 AM	55.9	49.3
08:15 PM - 08:20 PM	58.1	51.0	10:55 PM - 11:00 PM	55.6	49.3	01:35 AM - 01:40 AM	56.6	50.9
08:20 PM - 08:25 PM	57.3	51.5	11:00 PM - 11:05 PM	56.1	49.4	01:40 AM - 01:45 AM	57.7	52.7
08:25 PM - 08:30 PM	56.2	50.8	11:05 PM - 11:10 PM	57.0	49.7	01:45 AM - 01:50 AM	56.8	50.3
08:30 PM - 08:35 PM	54.8	50.1	11:10 PM - 11:15 PM	58.2	50.6	01:50 AM - 01:55 AM	52.7	48.3
08:35 PM - 08:40 PM	57.9	51.3	11:15 PM - 11:20 PM	58.5	50.7	01:55 AM - 02:00 AM	55.3	49.1

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory, ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jittrantont  
 Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2240032  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316600-1 C9

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Sample Number 2240032-10  
Parameter Noise Level (Leq 5 min)  
Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
Measurement Date May 07 - May 08, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00572609

May 08, 2022 Time	Leq dB(A)	L90 dB(A)	May 08, 2022 Time	Leq dB(A)	L90 dB(A)	May 08, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	57.1	51.8	04:40 AM - 04:45 AM	63.5	60.6	07:20 AM - 07:25 AM	62.2	59.5
02:05 AM - 02:10 AM	58.1	53.3	04:45 AM - 04:50 AM	62.7	58.6	07:25 AM - 07:30 AM	61.6	56.9
02:10 AM - 02:15 AM	59.0	54.2	04:50 AM - 04:55 AM	63.4	60.9	07:30 AM - 07:35 AM	62.0	59.8
02:15 AM - 02:20 AM	59.1	54.3	04:55 AM - 05:00 AM	60.6	56.2	07:35 AM - 07:40 AM	60.4	52.8
02:20 AM - 02:25 AM	58.4	52.2	05:00 AM - 05:05 AM	62.4	59.2	07:40 AM - 07:45 AM	62.4	58.1
02:25 AM - 02:30 AM	58.1	53.0	05:05 AM - 05:10 AM	63.6	60.5	07:45 AM - 07:50 AM	60.8	49.8
02:30 AM - 02:35 AM	59.5	55.0	05:10 AM - 05:15 AM	63.1	60.5	07:50 AM - 07:55 AM	55.3	48.3
02:35 AM - 02:40 AM	61.0	56.9	05:15 AM - 05:20 AM	63.0	59.7	07:55 AM - 08:00 AM	54.3	48.2
02:40 AM - 02:45 AM	61.5	57.6	05:20 AM - 05:25 AM	64.0	61.7	08:00 AM - 08:05 AM	59.4	51.9
02:45 AM - 02:50 AM	62.3	58.8	05:25 AM - 05:30 AM	63.7	61.0	08:05 AM - 08:10 AM	58.5	56.4
02:50 AM - 02:55 AM	59.8	54.6	05:30 AM - 05:35 AM	63.7	61.1	08:10 AM - 08:15 AM	59.8	49.4
02:55 AM - 03:00 AM	60.0	55.3	05:35 AM - 05:40 AM	63.6	60.9	08:15 AM - 08:20 AM	58.8	49.0
03:00 AM - 03:05 AM	61.9	57.9	05:40 AM - 05:45 AM	63.7	61.0	08:20 AM - 08:25 AM	60.1	50.3
03:05 AM - 03:10 AM	62.8	60.4	05:45 AM - 05:50 AM	63.7	61.7	08:25 AM - 08:30 AM	60.4	50.6
03:10 AM - 03:15 AM	62.1	55.1	05:50 AM - 05:55 AM	64.5	62.1	08:30 AM - 08:35 AM	60.8	54.7
03:15 AM - 03:20 AM	63.0	60.5	05:55 AM - 06:00 AM	63.4	59.3	08:35 AM - 08:40 AM	59.2	50.0
03:20 AM - 03:25 AM	61.9	51.4	06:00 AM - 06:05 AM	64.6	62.8	08:40 AM - 08:45 AM	60.9	54.4
03:25 AM - 03:30 AM	60.7	54.6	06:05 AM - 06:10 AM	63.8	60.8	08:45 AM - 08:50 AM	59.5	49.5
03:30 AM - 03:35 AM	59.8	55.9	06:10 AM - 06:15 AM	63.5	60.0	08:50 AM - 08:55 AM	60.4	52.7
03:35 AM - 03:40 AM	58.3	54.1	06:15 AM - 06:20 AM	63.9	61.2	08:55 AM - 09:00 AM	59.8	51.4
03:40 AM - 03:45 AM	59.1	56.3	06:20 AM - 06:25 AM	64.9	62.6	09:00 AM - 09:05 AM	61.0	54.6
03:45 AM - 03:50 AM	59.6	56.9	06:25 AM - 06:30 AM	64.1	58.7	09:05 AM - 09:10 AM	61.0	52.8
03:50 AM - 03:55 AM	60.1	57.6	06:30 AM - 06:35 AM	63.9	60.4	09:10 AM - 09:15 AM	59.0	56.1
03:55 AM - 04:00 AM	59.9	57.1	06:35 AM - 06:40 AM	64.4	62.4	09:15 AM - 09:20 AM	58.4	54.6
04:00 AM - 04:05 AM	59.8	56.4	06:40 AM - 06:45 AM	64.5	62.2	09:20 AM - 09:25 AM	58.5	54.8
04:05 AM - 04:10 AM	60.1	56.9	06:45 AM - 06:50 AM	64.4	61.9	09:25 AM - 09:30 AM	57.6	54.0
04:10 AM - 04:15 AM	58.9	56.4	06:50 AM - 06:55 AM	64.5	62.2	09:30 AM - 09:35 AM	55.1	51.9
04:15 AM - 04:20 AM	60.2	56.2	06:55 AM - 07:00 AM	64.5	62.2	09:35 AM - 09:40 AM	57.9	54.5
04:20 AM - 04:25 AM	61.0	57.7	07:00 AM - 07:05 AM	64.7	62.4	09:40 AM - 09:45 AM	59.2	55.6
04:25 AM - 04:30 AM	60.7	56.8	07:05 AM - 07:10 AM	64.4	61.7	09:45 AM - 09:50 AM	59.6	56.6
04:30 AM - 04:35 AM	61.2	57.2	07:10 AM - 07:15 AM	63.0	60.7	09:50 AM - 09:55 AM	59.4	55.7
04:35 AM - 04:40 AM	60.8	56.8	07:15 AM - 07:20 AM	62.1	59.8	09:55 AM - 10:00 AM	59.6	56.4

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2240032  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316601-1 C9

Page 1 of 3

Sample Number 2240032-11  
Parameter Noise Level (Leq 5 min)  
Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
Measurement Date May 08 - May 09, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00572609

May 08, 2022 Time	Leq dB(A)	L90 dB(A)	May 08, 2022 Time	Leq dB(A)	L90 dB(A)	May 08, 2022 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	59.9	56.4	12:40 PM - 12:45 PM	64.6	62.4	03:20 PM - 03:25 PM	61.3	53.8
10:05 AM - 10:10 AM	59.4	55.8	12:45 PM - 12:50 PM	64.2	61.9	03:25 PM - 03:30 PM	58.6	53.8
10:10 AM - 10:15 AM	56.7	51.6	12:50 PM - 12:55 PM	62.2	58.3	03:30 PM - 03:35 PM	60.2	54.6
10:15 AM - 10:20 AM	57.2	55.1	12:55 PM - 01:00 PM	62.6	58.3	03:35 PM - 03:40 PM	57.7	53.7
10:20 AM - 10:25 AM	58.6	55.2	01:00 PM - 01:05 PM	62.2	56.7	03:40 PM - 03:45 PM	55.1	52.8
10:25 AM - 10:30 AM	59.9	55.2	01:05 PM - 01:10 PM	63.0	59.5	03:45 PM - 03:50 PM	60.0	52.6
10:30 AM - 10:35 AM	63.8	58.9	01:10 PM - 01:15 PM	62.8	59.2	03:50 PM - 03:55 PM	58.3	52.2
10:35 AM - 10:40 AM	61.1	56.3	01:15 PM - 01:20 PM	63.0	59.1	03:55 PM - 04:00 PM	53.7	51.1
10:40 AM - 10:45 AM	60.9	56.1	01:20 PM - 01:25 PM	63.1	59.8	04:00 PM - 04:05 PM	55.8	51.1
10:45 AM - 10:50 AM	61.3	57.3	01:25 PM - 01:30 PM	63.0	59.8	04:05 PM - 04:10 PM	56.2	51.3
10:50 AM - 10:55 AM	61.4	57.8	01:30 PM - 01:35 PM	61.9	54.6	04:10 PM - 04:15 PM	56.8	51.2
10:55 AM - 11:00 AM	61.8	57.9	01:35 PM - 01:40 PM	62.0	56.7	04:15 PM - 04:20 PM	54.8	50.2
11:00 AM - 11:05 AM	62.0	58.3	01:40 PM - 01:45 PM	56.0	51.7	04:20 PM - 04:25 PM	52.7	49.7
11:05 AM - 11:10 AM	62.2	58.3	01:45 PM - 01:50 PM	55.9	53.9	04:25 PM - 04:30 PM	54.5	50.0
11:10 AM - 11:15 AM	62.3	58.2	01:50 PM - 01:55 PM	57.0	54.3	04:30 PM - 04:35 PM	56.2	51.6
11:15 AM - 11:20 AM	62.3	57.7	01:55 PM - 02:00 PM	57.4	55.3	04:35 PM - 04:40 PM	54.6	49.6
11:20 AM - 11:25 AM	62.4	56.7	02:00 PM - 02:05 PM	56.8	54.8	04:40 PM - 04:45 PM	54.8	50.3
11:25 AM - 11:30 AM	64.1	60.6	02:05 PM - 02:10 PM	57.1	55.1	04:45 PM - 04:50 PM	52.4	49.8
11:30 AM - 11:35 AM	64.5	61.4	02:10 PM - 02:15 PM	59.4	55.8	04:50 PM - 04:55 PM	52.5	49.0
11:35 AM - 11:40 AM	65.1	62.5	02:15 PM - 02:20 PM	59.7	56.0	04:55 PM - 05:00 PM	52.0	49.1
11:40 AM - 11:45 AM	64.8	61.9	02:20 PM - 02:25 PM	58.4	55.5	05:00 PM - 05:05 PM	52.3	49.3
11:45 AM - 11:50 AM	64.8	61.8	02:25 PM - 02:30 PM	59.0	55.8	05:05 PM - 05:10 PM	52.1	49.2
11:50 AM - 11:55 AM	62.4	57.7	02:30 PM - 02:35 PM	60.0	56.2	05:10 PM - 05:15 PM	52.2	49.5
11:55 AM - 12:00 PM	62.1	57.5	02:35 PM - 02:40 PM	59.9	56.1	05:15 PM - 05:20 PM	52.5	49.7
12:00 PM - 12:05 PM	62.0	58.2	02:40 PM - 02:45 PM	59.6	54.5	05:20 PM - 05:25 PM	51.9	49.2
12:05 PM - 12:10 PM	62.3	58.5	02:45 PM - 02:50 PM	58.7	53.2	05:25 PM - 05:30 PM	49.6	47.5
12:10 PM - 12:15 PM	62.5	59.1	02:50 PM - 02:55 PM	59.1	54.2	05:30 PM - 05:35 PM	50.9	48.0
12:15 PM - 12:20 PM	62.4	58.4	02:55 PM - 03:00 PM	62.0	54.4	05:35 PM - 05:40 PM	50.4	48.0
12:20 PM - 12:25 PM	61.7	56.1	03:00 PM - 03:05 PM	57.6	54.9	05:40 PM - 05:45 PM	50.1	48.1
12:25 PM - 12:30 PM	64.2	61.6	03:05 PM - 03:10 PM	58.4	55.6	05:45 PM - 05:50 PM	49.2	48.0
12:30 PM - 12:35 PM	64.4	61.3	03:10 PM - 03:15 PM	60.1	54.7	05:50 PM - 05:55 PM	49.3	47.9
12:35 PM - 12:40 PM	63.3	59.4	03:15 PM - 03:20 PM	63.2	55.2	05:55 PM - 06:00 PM	49.8	48.4

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2240032

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316601-1 C9

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Sample Number 2240032-11  
 Parameter Noise Level (Leq 5 min)  
 Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
 Measurement Date May 08 - May 09, 2022  
 Measurement by Teeravut Sukdee  
 Sound Level meter Serial No. 00572609

May 08, 2022 Time	Leq dB(A)	L90 dB(A)	May 08, 2022 Time	Leq dB(A)	L90 dB(A)	May 08 - May 09, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	49.8	48.4	08:40 PM - 08:45 PM	53.2	49.2	11:20 PM - 11:25 PM	57.0	52.0
06:05 PM - 06:10 PM	51.4	49.4	08:45 PM - 08:50 PM	51.1	48.7	11:25 PM - 11:30 PM	54.8	50.4
06:10 PM - 06:15 PM	49.6	48.4	08:50 PM - 08:55 PM	51.4	47.8	11:30 PM - 11:35 PM	52.8	48.5
06:15 PM - 06:20 PM	50.0	48.6	08:55 PM - 09:00 PM	51.8	49.2	11:35 PM - 11:40 PM	52.2	48.9
06:20 PM - 06:25 PM	50.1	48.6	09:00 PM - 09:05 PM	50.7	48.8	11:40 PM - 11:45 PM	60.6	50.2
06:25 PM - 06:30 PM	53.0	48.5	09:05 PM - 09:10 PM	55.6	48.9	11:45 PM - 11:50 PM	58.5	48.7
06:30 PM - 06:35 PM	53.4	49.3	09:10 PM - 09:15 PM	51.2	48.6	11:50 PM - 11:55 PM	53.5	48.8
06:35 PM - 06:40 PM	50.2	48.5	09:15 PM - 09:20 PM	50.5	48.4	11:55 PM - 12:00 AM	50.1	48.2
06:40 PM - 06:45 PM	53.1	50.3	09:20 PM - 09:25 PM	54.2	50.7	12:00 AM - 12:05 AM	52.9	50.0
06:45 PM - 06:50 PM	50.1	48.4	09:25 PM - 09:30 PM	53.9	49.9	12:05 AM - 12:10 AM	51.6	49.4
06:50 PM - 06:55 PM	50.3	48.9	09:30 PM - 09:35 PM	52.5	49.6	12:10 AM - 12:15 AM	54.1	51.4
06:55 PM - 07:00 PM	50.3	48.1	09:35 PM - 09:40 PM	52.1	49.9	12:15 AM - 12:20 AM	53.9	50.7
07:00 PM - 07:05 PM	50.1	48.8	09:40 PM - 09:45 PM	51.3	49.4	12:20 AM - 12:25 AM	56.6	52.3
07:05 PM - 07:10 PM	50.2	47.9	09:45 PM - 09:50 PM	50.8	49.3	12:25 AM - 12:30 AM	55.8	50.5
07:10 PM - 07:15 PM	52.2	48.9	09:50 PM - 09:55 PM	53.2	49.9	12:30 AM - 12:35 AM	53.9	48.6
07:15 PM - 07:20 PM	54.7	48.5	09:55 PM - 10:00 PM	53.6	50.4	12:35 AM - 12:40 AM	59.3	52.2
07:20 PM - 07:25 PM	51.1	48.4	10:00 PM - 10:05 PM	54.3	50.5	12:40 AM - 12:45 AM	55.8	49.7
07:25 PM - 07:30 PM	50.3	48.4	10:05 PM - 10:10 PM	52.2	49.0	12:45 AM - 12:50 AM	53.3	50.7
07:30 PM - 07:35 PM	49.5	47.9	10:10 PM - 10:15 PM	52.2	48.3	12:50 AM - 12:55 AM	54.6	50.3
07:35 PM - 07:40 PM	52.0	48.6	10:15 PM - 10:20 PM	54.0	49.9	12:55 AM - 01:00 AM	54.2	50.3
07:40 PM - 07:45 PM	50.2	48.4	10:20 PM - 10:25 PM	56.1	50.3	01:00 AM - 01:05 AM	55.7	51.1
07:45 PM - 07:50 PM	54.0	50.8	10:25 PM - 10:30 PM	57.0	52.3	01:05 AM - 01:10 AM	53.6	50.9
07:50 PM - 07:55 PM	51.7	48.8	10:30 PM - 10:35 PM	56.4	51.4	01:10 AM - 01:15 AM	58.1	51.0
07:55 PM - 08:00 PM	49.7	48.4	10:35 PM - 10:40 PM	54.3	50.1	01:15 AM - 01:20 AM	56.4	51.2
08:00 PM - 08:05 PM	53.0	48.6	10:40 PM - 10:45 PM	55.7	51.7	01:20 AM - 01:25 AM	54.1	51.2
08:05 PM - 08:10 PM	52.7	48.0	10:45 PM - 10:50 PM	55.3	51.6	01:25 AM - 01:30 AM	55.3	51.0
08:10 PM - 08:15 PM	51.4	49.0	10:50 PM - 10:55 PM	56.3	50.1	01:30 AM - 01:35 AM	56.9	52.2
08:15 PM - 08:20 PM	53.0	48.5	10:55 PM - 11:00 PM	55.1	51.6	01:35 AM - 01:40 AM	53.3	50.3
08:20 PM - 08:25 PM	50.1	48.0	11:00 PM - 11:05 PM	54.1	50.8	01:40 AM - 01:45 AM	61.8	52.0
08:25 PM - 08:30 PM	53.2	48.9	11:05 PM - 11:10 PM	55.6	51.2	01:45 AM - 01:50 AM	55.6	52.1
08:30 PM - 08:35 PM	55.0	49.8	11:10 PM - 11:15 PM	57.1	52.7	01:50 AM - 01:55 AM	51.9	49.5
08:35 PM - 08:40 PM	54.1	50.4	11:15 PM - 11:20 PM	54.0	51.4	01:55 AM - 02:00 AM	53.4	50.2

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2240032

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316601-1 C9

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Sample Number 2240032-11  
 Parameter Noise Level (Leq 5 min)  
 Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
 Measurement Date May 08 - May 09, 2022  
 Measurement by Teeravut Sukdee  
 Sound Level meter Serial No. 00572609

May 09, 2022 Time	Leq dB(A)	L90 dB(A)	May 09, 2022 Time	Leq dB(A)	L90 dB(A)	May 09, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	59.3	53.6	04:40 AM - 04:45 AM	50.7	47.6	07:20 AM - 07:25 AM	49.1	46.7
02:05 AM - 02:10 AM	54.2	51.6	04:45 AM - 04:50 AM	49.5	47.0	07:25 AM - 07:30 AM	55.8	47.2
02:10 AM - 02:15 AM	54.4	50.6	04:50 AM - 04:55 AM	48.5	46.9	07:30 AM - 07:35 AM	53.0	47.4
02:15 AM - 02:20 AM	56.7	51.0	04:55 AM - 05:00 AM	48.7	46.5	07:35 AM - 07:40 AM	49.5	47.1
02:20 AM - 02:25 AM	59.5	50.5	05:00 AM - 05:05 AM	48.8	46.1	07:40 AM - 07:45 AM	48.2	46.1
02:25 AM - 02:30 AM	53.4	50.4	05:05 AM - 05:10 AM	48.1	45.9	07:45 AM - 07:50 AM	49.0	46.7
02:30 AM - 02:35 AM	51.9	48.2	05:10 AM - 05:15 AM	49.1	46.0	07:50 AM - 07:55 AM	51.6	47.1
02:35 AM - 02:40 AM	53.6	50.7	05:15 AM - 05:20 AM	52.2	46.5	07:55 AM - 08:00 AM	50.1	46.8
02:40 AM - 02:45 AM	56.2	51.4	05:20 AM - 05:25 AM	51.2	47.7	08:00 AM - 08:05 AM	51.7	48.2
02:45 AM - 02:50 AM	55.3	51.2	05:25 AM - 05:30 AM	49.8	47.4	08:05 AM - 08:10 AM	50.0	47.5
02:50 AM - 02:55 AM	57.5	49.3	05:30 AM - 05:35 AM	54.3	46.4	08:10 AM - 08:15 AM	50.3	46.5
02:55 AM - 03:00 AM	56.2	50.3	05:35 AM - 05:40 AM	49.7	46.1	08:15 AM - 08:20 AM	48.9	46.5
03:00 AM - 03:05 AM	57.8	51.4	05:40 AM - 05:45 AM	50.1	47.2	08:20 AM - 08:25 AM	49.9	46.8
03:05 AM - 03:10 AM	57.9	51.8	05:45 AM - 05:50 AM	50.4	46.7	08:25 AM - 08:30 AM	49.2	45.5
03:10 AM - 03:15 AM	53.9	50.0	05:50 AM - 05:55 AM	49.7	46.2	08:30 AM - 08:35 AM	47.6	46.1
03:15 AM - 03:20 AM	55.7	51.5	05:55 AM - 06:00 AM	49.4	46.4	08:35 AM - 08:40 AM	47.0	45.8
03:20 AM - 03:25 AM	58.6	53.3	06:00 AM - 06:05 AM	49.7	47.3	08:40 AM - 08:45 AM	49.5	46.7
03:25 AM - 03:30 AM	57.1	50.5	06:05 AM - 06:10 AM	48.0	46.3	08:45 AM - 08:50 AM	48.7	46.3
03:30 AM - 03:35 AM	60.6	51.9	06:10 AM - 06:15 AM	48.0	46.3	08:50 AM - 08:55 AM	48.7	46.5
03:35 AM - 03:40 AM	56.5	52.4	06:15 AM - 06:20 AM	48.7	46.8	08:55 AM - 09:00 AM	52.5	45.8
03:40 AM - 03:45 AM	55.2	52.7	06:20 AM - 06:25 AM	52.2	48.5	09:00 AM - 09:05 AM	51.1	45.6
03:45 AM - 03:50 AM	57.4	48.3	06:25 AM - 06:30 AM	50.3	47.4	09:05 AM - 09:10 AM	49.9	46.8
03:50 AM - 03:55 AM	51.8	49.3	06:30 AM - 06:35 AM	51.9	47.9	09:10 AM - 09:15 AM	48.6	46.7
03:55 AM - 04:00 AM	52.4	49.0	06:35 AM - 06:40 AM	50.1	47.8	09:15 AM - 09:20 AM	48.6	46.7
04:00 AM - 04:05 AM	50.8	48.4	06:40 AM - 06:45 AM	48.5	46.3	09:20 AM - 09:25 AM	47.2	45.8
04:05 AM - 04:10 AM	49.7	47.5	06:45 AM - 06:50 AM	49.3	46.4	09:25 AM - 09:30 AM	49.1	46.1
04:10 AM - 04:15 AM	52.9	49.5	06:50 AM - 06:55 AM	48.7	46.6	09:30 AM - 09:35 AM	49.7	47.7
04:15 AM - 04:20 AM	51.1	48.4	06:55 AM - 07:00 AM	48.3	46.4	09:35 AM - 09:40 AM	49.3	46.1
04:20 AM - 04:25 AM	53.0	49.1	07:00 AM - 07:05 AM	50.2	46.5	09:40 AM - 09:45 AM	48.7	46.1
04:25 AM - 04:30 AM	51.6	47.2	07:05 AM - 07:10 AM	48.0	46.6	09:45 AM - 09:50 AM	47.1	45.7
04:30 AM - 04:35 AM	49.9	46.9	07:10 AM - 07:15 AM	48.6	46.3	09:50 AM - 09:55 AM	46.5	45.3
04:35 AM - 04:40 AM	50.9	48.6	07:15 AM - 07:20 AM	52.4	46.6	09:55 AM - 10:00 AM	47.7	45.8

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2240032  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316602-1 C9

Page 1 of 3

Sample Number 2240032-12  
Parameter Noise Level (Leq 5 min)  
Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
Measurement Date May 09 - May 10, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00572609

May 09, 2022 Time	Leq dB(A)	L90 dB(A)	May 09, 2022 Time	Leq dB(A)	L90 dB(A)	May 09, 2022 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	48.8	46.8	12:40 PM - 12:45 PM	47.1	45.7	03:20 PM - 03:25 PM	47.7	45.4
10:05 AM - 10:10 AM	50.6	46.5	12:45 PM - 12:50 PM	46.8	45.3	03:25 PM - 03:30 PM	52.0	45.9
10:10 AM - 10:15 AM	48.1	46.0	12:50 PM - 12:55 PM	48.3	46.5	03:30 PM - 03:35 PM	48.9	45.8
10:15 AM - 10:20 AM	47.5	46.1	12:55 PM - 01:00 PM	47.9	46.1	03:35 PM - 03:40 PM	60.0	46.6
10:20 AM - 10:25 AM	50.0	46.7	01:00 PM - 01:05 PM	48.2	46.0	03:40 PM - 03:45 PM	55.1	47.2
10:25 AM - 10:30 AM	46.9	45.4	01:05 PM - 01:10 PM	48.8	47.2	03:45 PM - 03:50 PM	54.5	45.7
10:30 AM - 10:35 AM	47.6	46.0	01:10 PM - 01:15 PM	47.9	46.0	03:50 PM - 03:55 PM	46.9	45.0
10:35 AM - 10:40 AM	48.6	46.1	01:15 PM - 01:20 PM	48.8	46.8	03:55 PM - 04:00 PM	47.1	45.3
10:40 AM - 10:45 AM	47.9	45.7	01:20 PM - 01:25 PM	47.9	45.2	04:00 PM - 04:05 PM	47.9	45.5
10:45 AM - 10:50 AM	47.3	45.7	01:25 PM - 01:30 PM	46.6	45.3	04:05 PM - 04:10 PM	49.3	46.6
10:50 AM - 10:55 AM	50.1	47.0	01:30 PM - 01:35 PM	46.0	44.8	04:10 PM - 04:15 PM	54.0	46.0
10:55 AM - 11:00 AM	49.5	47.6	01:35 PM - 01:40 PM	47.0	45.9	04:15 PM - 04:20 PM	48.3	46.6
11:00 AM - 11:05 AM	49.6	46.3	01:40 PM - 01:45 PM	50.4	46.3	04:20 PM - 04:25 PM	51.8	47.3
11:05 AM - 11:10 AM	50.0	46.2	01:45 PM - 01:50 PM	48.4	45.6	04:25 PM - 04:30 PM	49.2	47.3
11:10 AM - 11:15 AM	53.2	48.4	01:50 PM - 01:55 PM	48.0	45.3	04:30 PM - 04:35 PM	48.9	46.7
11:15 AM - 11:20 AM	49.4	46.8	01:55 PM - 02:00 PM	46.9	45.6	04:35 PM - 04:40 PM	49.3	47.1
11:20 AM - 11:25 AM	47.8	46.2	02:00 PM - 02:05 PM	49.3	46.9	04:40 PM - 04:45 PM	48.6	47.1
11:25 AM - 11:30 AM	48.8	45.9	02:05 PM - 02:10 PM	54.4	46.8	04:45 PM - 04:50 PM	48.7	46.9
11:30 AM - 11:35 AM	48.4	45.9	02:10 PM - 02:15 PM	54.4	48.2	04:50 PM - 04:55 PM	48.4	47.0
11:35 AM - 11:40 AM	46.5	45.3	02:15 PM - 02:20 PM	49.6	46.0	04:55 PM - 05:00 PM	53.0	47.2
11:40 AM - 11:45 AM	52.3	47.0	02:20 PM - 02:25 PM	50.3	45.7	05:00 PM - 05:05 PM	49.3	47.0
11:45 AM - 11:50 AM	49.3	46.9	02:25 PM - 02:30 PM	48.7	46.7	05:05 PM - 05:10 PM	48.1	46.5
11:50 AM - 11:55 AM	48.4	46.1	02:30 PM - 02:35 PM	47.5	46.1	05:10 PM - 05:15 PM	48.5	46.0
11:55 AM - 12:00 PM	47.3	46.0	02:35 PM - 02:40 PM	48.8	45.0	05:15 PM - 05:20 PM	48.3	46.2
12:00 PM - 12:05 PM	49.8	46.5	02:40 PM - 02:45 PM	47.4	45.6	05:20 PM - 05:25 PM	47.6	45.3
12:05 PM - 12:10 PM	50.6	47.0	02:45 PM - 02:50 PM	46.7	45.5	05:25 PM - 05:30 PM	47.5	45.7
12:10 PM - 12:15 PM	49.7	47.4	02:50 PM - 02:55 PM	46.1	44.8	05:30 PM - 05:35 PM	47.0	45.6
12:15 PM - 12:20 PM	48.1	46.2	02:55 PM - 03:00 PM	46.3	45.1	05:35 PM - 05:40 PM	48.7	46.2
12:20 PM - 12:25 PM	46.6	45.6	03:00 PM - 03:05 PM	47.3	45.2	05:40 PM - 05:45 PM	47.5	45.8
12:25 PM - 12:30 PM	47.3	45.9	03:05 PM - 03:10 PM	47.0	46.0	05:45 PM - 05:50 PM	46.3	44.8
12:30 PM - 12:35 PM	57.1	47.7	03:10 PM - 03:15 PM	46.2	45.2	05:50 PM - 05:55 PM	47.4	45.9
12:35 PM - 12:40 PM	50.3	47.7	03:15 PM - 03:20 PM	48.1	45.4	05:55 PM - 06:00 PM	49.2	45.6

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2240032

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316602-1 C9

Page 2 of 3

Sample Number 2240032-12  
 Parameter Noise Level (Leq 5 min)  
 Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
 Measurement Date May 09 - May 10, 2022  
 Measurement by Teeravut Sukdee  
 Sound Level meter Serial No. 00572609

May 09, 2022 Time	Leq dB(A)	L90 dB(A)	May 09, 2022 Time	Leq dB(A)	L90 dB(A)	May 09 - May 10, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	46.5	44.9	08:40 PM - 08:45 PM	48.6	46.8	11:20 PM - 11:25 PM	53.1	50.9
06:05 PM - 06:10 PM	48.6	46.6	08:45 PM - 08:50 PM	49.2	47.2	11:25 PM - 11:30 PM	51.2	49.0
06:10 PM - 06:15 PM	48.2	46.5	08:50 PM - 08:55 PM	48.9	47.1	11:30 PM - 11:35 PM	49.9	48.5
06:15 PM - 06:20 PM	48.8	47.1	08:55 PM - 09:00 PM	48.6	46.8	11:35 PM - 11:40 PM	49.9	48.2
06:20 PM - 06:25 PM	50.4	47.6	09:00 PM - 09:05 PM	54.0	48.8	11:40 PM - 11:45 PM	51.8	48.8
06:25 PM - 06:30 PM	49.0	46.0	09:05 PM - 09:10 PM	51.3	48.2	11:45 PM - 11:50 PM	50.9	49.0
06:30 PM - 06:35 PM	48.2	46.5	09:10 PM - 09:15 PM	53.1	49.7	11:50 PM - 11:55 PM	52.8	49.9
06:35 PM - 06:40 PM	49.4	47.1	09:15 PM - 09:20 PM	53.7	50.3	11:55 PM - 12:00 AM	54.4	50.0
06:40 PM - 06:45 PM	48.4	46.4	09:20 PM - 09:25 PM	53.8	50.6	12:00 AM - 12:05 AM	52.4	49.4
06:45 PM - 06:50 PM	49.5	47.8	09:25 PM - 09:30 PM	53.5	50.9	12:05 AM - 12:10 AM	53.6	49.8
06:50 PM - 06:55 PM	48.4	46.9	09:30 PM - 09:35 PM	53.1	50.3	12:10 AM - 12:15 AM	52.8	48.2
06:55 PM - 07:00 PM	48.6	46.3	09:35 PM - 09:40 PM	54.8	50.5	12:15 AM - 12:20 AM	56.6	52.1
07:00 PM - 07:05 PM	49.2	46.5	09:40 PM - 09:45 PM	55.3	51.8	12:20 AM - 12:25 AM	56.9	53.1
07:05 PM - 07:10 PM	48.3	46.2	09:45 PM - 09:50 PM	58.3	54.2	12:25 AM - 12:30 AM	58.2	55.9
07:10 PM - 07:15 PM	48.7	46.5	09:50 PM - 09:55 PM	63.8	56.7	12:30 AM - 12:35 AM	58.1	54.7
07:15 PM - 07:20 PM	51.7	47.9	09:55 PM - 10:00 PM	57.4	52.5	12:35 AM - 12:40 AM	59.4	56.0
07:20 PM - 07:25 PM	49.1	47.4	10:00 PM - 10:05 PM	57.4	54.1	12:40 AM - 12:45 AM	60.0	56.2
07:25 PM - 07:30 PM	49.9	46.7	10:05 PM - 10:10 PM	54.4	51.5	12:45 AM - 12:50 AM	60.6	57.0
07:30 PM - 07:35 PM	47.6	46.1	10:10 PM - 10:15 PM	52.4	50.3	12:50 AM - 12:55 AM	61.0	57.1
07:35 PM - 07:40 PM	50.9	47.0	10:15 PM - 10:20 PM	53.4	50.9	12:55 AM - 01:00 AM	62.9	58.7
07:40 PM - 07:45 PM	47.1	46.1	10:20 PM - 10:25 PM	53.4	51.3	01:00 AM - 01:05 AM	60.1	57.2
07:45 PM - 07:50 PM	49.8	46.7	10:25 PM - 10:30 PM	54.2	50.8	01:05 AM - 01:10 AM	59.6	57.1
07:50 PM - 07:55 PM	47.6	45.9	10:30 PM - 10:35 PM	51.7	49.6	01:10 AM - 01:15 AM	59.9	58.2
07:55 PM - 08:00 PM	46.9	45.6	10:35 PM - 10:40 PM	56.0	51.4	01:15 AM - 01:20 AM	59.9	57.0
08:00 PM - 08:05 PM	48.9	46.1	10:40 PM - 10:45 PM	56.2	51.1	01:20 AM - 01:25 AM	62.9	57.9
08:05 PM - 08:10 PM	49.1	47.1	10:45 PM - 10:50 PM	55.9	49.3	01:25 AM - 01:30 AM	64.4	58.1
08:10 PM - 08:15 PM	48.0	46.3	10:50 PM - 10:55 PM	50.2	48.5	01:30 AM - 01:35 AM	66.9	53.7
08:15 PM - 08:20 PM	47.6	45.7	10:55 PM - 11:00 PM	50.7	47.9	01:35 AM - 01:40 AM	57.1	52.7
08:20 PM - 08:25 PM	48.3	45.1	11:00 PM - 11:05 PM	49.9	48.6	01:40 AM - 01:45 AM	55.0	50.8
08:25 PM - 08:30 PM	49.6	46.8	11:05 PM - 11:10 PM	49.9	48.2	01:45 AM - 01:50 AM	59.4	54.7
08:30 PM - 08:35 PM	48.2	45.9	11:10 PM - 11:15 PM	48.7	46.9	01:50 AM - 01:55 AM	60.5	55.2
08:35 PM - 08:40 PM	48.6	47.1	11:15 PM - 11:20 PM	52.5	48.3	01:55 AM - 02:00 AM	62.5	57.2

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2240032  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316602-1 C9

Page 3 of 3

Sample Number 2240032-12  
Parameter Noise Level (Leq 5 min)  
Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
Measurement Date May 09 - May 10, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00572609

May 10, 2022 Time	Leq dB(A)	L90 dB(A)	May 10, 2022 Time	Leq dB(A)	L90 dB(A)	May 10, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	63.2	58.5	04:40 AM - 04:45 AM	62.3	56.8	07:20 AM - 07:25 AM	64.8	62.2
02:05 AM - 02:10 AM	63.4	58.7	04:45 AM - 04:50 AM	61.3	57.4	07:25 AM - 07:30 AM	64.9	62.2
02:10 AM - 02:15 AM	62.8	56.1	04:50 AM - 04:55 AM	60.8	57.3	07:30 AM - 07:35 AM	65.6	62.9
02:15 AM - 02:20 AM	62.5	55.2	04:55 AM - 05:00 AM	61.0	55.7	07:35 AM - 07:40 AM	64.7	60.0
02:20 AM - 02:25 AM	60.1	54.2	05:00 AM - 05:05 AM	62.4	55.7	07:40 AM - 07:45 AM	63.9	58.1
02:25 AM - 02:30 AM	59.9	54.0	05:05 AM - 05:10 AM	63.1	56.6	07:45 AM - 07:50 AM	67.5	65.0
02:30 AM - 02:35 AM	59.6	53.6	05:10 AM - 05:15 AM	62.1	55.2	07:50 AM - 07:55 AM	67.6	65.5
02:35 AM - 02:40 AM	59.0	53.1	05:15 AM - 05:20 AM	61.1	56.3	07:55 AM - 08:00 AM	67.7	65.7
02:40 AM - 02:45 AM	58.1	52.1	05:20 AM - 05:25 AM	60.2	51.3	08:00 AM - 08:05 AM	68.0	66.4
02:45 AM - 02:50 AM	55.7	50.7	05:25 AM - 05:30 AM	60.5	50.3	08:05 AM - 08:10 AM	68.1	66.6
02:50 AM - 02:55 AM	52.7	49.4	05:30 AM - 05:35 AM	60.0	49.2	08:10 AM - 08:15 AM	67.9	66.0
02:55 AM - 03:00 AM	53.5	51.2	05:35 AM - 05:40 AM	62.9	58.8	08:15 AM - 08:20 AM	64.8	55.8
03:00 AM - 03:05 AM	53.3	50.7	05:40 AM - 05:45 AM	62.4	51.6	08:20 AM - 08:25 AM	62.7	57.1
03:05 AM - 03:10 AM	54.7	49.3	05:45 AM - 05:50 AM	62.5	56.4	08:25 AM - 08:30 AM	62.9	58.0
03:10 AM - 03:15 AM	52.4	49.0	05:50 AM - 05:55 AM	60.2	53.6	08:30 AM - 08:35 AM	62.1	53.0
03:15 AM - 03:20 AM	53.1	50.5	05:55 AM - 06:00 AM	60.5	56.5	08:35 AM - 08:40 AM	62.3	54.3
03:20 AM - 03:25 AM	52.7	49.9	06:00 AM - 06:05 AM	61.5	57.3	08:40 AM - 08:45 AM	61.6	49.5
03:25 AM - 03:30 AM	52.6	50.0	06:05 AM - 06:10 AM	61.4	58.2	08:45 AM - 08:50 AM	64.9	51.2
03:30 AM - 03:35 AM	52.7	50.1	06:10 AM - 06:15 AM	61.1	57.7	08:50 AM - 08:55 AM	67.2	58.9
03:35 AM - 03:40 AM	52.8	49.8	06:15 AM - 06:20 AM	61.8	55.1	08:55 AM - 09:00 AM	56.3	49.5
03:40 AM - 03:45 AM	52.9	49.6	06:20 AM - 06:25 AM	61.9	56.4	09:00 AM - 09:05 AM	52.2	50.5
03:45 AM - 03:50 AM	52.5	49.2	06:25 AM - 06:30 AM	60.3	49.8	09:05 AM - 09:10 AM	59.0	51.0
03:50 AM - 03:55 AM	56.2	51.3	06:30 AM - 06:35 AM	62.2	55.8	09:10 AM - 09:15 AM	60.6	50.7
03:55 AM - 04:00 AM	54.4	50.1	06:35 AM - 06:40 AM	63.4	60.1	09:15 AM - 09:20 AM	53.2	50.9
04:00 AM - 04:05 AM	54.1	50.7	06:40 AM - 06:45 AM	62.7	59.3	09:20 AM - 09:25 AM	51.6	49.7
04:05 AM - 04:10 AM	53.4	50.0	06:45 AM - 06:50 AM	62.3	59.1	09:25 AM - 09:30 AM	51.2	49.4
04:10 AM - 04:15 AM	54.5	49.7	06:50 AM - 06:55 AM	62.5	59.3	09:30 AM - 09:35 AM	51.2	48.7
04:15 AM - 04:20 AM	53.2	50.0	06:55 AM - 07:00 AM	62.7	59.5	09:35 AM - 09:40 AM	53.4	49.2
04:20 AM - 04:25 AM	54.0	50.1	07:00 AM - 07:05 AM	63.0	59.6	09:40 AM - 09:45 AM	53.6	49.3
04:25 AM - 04:30 AM	58.9	52.9	07:05 AM - 07:10 AM	63.4	60.4	09:45 AM - 09:50 AM	54.6	49.9
04:30 AM - 04:35 AM	60.8	55.2	07:10 AM - 07:15 AM	63.7	60.8	09:50 AM - 09:55 AM	54.4	50.4
04:35 AM - 04:40 AM	61.4	55.4	07:15 AM - 07:20 AM	64.5	61.8	09:55 AM - 10:00 AM	53.8	50.4

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2240032  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316603-1 C9

Page 1 of 3

Sample Number 2240032-13  
Parameter Noise Level (Leq 5 min)  
Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
Measurement Date May 10 - May 11, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00572609

May 10, 2022 Time	Leq dB(A)	L90 dB(A)	May 10, 2022 Time	Leq dB(A)	L90 dB(A)	May 10, 2022 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	54.7	50.2	12:40 PM - 12:45 PM	48.9	46.9	03:20 PM - 03:25 PM	52.4	50.5
10:05 AM - 10:10 AM	54.4	50.5	12:45 PM - 12:50 PM	50.3	46.5	03:25 PM - 03:30 PM	56.7	51.8
10:10 AM - 10:15 AM	53.2	49.2	12:50 PM - 12:55 PM	49.0	46.7	03:30 PM - 03:35 PM	64.8	52.7
10:15 AM - 10:20 AM	52.8	49.7	12:55 PM - 01:00 PM	48.7	46.5	03:35 PM - 03:40 PM	55.0	50.7
10:20 AM - 10:25 AM	51.7	48.6	01:00 PM - 01:05 PM	54.0	46.9	03:40 PM - 03:45 PM	54.1	50.0
10:25 AM - 10:30 AM	53.6	50.0	01:05 PM - 01:10 PM	53.6	46.7	03:45 PM - 03:50 PM	55.8	50.3
10:30 AM - 10:35 AM	53.3	48.9	01:10 PM - 01:15 PM	50.1	46.3	03:50 PM - 03:55 PM	55.7	49.9
10:35 AM - 10:40 AM	52.9	48.9	01:15 PM - 01:20 PM	50.2	46.4	03:55 PM - 04:00 PM	54.0	49.7
10:40 AM - 10:45 AM	53.8	50.0	01:20 PM - 01:25 PM	49.5	46.3	04:00 PM - 04:05 PM	57.9	50.7
10:45 AM - 10:50 AM	55.1	50.9	01:25 PM - 01:30 PM	47.9	45.8	04:05 PM - 04:10 PM	64.5	59.4
10:50 AM - 10:55 AM	55.5	50.5	01:30 PM - 01:35 PM	49.1	45.5	04:10 PM - 04:15 PM	60.7	50.2
10:55 AM - 11:00 AM	54.8	49.5	01:35 PM - 01:40 PM	47.4	45.5	04:15 PM - 04:20 PM	50.8	48.9
11:00 AM - 11:05 AM	53.6	50.2	01:40 PM - 01:45 PM	48.2	46.1	04:20 PM - 04:25 PM	49.5	48.5
11:05 AM - 11:10 AM	55.6	51.3	01:45 PM - 01:50 PM	50.3	46.3	04:25 PM - 04:30 PM	50.9	48.3
11:10 AM - 11:15 AM	55.2	51.7	01:50 PM - 01:55 PM	49.5	46.0	04:30 PM - 04:35 PM	52.5	48.0
11:15 AM - 11:20 AM	54.6	51.1	01:55 PM - 02:00 PM	48.5	46.1	04:35 PM - 04:40 PM	51.8	48.0
11:20 AM - 11:25 AM	55.7	51.8	02:00 PM - 02:05 PM	49.1	47.2	04:40 PM - 04:45 PM	50.2	47.3
11:25 AM - 11:30 AM	54.2	51.3	02:05 PM - 02:10 PM	49.6	47.0	04:45 PM - 04:50 PM	50.3	47.5
11:30 AM - 11:35 AM	56.0	51.4	02:10 PM - 02:15 PM	49.2	46.8	04:50 PM - 04:55 PM	50.5	48.0
11:35 AM - 11:40 AM	56.7	51.5	02:15 PM - 02:20 PM	48.9	45.3	04:55 PM - 05:00 PM	55.0	47.4
11:40 AM - 11:45 AM	55.7	50.2	02:20 PM - 02:25 PM	49.2	46.8	05:00 PM - 05:05 PM	52.3	47.0
11:45 AM - 11:50 AM	52.1	49.3	02:25 PM - 02:30 PM	47.8	45.6	05:05 PM - 05:10 PM	51.1	47.3
11:50 AM - 11:55 AM	52.9	49.8	02:30 PM - 02:35 PM	46.1	44.3	05:10 PM - 05:15 PM	49.8	47.1
11:55 AM - 12:00 PM	53.8	48.9	02:35 PM - 02:40 PM	47.1	45.5	05:15 PM - 05:20 PM	55.7	47.7
12:00 PM - 12:05 PM	52.1	48.4	02:40 PM - 02:45 PM	48.5	46.3	05:20 PM - 05:25 PM	50.5	47.4
12:05 PM - 12:10 PM	50.8	48.0	02:45 PM - 02:50 PM	52.2	47.5	05:25 PM - 05:30 PM	50.2	47.5
12:10 PM - 12:15 PM	49.5	47.1	02:50 PM - 02:55 PM	48.7	47.1	05:30 PM - 05:35 PM	51.5	47.8
12:15 PM - 12:20 PM	50.4	47.4	02:55 PM - 03:00 PM	50.4	48.9	05:35 PM - 05:40 PM	51.1	47.7
12:20 PM - 12:25 PM	49.3	47.0	03:00 PM - 03:05 PM	52.3	49.1	05:40 PM - 05:45 PM	50.5	47.6
12:25 PM - 12:30 PM	49.1	46.7	03:05 PM - 03:10 PM	53.2	48.5	05:45 PM - 05:50 PM	49.5	47.6
12:30 PM - 12:35 PM	49.1	46.6	03:10 PM - 03:15 PM	51.4	48.9	05:50 PM - 05:55 PM	51.3	47.1
12:35 PM - 12:40 PM	49.3	46.7	03:15 PM - 03:20 PM	50.4	49.1	05:55 PM - 06:00 PM	49.3	46.8

Approved by

Sarayuth Jittrantont  
Assistant General Manager

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## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2240032

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316603-1 C9

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Sample Number 2240032-13  
 Parameter Noise Level (Leq 5 min)  
 Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
 Measurement Date May 10 - May 11, 2022  
 Measurement by Teeravut Sukdee  
 Sound Level meter Serial No. 00572609

May 10, 2022 Time	Leq dB(A)	L90 dB(A)	May 10, 2022 Time	Leq dB(A)	L90 dB(A)	May 10 - May 11, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	49.4	47.1	08:40 PM - 08:45 PM	50.7	48.5	11:20 PM - 11:25 PM	63.8	55.7
06:05 PM - 06:10 PM	51.1	47.0	08:45 PM - 08:50 PM	54.4	50.2	11:25 PM - 11:30 PM	58.8	55.8
06:10 PM - 06:15 PM	54.3	46.7	08:50 PM - 08:55 PM	52.8	49.9	11:30 PM - 11:35 PM	56.0	55.3
06:15 PM - 06:20 PM	49.3	46.0	08:55 PM - 09:00 PM	52.5	49.6	11:35 PM - 11:40 PM	55.8	55.2
06:20 PM - 06:25 PM	49.1	46.3	09:00 PM - 09:05 PM	56.1	50.3	11:40 PM - 11:45 PM	55.8	55.2
06:25 PM - 06:30 PM	49.2	46.9	09:05 PM - 09:10 PM	56.7	51.9	11:45 PM - 11:50 PM	55.8	55.1
06:30 PM - 06:35 PM	51.1	47.8	09:10 PM - 09:15 PM	51.9	48.8	11:50 PM - 11:55 PM	55.6	54.9
06:35 PM - 06:40 PM	50.4	47.9	09:15 PM - 09:20 PM	50.4	48.8	11:55 PM - 12:00 AM	55.6	54.8
06:40 PM - 06:45 PM	49.3	47.3	09:20 PM - 09:25 PM	50.6	49.1	12:00 AM - 12:05 AM	56.6	55.0
06:45 PM - 06:50 PM	49.5	47.0	09:25 PM - 09:30 PM	66.0	50.1	12:05 AM - 12:10 AM	59.4	55.3
06:50 PM - 06:55 PM	48.6	46.3	09:30 PM - 09:35 PM	67.1	52.1	12:10 AM - 12:15 AM	61.2	56.3
06:55 PM - 07:00 PM	48.5	46.7	09:35 PM - 09:40 PM	52.3	50.5	12:15 AM - 12:20 AM	59.7	55.2
07:00 PM - 07:05 PM	47.6	45.8	09:40 PM - 09:45 PM	52.5	49.8	12:20 AM - 12:25 AM	60.6	55.4
07:05 PM - 07:10 PM	48.0	46.4	09:45 PM - 09:50 PM	52.5	50.5	12:25 AM - 12:30 AM	58.1	54.6
07:10 PM - 07:15 PM	52.3	47.0	09:50 PM - 09:55 PM	51.4	49.9	12:30 AM - 12:35 AM	58.7	54.9
07:15 PM - 07:20 PM	49.5	46.9	09:55 PM - 10:00 PM	51.4	50.3	12:35 AM - 12:40 AM	58.0	54.9
07:20 PM - 07:25 PM	51.7	47.6	10:00 PM - 10:05 PM	52.2	50.2	12:40 AM - 12:45 AM	59.0	56.0
07:25 PM - 07:30 PM	52.7	48.2	10:05 PM - 10:10 PM	54.3	51.6	12:45 AM - 12:50 AM	58.3	54.9
07:30 PM - 07:35 PM	51.9	49.0	10:10 PM - 10:15 PM	53.2	50.9	12:50 AM - 12:55 AM	58.1	53.5
07:35 PM - 07:40 PM	49.9	47.8	10:15 PM - 10:20 PM	55.5	51.6	12:55 AM - 01:00 AM	59.3	54.6
07:40 PM - 07:45 PM	50.5	47.5	10:20 PM - 10:25 PM	54.2	51.5	01:00 AM - 01:05 AM	59.5	55.4
07:45 PM - 07:50 PM	53.2	47.7	10:25 PM - 10:30 PM	53.7	51.1	01:05 AM - 01:10 AM	59.6	55.4
07:50 PM - 07:55 PM	50.5	48.0	10:30 PM - 10:35 PM	54.6	51.2	01:10 AM - 01:15 AM	59.5	55.5
07:55 PM - 08:00 PM	49.4	47.8	10:35 PM - 10:40 PM	54.5	51.1	01:15 AM - 01:20 AM	59.3	54.8
08:00 PM - 08:05 PM	50.5	47.8	10:40 PM - 10:45 PM	55.9	52.6	01:20 AM - 01:25 AM	59.2	54.9
08:05 PM - 08:10 PM	51.0	47.8	10:45 PM - 10:50 PM	57.5	54.9	01:25 AM - 01:30 AM	58.5	53.0
08:10 PM - 08:15 PM	50.8	47.9	10:50 PM - 10:55 PM	58.3	54.6	01:30 AM - 01:35 AM	56.4	51.6
08:15 PM - 08:20 PM	51.8	48.1	10:55 PM - 11:00 PM	57.4	55.0	01:35 AM - 01:40 AM	53.6	50.9
08:20 PM - 08:25 PM	50.6	48.4	11:00 PM - 11:05 PM	57.6	56.4	01:40 AM - 01:45 AM	56.0	51.4
08:25 PM - 08:30 PM	51.2	48.4	11:05 PM - 11:10 PM	59.0	55.8	01:45 AM - 01:50 AM	55.4	51.2
08:30 PM - 08:35 PM	53.5	48.4	11:10 PM - 11:15 PM	57.5	55.5	01:50 AM - 01:55 AM	58.6	52.1
08:35 PM - 08:40 PM	53.9	48.5	11:15 PM - 11:20 PM	68.3	56.0	01:55 AM - 02:00 AM	57.7	51.6

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2240032  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316603-1 C9

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Sample Number 2240032-13  
Parameter Noise Level (Leq 5 min)  
Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
Measurement Date May 10 - May 11, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00572609

May 11, 2022 Time	Leq dB(A)	L90 dB(A)	May 11, 2022 Time	Leq dB(A)	L90 dB(A)	May 11, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	58.6	51.6	04:40 AM - 04:45 AM	60.1	54.7	07:20 AM - 07:25 AM	62.0	59.0
02:05 AM - 02:10 AM	59.9	54.0	04:45 AM - 04:50 AM	61.0	57.0	07:25 AM - 07:30 AM	61.0	56.6
02:10 AM - 02:15 AM	57.0	50.1	04:50 AM - 04:55 AM	61.2	57.4	07:30 AM - 07:35 AM	59.3	55.9
02:15 AM - 02:20 AM	56.9	51.2	04:55 AM - 05:00 AM	61.4	57.8	07:35 AM - 07:40 AM	64.1	56.9
02:20 AM - 02:25 AM	58.4	53.4	05:00 AM - 05:05 AM	61.4	56.8	07:40 AM - 07:45 AM	58.9	54.8
02:25 AM - 02:30 AM	58.2	51.1	05:05 AM - 05:10 AM	64.2	59.6	07:45 AM - 07:50 AM	58.0	53.0
02:30 AM - 02:35 AM	63.5	53.8	05:10 AM - 05:15 AM	65.7	61.2	07:50 AM - 07:55 AM	55.8	52.7
02:35 AM - 02:40 AM	58.7	50.2	05:15 AM - 05:20 AM	66.5	61.5	07:55 AM - 08:00 AM	56.5	52.2
02:40 AM - 02:45 AM	61.4	51.3	05:20 AM - 05:25 AM	66.1	59.7	08:00 AM - 08:05 AM	53.5	50.7
02:45 AM - 02:50 AM	64.1	55.3	05:25 AM - 05:30 AM	67.2	61.6	08:05 AM - 08:10 AM	52.3	51.0
02:50 AM - 02:55 AM	66.7	60.6	05:30 AM - 05:35 AM	67.9	64.1	08:10 AM - 08:15 AM	52.1	50.9
02:55 AM - 03:00 AM	66.4	58.1	05:35 AM - 05:40 AM	68.2	66.6	08:15 AM - 08:20 AM	52.7	51.1
03:00 AM - 03:05 AM	64.6	52.7	05:40 AM - 05:45 AM	68.0	66.2	08:20 AM - 08:25 AM	52.7	51.1
03:05 AM - 03:10 AM	64.3	52.3	05:45 AM - 05:50 AM	67.9	66.2	08:25 AM - 08:30 AM	53.1	50.9
03:10 AM - 03:15 AM	61.6	49.5	05:50 AM - 05:55 AM	67.8	65.6	08:30 AM - 08:35 AM	54.3	51.3
03:15 AM - 03:20 AM	52.3	49.2	05:55 AM - 06:00 AM	68.0	65.3	08:35 AM - 08:40 AM	53.9	50.1
03:20 AM - 03:25 AM	55.9	49.6	06:00 AM - 06:05 AM	67.9	65.0	08:40 AM - 08:45 AM	54.1	50.9
03:25 AM - 03:30 AM	55.6	50.5	06:05 AM - 06:10 AM	68.0	64.5	08:45 AM - 08:50 AM	52.8	50.4
03:30 AM - 03:35 AM	56.1	49.9	06:10 AM - 06:15 AM	68.2	65.7	08:50 AM - 08:55 AM	54.4	50.9
03:35 AM - 03:40 AM	58.1	52.2	06:15 AM - 06:20 AM	65.3	58.6	08:55 AM - 09:00 AM	54.0	49.9
03:40 AM - 03:45 AM	58.3	53.9	06:20 AM - 06:25 AM	61.7	54.5	09:00 AM - 09:05 AM	53.8	50.0
03:45 AM - 03:50 AM	58.8	53.8	06:25 AM - 06:30 AM	61.8	54.5	09:05 AM - 09:10 AM	56.6	51.3
03:50 AM - 03:55 AM	62.0	56.6	06:30 AM - 06:35 AM	64.7	51.5	09:10 AM - 09:15 AM	56.1	51.1
03:55 AM - 04:00 AM	65.3	60.0	06:35 AM - 06:40 AM	66.5	60.6	09:15 AM - 09:20 AM	57.4	51.7
04:00 AM - 04:05 AM	66.1	61.6	06:40 AM - 06:45 AM	66.6	60.4	09:20 AM - 09:25 AM	55.8	51.7
04:05 AM - 04:10 AM	66.0	60.4	06:45 AM - 06:50 AM	66.5	59.8	09:25 AM - 09:30 AM	57.2	53.3
04:10 AM - 04:15 AM	65.5	57.4	06:50 AM - 06:55 AM	63.9	56.8	09:30 AM - 09:35 AM	55.1	51.7
04:15 AM - 04:20 AM	65.7	59.5	06:55 AM - 07:00 AM	61.0	58.0	09:35 AM - 09:40 AM	55.1	51.8
04:20 AM - 04:25 AM	65.9	60.0	07:00 AM - 07:05 AM	62.8	57.5	09:40 AM - 09:45 AM	56.3	51.6
04:25 AM - 04:30 AM	66.1	61.2	07:05 AM - 07:10 AM	62.6	56.3	09:45 AM - 09:50 AM	55.2	51.9
04:30 AM - 04:35 AM	62.6	54.6	07:10 AM - 07:15 AM	62.8	57.8	09:50 AM - 09:55 AM	54.9	51.6
04:35 AM - 04:40 AM	57.6	52.0	07:15 AM - 07:20 AM	61.4	57.5	09:55 AM - 10:00 AM	56.7	52.3

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Approved by

Sarayuth Jittrantong  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2240032  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316604-1 C9

Page 1 of 3

Sample Number 2240032-14  
Parameter Noise Level (Leq 5 min)  
Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
Measurement Date May 11 - May 12, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00572609

May 11, 2022 Time	Leq dB(A)	L90 dB(A)	May 11, 2022 Time	Leq dB(A)	L90 dB(A)	May 11, 2022 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	57.6	52.9	12:40 PM - 12:45 PM	49.5	47.3	03:20 PM - 03:25 PM	50.4	48.3
10:05 AM - 10:10 AM	54.8	50.4	12:45 PM - 12:50 PM	49.2	47.1	03:25 PM - 03:30 PM	50.1	47.8
10:10 AM - 10:15 AM	52.3	49.9	12:50 PM - 12:55 PM	50.0	47.0	03:30 PM - 03:35 PM	49.9	48.2
10:15 AM - 10:20 AM	53.0	50.5	12:55 PM - 01:00 PM	48.7	47.1	03:35 PM - 03:40 PM	49.2	47.8
10:20 AM - 10:25 AM	50.9	49.0	01:00 PM - 01:05 PM	51.2	47.6	03:40 PM - 03:45 PM	49.1	47.9
10:25 AM - 10:30 AM	50.4	48.7	01:05 PM - 01:10 PM	51.1	47.5	03:45 PM - 03:50 PM	49.9	48.0
10:30 AM - 10:35 AM	51.1	48.2	01:10 PM - 01:15 PM	50.8	46.9	03:50 PM - 03:55 PM	49.0	47.4
10:35 AM - 10:40 AM	50.8	47.8	01:15 PM - 01:20 PM	51.3	47.0	03:55 PM - 04:00 PM	49.0	47.4
10:40 AM - 10:45 AM	51.8	48.5	01:20 PM - 01:25 PM	49.4	47.3	04:00 PM - 04:05 PM	48.5	47.3
10:45 AM - 10:50 AM	50.3	47.7	01:25 PM - 01:30 PM	52.0	47.1	04:05 PM - 04:10 PM	49.1	47.0
10:50 AM - 10:55 AM	52.7	47.4	01:30 PM - 01:35 PM	50.4	47.0	04:10 PM - 04:15 PM	49.2	47.1
10:55 AM - 11:00 AM	51.7	47.8	01:35 PM - 01:40 PM	49.5	46.6	04:15 PM - 04:20 PM	49.0	46.7
11:00 AM - 11:05 AM	51.2	47.6	01:40 PM - 01:45 PM	49.4	47.2	04:20 PM - 04:25 PM	47.7	45.9
11:05 AM - 11:10 AM	52.1	46.9	01:45 PM - 01:50 PM	52.7	47.0	04:25 PM - 04:30 PM	48.7	46.7
11:10 AM - 11:15 AM	50.6	46.8	01:50 PM - 01:55 PM	49.7	47.0	04:30 PM - 04:35 PM	50.5	46.8
11:15 AM - 11:20 AM	50.1	46.9	01:55 PM - 02:00 PM	50.6	47.4	04:35 PM - 04:40 PM	49.7	47.3
11:20 AM - 11:25 AM	50.1	47.2	02:00 PM - 02:05 PM	49.1	46.7	04:40 PM - 04:45 PM	49.3	46.9
11:25 AM - 11:30 AM	50.5	46.4	02:05 PM - 02:10 PM	48.9	47.3	04:45 PM - 04:50 PM	49.8	47.4
11:30 AM - 11:35 AM	51.3	46.8	02:10 PM - 02:15 PM	47.9	46.5	04:50 PM - 04:55 PM	48.8	46.9
11:35 AM - 11:40 AM	49.3	46.9	02:15 PM - 02:20 PM	50.0	46.7	04:55 PM - 05:00 PM	49.8	46.3
11:40 AM - 11:45 AM	49.2	47.1	02:20 PM - 02:25 PM	47.7	46.4	05:00 PM - 05:05 PM	49.3	46.7
11:45 AM - 11:50 AM	49.6	47.0	02:25 PM - 02:30 PM	47.9	46.1	05:05 PM - 05:10 PM	47.9	45.8
11:50 AM - 11:55 AM	53.2	46.8	02:30 PM - 02:35 PM	48.7	45.7	05:10 PM - 05:15 PM	49.6	46.1
11:55 AM - 12:00 PM	48.2	45.9	02:35 PM - 02:40 PM	48.2	45.9	05:15 PM - 05:20 PM	49.2	45.8
12:00 PM - 12:05 PM	48.5	46.3	02:40 PM - 02:45 PM	48.9	46.0	05:20 PM - 05:25 PM	49.7	46.3
12:05 PM - 12:10 PM	50.1	46.8	02:45 PM - 02:50 PM	51.8	45.6	05:25 PM - 05:30 PM	54.0	46.3
12:10 PM - 12:15 PM	50.3	46.7	02:50 PM - 02:55 PM	47.6	45.7	05:30 PM - 05:35 PM	48.3	46.1
12:15 PM - 12:20 PM	49.1	46.8	02:55 PM - 03:00 PM	47.8	45.5	05:35 PM - 05:40 PM	49.5	46.8
12:20 PM - 12:25 PM	49.3	47.0	03:00 PM - 03:05 PM	47.5	45.9	05:40 PM - 05:45 PM	50.1	46.1
12:25 PM - 12:30 PM	51.3	46.2	03:05 PM - 03:10 PM	50.1	45.8	05:45 PM - 05:50 PM	47.7	45.7
12:30 PM - 12:35 PM	50.5	46.4	03:10 PM - 03:15 PM	47.6	46.1	05:50 PM - 05:55 PM	50.4	47.0
12:35 PM - 12:40 PM	50.0	47.0	03:15 PM - 03:20 PM	47.8	46.1	05:55 PM - 06:00 PM	49.2	47.3

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่ 4600001491

Project Name : Monitoring EIA

Project Location : GBP

Lot ID: 2240032

Date Received : May 13, 2022

Date Reported : May 19, 2022

Report Number : 2316604-1 C9

Page 2 of 3

Sample Number 2240032-14  
Parameter Noise Level (Leq 5 min)  
Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
Measurement Date May 11 - May 12, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00572609

May 11, 2022 Time	Leq dB(A)	L90 dB(A)	May 11, 2022 Time	Leq dB(A)	L90 dB(A)	May 11 - May 12, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	49.9	47.1	08:40 PM - 08:45 PM	53.2	50.5	11:20 PM - 11:25 PM	53.8	51.9
06:05 PM - 06:10 PM	49.1	46.9	08:45 PM - 08:50 PM	54.6	51.7	11:25 PM - 11:30 PM	56.0	51.4
06:10 PM - 06:15 PM	48.6	46.7	08:50 PM - 08:55 PM	54.5	51.9	11:30 PM - 11:35 PM	51.5	50.8
06:15 PM - 06:20 PM	48.6	46.4	08:55 PM - 09:00 PM	55.2	52.3	11:35 PM - 11:40 PM	52.2	50.9
06:20 PM - 06:25 PM	48.0	46.6	09:00 PM - 09:05 PM	54.2	51.2	11:40 PM - 11:45 PM	51.5	50.4
06:25 PM - 06:30 PM	48.6	46.4	09:05 PM - 09:10 PM	55.2	52.9	11:45 PM - 11:50 PM	53.2	50.9
06:30 PM - 06:35 PM	49.5	46.9	09:10 PM - 09:15 PM	55.2	52.9	11:50 PM - 11:55 PM	56.3	52.7
06:35 PM - 06:40 PM	49.0	46.9	09:15 PM - 09:20 PM	56.1	54.0	11:55 PM - 12:00 AM	57.2	55.9
06:40 PM - 06:45 PM	50.3	48.0	09:20 PM - 09:25 PM	56.7	55.5	12:00 AM - 12:05 AM	57.1	54.9
06:45 PM - 06:50 PM	49.6	47.2	09:25 PM - 09:30 PM	56.9	55.4	12:05 AM - 12:10 AM	56.6	53.7
06:50 PM - 06:55 PM	49.8	47.3	09:30 PM - 09:35 PM	57.9	56.6	12:10 AM - 12:15 AM	57.7	55.4
06:55 PM - 07:00 PM	50.0	47.1	09:35 PM - 09:40 PM	58.0	56.8	12:15 AM - 12:20 AM	57.4	52.5
07:00 PM - 07:05 PM	50.5	47.8	09:40 PM - 09:45 PM	59.4	57.1	12:20 AM - 12:25 AM	58.1	55.7
07:05 PM - 07:10 PM	52.0	47.9	09:45 PM - 09:50 PM	58.7	57.5	12:25 AM - 12:30 AM	59.5	55.6
07:10 PM - 07:15 PM	52.7	49.9	09:50 PM - 09:55 PM	58.6	57.2	12:30 AM - 12:35 AM	56.7	54.7
07:15 PM - 07:20 PM	52.2	49.7	09:55 PM - 10:00 PM	58.4	56.9	12:35 AM - 12:40 AM	56.1	54.4
07:20 PM - 07:25 PM	51.1	49.3	10:00 PM - 10:05 PM	58.9	57.2	12:40 AM - 12:45 AM	56.2	53.8
07:25 PM - 07:30 PM	54.5	49.6	10:05 PM - 10:10 PM	58.3	56.5	12:45 AM - 12:50 AM	55.4	51.0
07:30 PM - 07:35 PM	56.1	51.4	10:10 PM - 10:15 PM	59.8	57.5	12:50 AM - 12:55 AM	55.6	52.0
07:35 PM - 07:40 PM	53.6	50.1	10:15 PM - 10:20 PM	58.4	57.3	12:55 AM - 01:00 AM	56.4	51.9
07:40 PM - 07:45 PM	51.5	49.1	10:20 PM - 10:25 PM	58.3	55.4	01:00 AM - 01:05 AM	55.3	51.9
07:45 PM - 07:50 PM	50.9	49.0	10:25 PM - 10:30 PM	55.7	54.1	01:05 AM - 01:10 AM	56.1	52.7
07:50 PM - 07:55 PM	50.2	48.7	10:30 PM - 10:35 PM	56.3	54.1	01:10 AM - 01:15 AM	56.4	53.6
07:55 PM - 08:00 PM	50.1	48.4	10:35 PM - 10:40 PM	54.2	52.7	01:15 AM - 01:20 AM	56.2	53.1
08:00 PM - 08:05 PM	51.1	49.3	10:40 PM - 10:45 PM	53.8	52.8	01:20 AM - 01:25 AM	52.3	50.4
08:05 PM - 08:10 PM	50.5	48.8	10:45 PM - 10:50 PM	57.8	52.4	01:25 AM - 01:30 AM	51.7	50.4
08:10 PM - 08:15 PM	52.2	49.7	10:50 PM - 10:55 PM	55.4	53.4	01:30 AM - 01:35 AM	51.3	50.0
08:15 PM - 08:20 PM	52.9	50.7	10:55 PM - 11:00 PM	55.3	53.5	01:35 AM - 01:40 AM	51.5	49.8
08:20 PM - 08:25 PM	52.6	50.3	11:00 PM - 11:05 PM	56.3	53.5	01:40 AM - 01:45 AM	54.4	53.4
08:25 PM - 08:30 PM	52.6	50.7	11:05 PM - 11:10 PM	53.9	52.5	01:45 AM - 01:50 AM	57.2	52.7
08:30 PM - 08:35 PM	53.5	51.0	11:10 PM - 11:15 PM	54.4	52.7	01:50 AM - 01:55 AM	51.8	49.0
08:35 PM - 08:40 PM	52.2	50.1	11:15 PM - 11:20 PM	53.8	52.2	01:55 AM - 02:00 AM	49.8	48.7

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Approved by

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
P/O : สัญญาเลขที่ 4600001491  
Project Name : Monitoring EIA  
Project Location : GBP

Lot ID: 2240032  
Date Received : May 13, 2022  
Date Reported : May 19, 2022  
Report Number : 2316604-1 C9

Page 3 of 3

Sample Number 2240032-14  
Parameter Noise Level (Leq 5 min)  
Location ร้านค้าภายในนิคมที่อยู่ใกล้เคียงโครงการ (GPS 47P 067330, 1576198)  
Measurement Date May 11 - May 12, 2022  
Measurement by Teeravut Sukdee  
Sound Level meter Serial No. 00572609

May 12, 2022 Time	Leq dB(A)	L90 dB(A)	May 12, 2022 Time	Leq dB(A)	L90 dB(A)	May 12, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	49.9	48.9	04:40 AM - 04:45 AM	61.7	58.2	07:20 AM - 07:25 AM	62.1	57.9
02:05 AM - 02:10 AM	50.8	49.4	04:45 AM - 04:50 AM	58.4	56.9	07:25 AM - 07:30 AM	61.1	57.4
02:10 AM - 02:15 AM	52.4	49.9	04:50 AM - 04:55 AM	60.4	57.6	07:30 AM - 07:35 AM	60.8	57.6
02:15 AM - 02:20 AM	50.6	49.4	04:55 AM - 05:00 AM	59.8	58.0	07:35 AM - 07:40 AM	61.4	58.0
02:20 AM - 02:25 AM	50.8	49.2	05:00 AM - 05:05 AM	63.6	59.3	07:40 AM - 07:45 AM	61.2	58.2
02:25 AM - 02:30 AM	51.7	48.4	05:05 AM - 05:10 AM	59.4	57.7	07:45 AM - 07:50 AM	59.6	57.0
02:30 AM - 02:35 AM	51.2	48.8	05:10 AM - 05:15 AM	61.3	58.6	07:50 AM - 07:55 AM	60.8	57.2
02:35 AM - 02:40 AM	51.6	48.3	05:15 AM - 05:20 AM	62.3	57.1	07:55 AM - 08:00 AM	61.1	57.8
02:40 AM - 02:45 AM	51.0	48.6	05:20 AM - 05:25 AM	60.0	58.0	08:00 AM - 08:05 AM	58.9	57.7
02:45 AM - 02:50 AM	50.1	48.8	05:25 AM - 05:30 AM	60.3	57.9	08:05 AM - 08:10 AM	59.5	57.5
02:50 AM - 02:55 AM	50.1	48.9	05:30 AM - 05:35 AM	57.7	56.9	08:10 AM - 08:15 AM	59.6	57.7
02:55 AM - 03:00 AM	50.3	49.2	05:35 AM - 05:40 AM	63.8	58.1	08:15 AM - 08:20 AM	58.5	57.2
03:00 AM - 03:05 AM	50.3	49.2	05:40 AM - 05:45 AM	64.5	58.9	08:20 AM - 08:25 AM	59.2	57.0
03:05 AM - 03:10 AM	59.8	57.7	05:45 AM - 05:50 AM	60.3	58.0	08:25 AM - 08:30 AM	59.9	58.5
03:10 AM - 03:15 AM	60.5	58.8	05:50 AM - 05:55 AM	58.2	56.9	08:30 AM - 08:35 AM	62.6	58.0
03:15 AM - 03:20 AM	61.8	58.1	05:55 AM - 06:00 AM	59.8	57.8	08:35 AM - 08:40 AM	61.8	58.0
03:20 AM - 03:25 AM	63.2	58.9	06:00 AM - 06:05 AM	59.2	57.8	08:40 AM - 08:45 AM	61.2	57.9
03:25 AM - 03:30 AM	61.7	59.7	06:05 AM - 06:10 AM	60.5	57.3	08:45 AM - 08:50 AM	60.0	57.4
03:30 AM - 03:35 AM	60.9	58.1	06:10 AM - 06:15 AM	60.1	57.6	08:50 AM - 08:55 AM	61.7	57.7
03:35 AM - 03:40 AM	65.4	58.7	06:15 AM - 06:20 AM	60.5	58.2	08:55 AM - 09:00 AM	64.6	58.1
03:40 AM - 03:45 AM	61.7	58.2	06:20 AM - 06:25 AM	59.3	56.9	09:00 AM - 09:05 AM	59.6	58.0
03:45 AM - 03:50 AM	63.3	60.2	06:25 AM - 06:30 AM	60.1	57.9	09:05 AM - 09:10 AM	59.3	57.2
03:50 AM - 03:55 AM	58.8	57.2	06:30 AM - 06:35 AM	59.0	57.4	09:10 AM - 09:15 AM	58.9	57.6
03:55 AM - 04:00 AM	61.6	59.1	06:35 AM - 06:40 AM	59.1	56.6	09:15 AM - 09:20 AM	65.4	57.5
04:00 AM - 04:05 AM	59.5	57.4	06:40 AM - 06:45 AM	58.9	56.9	09:20 AM - 09:25 AM	59.8	57.0
04:05 AM - 04:10 AM	58.6	57.6	06:45 AM - 06:50 AM	59.9	58.0	09:25 AM - 09:30 AM	59.1	57.7
04:10 AM - 04:15 AM	62.3	59.1	06:50 AM - 06:55 AM	62.1	57.8	09:30 AM - 09:35 AM	62.9	57.6
04:15 AM - 04:20 AM	60.2	58.4	06:55 AM - 07:00 AM	63.8	58.8	09:35 AM - 09:40 AM	60.1	57.5
04:20 AM - 04:25 AM	62.1	58.4	07:00 AM - 07:05 AM	59.9	57.3	09:40 AM - 09:45 AM	59.7	58.3
04:25 AM - 04:30 AM	58.2	56.9	07:05 AM - 07:10 AM	64.2	60.1	09:45 AM - 09:50 AM	59.7	57.2
04:30 AM - 04:35 AM	61.3	58.7	07:10 AM - 07:15 AM	58.6	56.9	09:50 AM - 09:55 AM	62.0	58.3
04:35 AM - 04:40 AM	60.9	58.8	07:15 AM - 07:20 AM	61.9	58.5	09:55 AM - 10:00 AM	64.5	59.7

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Approved by

Sarayuth Jittrantont  
Assistant General Manager









## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354417-1

Page 1 of 1

**Sample Number** 2252666-1  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Cooling Tower  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:02 AM - 09:02 AM	82.0	82.5	81.9
09:02 AM - 10:02 AM	81.9	82.2	81.8
10:02 AM - 11:02 AM	81.9	82.2	81.8
11:02 AM - 12:02 PM	81.9	82.2	81.8
12:02 PM - 01:02 PM	81.8	83.4	81.7
01:02 PM - 02:02 PM	81.9	82.5	81.7
02:02 PM - 03:02 PM	81.9	82.3	81.8
03:02 PM - 04:02 PM	81.9	82.3	81.8

Leq Average 8 hrs. (dB(A))

81.9

Lmax (dB(A))

83.4

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Technical Management**

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)

**Approved by**

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354418-1

Page 1 of 1

**Sample Number** 2252666-2  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Cooling Tower  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:02 PM - 05:02 PM	81.9	82.3	81.8
05:02 PM - 06:02 PM	82.0	82.2	81.9
06:02 PM - 07:02 PM	81.9	82.3	81.9
07:02 PM - 08:02 PM	82.0	82.3	81.9
08:02 PM - 09:02 PM	82.1	82.3	82.0
09:02 PM - 10:02 PM	82.1	82.4	82.0
10:02 PM - 11:02 PM	82.1	82.4	82.0
11:02 PM - 12:02 AM	82.2	82.6	82.1

Leq Average 8 hrs. (dB(A))

82.0

Lmax (dB(A))

82.6

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Technical Management**

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)

**Approved by**

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354419-1

Page 1 of 1

**Sample Number** 2252666-3  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Cooling Tower  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:02 AM - 01:02 AM	82.3	82.6	82.2
01:02 AM - 02:02 AM	82.3	82.6	82.2
02:02 AM - 03:02 AM	82.3	82.6	82.2
03:02 AM - 04:02 AM	82.4	82.6	82.3
04:02 AM - 05:02 AM	82.4	82.6	82.3
05:02 AM - 06:02 AM	82.3	82.6	82.2
06:02 AM - 07:02 AM	82.2	82.5	82.1
07:02 AM - 08:02 AM	82.1	83.1	82.0

Leq Average 8 hrs. (dB(A))

82.3

Lmax (dB(A))

83.1

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Technical Management**

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)

**Approved by**

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354420-1

Page 1 of 1

**Sample Number** 2252666-4  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Cooling Tower  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:02 AM - 09:02 AM	82.0	84.1	81.9
09:02 AM - 10:02 AM	82.6	92.1	82.1
10:02 AM - 11:02 AM	82.5	82.9	82.2
11:02 AM - 12:02 PM	82.1	82.5	82.0
12:02 PM - 01:02 PM	82.2	82.5	82.1
01:02 PM - 02:02 PM	82.1	82.6	82.0
02:02 PM - 03:02 PM	82.0	82.7	81.9
03:02 PM - 04:02 PM	82.0	82.9	81.9

Leq Average 8 hrs. (dB(A))

82.2

Lmax (dB(A))

92.1

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Technical Management**

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)

**Approved by**

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354421-1

Page 1 of 1

**Sample Number** 2252666-5  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Cooling Tower  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:02 PM - 05:02 PM	82.1	82.5	82.0
05:02 PM - 06:02 PM	82.2	82.6	82.1
06:02 PM - 07:02 PM	82.3	82.7	82.2
07:02 PM - 08:02 PM	82.3	82.6	82.2
08:02 PM - 09:02 PM	82.3	82.7	82.2
09:02 PM - 10:02 PM	82.3	82.7	82.2
10:02 PM - 11:02 PM	82.4	82.7	82.3
11:02 PM - 12:02 AM	82.4	82.7	82.4

Leq Average 8 hrs. (dB(A))

82.3

Lmax (dB(A))

82.7

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354422-1

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**Sample Number** 2252666-6  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Cooling Tower  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:02 AM - 01:02 AM	82.5	82.8	82.4
01:02 AM - 02:02 AM	82.5	82.8	82.4
02:02 AM - 03:02 AM	82.5	82.8	82.5
03:02 AM - 04:02 AM	82.5	82.9	82.5
04:02 AM - 05:02 AM	82.5	82.8	82.5
05:02 AM - 06:02 AM	82.5	82.8	82.4
06:02 AM - 07:02 AM	82.3	82.7	82.2
07:02 AM - 08:02 AM	82.2	82.5	82.1

Leq Average 8 hrs. (dB(A))

82.4

Lmax (dB(A))

82.9

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354423-1

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**Sample Number** 2252666-7  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Cooling Tower  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:02 AM - 09:02 AM	82.2	82.5	82.1
09:02 AM - 10:02 AM	82.1	82.5	82.0
10:02 AM - 11:02 AM	82.2	89.0	81.9
11:02 AM - 12:02 PM	82.8	86.3	82.4
12:02 PM - 01:02 PM	82.6	83.2	82.4
01:02 PM - 02:02 PM	82.4	82.8	82.3
02:02 PM - 03:02 PM	82.3	82.6	82.2
03:02 PM - 04:02 PM	82.3	82.6	82.2

Leq Average 8 hrs. (dB(A))

82.4

Lmax (dB(A))

89.0

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354424-1

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**Sample Number** 2252666-8  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Cooling Tower  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:02 PM - 05:02 PM	82.3	82.7	82.2
05:02 PM - 06:02 PM	82.4	82.7	82.4
06:02 PM - 07:02 PM	82.5	82.8	82.4
07:02 PM - 08:02 PM	82.4	82.7	82.4
08:02 PM - 09:02 PM	82.4	82.7	82.3
09:02 PM - 10:02 PM	82.4	82.7	82.3
10:02 PM - 11:02 PM	82.5	82.8	82.4
11:02 PM - 12:02 AM	82.5	82.8	82.4

Leq Average 8 hrs. (dB(A))

82.4

Lmax (dB(A))

82.8

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354425-1

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**Sample Number** 2252666-9  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Cooling Tower  
**Measurement Date** Jun 17, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:02 AM - 01:02 AM	82.5	82.8	82.4
01:02 AM - 02:02 AM	82.6	82.9	82.5
02:02 AM - 03:02 AM	82.7	82.9	82.6
03:02 AM - 04:02 AM	82.7	83.0	82.6
04:02 AM - 05:02 AM	82.7	83.0	82.7
05:02 AM - 06:02 AM	82.7	83.0	82.6
06:02 AM - 07:02 AM	82.5	82.8	82.4
07:02 AM - 08:02 AM	82.3	82.8	82.2

Leq Average 8 hrs. (dB(A))

82.6

Lmax (dB(A))

83.0

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354426-1

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**Sample Number** 2252666-10  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Compressor  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:10 AM - 09:10 AM	62.1	66.7	61.5
09:10 AM - 10:10 AM	61.9	66.8	61.2
10:10 AM - 11:10 AM	62.5	69.6	61.5
11:10 AM - 12:10 PM	62.3	68.2	61.4
12:10 PM - 01:10 PM	61.8	74.5	61.0
01:10 PM - 02:10 PM	62.8	66.6	62.2
02:10 PM - 03:10 PM	63.9	69.0	62.6
03:10 PM - 04:10 PM	63.1	71.6	62.3

Leq Average 8 hrs. (dB(A))

62.6

Lmax (dB(A))

74.5

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354427-1

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**Sample Number** 2252666-11  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Compressor  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:10 PM - 05:10 PM	69.8	80.7	62.3
05:10 PM - 06:10 PM	63.9	71.0	63.3
06:10 PM - 07:10 PM	63.5	70.2	62.8
07:10 PM - 08:10 PM	63.1	71.8	62.6
08:10 PM - 09:10 PM	63.6	70.6	62.8
09:10 PM - 10:10 PM	63.0	65.5	62.5
10:10 PM - 11:10 PM	62.2	70.7	61.0
11:10 PM - 12:10 AM	61.0	63.5	60.6

Leq Average 8 hrs. (dB(A))

64.7

Lmax (dB(A))

80.7

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354428-1

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**Sample Number** 2252666-12  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Compressor  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 01:10 AM	61.1	63.5	60.7
01:10 AM - 02:10 AM	61.2	67.4	60.8
02:10 AM - 03:10 AM	61.4	67.9	60.9
03:10 AM - 04:10 AM	61.9	71.5	61.2
04:10 AM - 05:10 AM	61.6	76.7	61.0
05:10 AM - 06:10 AM	62.2	77.3	61.3
06:10 AM - 07:10 AM	64.3	73.2	62.6
07:10 AM - 08:10 AM	62.9	67.3	62.2

Leq Average 8 hrs. (dB(A))

62.2

Lmax (dB(A))

77.3

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354429-1

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**Sample Number** 2252666-13  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Compressor  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:10 AM - 09:10 AM	62.5	66.0	61.8
09:10 AM - 10:10 AM	64.6	87.7	62.7
10:10 AM - 11:10 AM	62.8	81.2	61.9
11:10 AM - 12:10 PM	62.7	65.4	62.0
12:10 PM - 01:10 PM	62.0	66.4	61.5
01:10 PM - 02:10 PM	64.0	69.7	61.9
02:10 PM - 03:10 PM	63.3	70.9	61.8
03:10 PM - 04:10 PM	63.0	69.5	62.3

Leq Average 8 hrs. (dB(A))

63.2

Lmax (dB(A))

87.7

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354430-1

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**Sample Number** 2252666-14  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Compressor  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:10 PM - 05:10 PM	63.3	70.0	62.3
05:10 PM - 06:10 PM	63.3	74.5	62.4
06:10 PM - 07:10 PM	63.2	66.9	62.6
07:10 PM - 08:10 PM	63.2	72.6	62.6
08:10 PM - 09:10 PM	63.7	82.7	62.6
09:10 PM - 10:10 PM	62.8	65.5	62.4
10:10 PM - 11:10 PM	62.5	67.2	61.7
11:10 PM - 12:10 AM	62.1	68.0	61.6

Leq Average 8 hrs. (dB(A))

63.0

Lmax (dB(A))

82.7

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354431-1

Page 1 of 1

**Sample Number** 2252666-15  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Compressor  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 01:10 AM	62.2	63.3	61.8
01:10 AM - 02:10 AM	62.2	63.8	61.9
02:10 AM - 03:10 AM	62.4	63.7	62.0
03:10 AM - 04:10 AM	62.8	66.4	62.4
04:10 AM - 05:10 AM	62.9	67.2	62.4
05:10 AM - 06:10 AM	63.3	72.4	62.5
06:10 AM - 07:10 AM	65.2	77.3	63.3
07:10 AM - 08:10 AM	63.0	68.8	62.1

Leq Average 8 hrs. (dB(A))

63.1

Lmax (dB(A))

77.3

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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Scientist (4)

**Approved by**

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Supot Salamteh  
Section Head

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**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354432-1

Page 1 of 1

**Sample Number** 2252666-16  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Compressor  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:10 AM - 09:10 AM	62.3	66.4	61.7
09:10 AM - 10:10 AM	62.6	72.0	61.6
10:10 AM - 11:10 AM	65.9	86.9	61.7
11:10 AM - 12:10 PM	69.1	89.9	62.4
12:10 PM - 01:10 PM	64.4	70.3	62.3
01:10 PM - 02:10 PM	62.0	65.7	61.3
02:10 PM - 03:10 PM	61.8	65.7	61.1
03:10 PM - 04:10 PM	62.3	68.7	61.5

Leq Average 8 hrs. (dB(A))

64.6

Lmax (dB(A))

89.9

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354433-1

Page 1 of 1

**Sample Number** 2252666-17  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Compressor  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:10 PM - 05:10 PM	63.4	70.9	62.5
05:10 PM - 06:10 PM	63.2	72.9	62.5
06:10 PM - 07:10 PM	63.7	74.9	63.0
07:10 PM - 08:10 PM	63.2	69.0	62.5
08:10 PM - 09:10 PM	63.0	69.3	62.2
09:10 PM - 10:10 PM	62.8	67.7	62.1
10:10 PM - 11:10 PM	63.2	64.4	62.7
11:10 PM - 12:10 AM	63.2	64.6	62.6

Leq Average 8 hrs. (dB(A))

63.2

Lmax (dB(A))

74.9

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354434-1

Page 1 of 1

**Sample Number** 2252666-18  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Compressor  
**Measurement Date** Jun 17, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 01:10 AM	63.5	64.8	63.0
01:10 AM - 02:10 AM	63.5	65.2	63.0
02:10 AM - 03:10 AM	63.7	67.7	63.2
03:10 AM - 04:10 AM	63.7	77.7	63.0
04:10 AM - 05:10 AM	63.3	66.9	62.9
05:10 AM - 06:10 AM	64.0	76.5	63.3
06:10 AM - 07:10 AM	64.3	72.2	63.1
07:10 AM - 08:10 AM	63.5	71.5	62.0

Leq Average 8 hrs. (dB(A))

63.7

Lmax (dB(A))

77.7

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354435-1

Page 1 of 1

**Sample Number** 2252666-19  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Boiler Feed Pump  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:08 AM - 09:08 AM	81.9	84.2	81.8
09:08 AM - 10:08 AM	82.0	82.4	81.9
10:08 AM - 11:08 AM	82.0	82.5	81.8
11:08 AM - 12:08 PM	81.9	82.4	81.8
12:08 PM - 01:08 PM	82.0	84.8	81.8
01:08 PM - 02:08 PM	82.0	82.5	81.8
02:08 PM - 03:08 PM	82.0	82.4	81.9
03:08 PM - 04:08 PM	82.0	82.4	81.9

Leq Average 8 hrs. (dB(A))

82.0

Lmax (dB(A))

84.8

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354436-1

Page 1 of 1

**Sample Number** 2252666-20  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Boiler Feed Pump  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:08 PM - 05:08 PM	82.0	82.4	81.9
05:08 PM - 06:08 PM	82.2	83.7	81.9
06:08 PM - 07:08 PM	82.3	83.4	82.0
07:08 PM - 08:08 PM	82.1	83.0	82.0
08:08 PM - 09:08 PM	82.2	82.6	82.0
09:08 PM - 10:08 PM	82.1	82.7	82.0
10:08 PM - 11:08 PM	83.3	86.1	81.8
11:08 PM - 12:08 AM	82.2	82.6	82.1

Leq Average 8 hrs. (dB(A))

82.3

Lmax (dB(A))

86.1

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354437-1

Page 1 of 1

**Sample Number** 2252666-21  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Boiler Feed Pump  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:08 AM - 01:08 AM	84.1	86.1	83.4
01:08 AM - 02:08 AM	84.6	86.9	84.1
02:08 AM - 03:08 AM	84.9	87.0	84.4
03:08 AM - 04:08 AM	84.6	86.8	83.9
04:08 AM - 05:08 AM	84.6	86.8	83.1
05:08 AM - 06:08 AM	84.4	87.2	83.6
06:08 AM - 07:08 AM	84.6	86.8	84.1
07:08 AM - 08:08 AM	84.0	89.1	81.3

Leq Average 8 hrs. (dB(A))

84.5

Lmax (dB(A))

89.1

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354438-1

Page 1 of 1

**Sample Number** 2252666-22  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Boiler Feed Pump  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:08 AM - 09:08 AM	82.1	84.2	82.0
09:08 AM - 10:08 AM	82.3	89.0	82.1
10:08 AM - 11:08 AM	82.1	82.6	82.0
11:08 AM - 12:08 PM	82.2	82.7	82.0
12:08 PM - 01:08 PM	82.0	82.5	81.9
01:08 PM - 02:08 PM	82.1	82.5	82.0
02:08 PM - 03:08 PM	81.9	82.4	81.8
03:08 PM - 04:08 PM	82.2	82.6	82.0

Leq Average 8 hrs. (dB(A))

82.1

Lmax (dB(A))

89.0

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354439-1

Page 1 of 1

**Sample Number** 2252666-23  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Boiler Feed Pump  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:08 PM - 05:08 PM	82.3	82.8	82.1
05:08 PM - 06:08 PM	82.7	83.9	82.4
06:08 PM - 07:08 PM	82.5	83.8	82.3
07:08 PM - 08:08 PM	82.2	82.7	82.1
08:08 PM - 09:08 PM	82.2	82.6	82.1
09:08 PM - 10:08 PM	82.1	82.5	82.0
10:08 PM - 11:08 PM	82.0	84.3	81.9
11:08 PM - 12:08 AM	82.3	89.3	82.0

Leq Average 8 hrs. (dB(A))

82.3

Lmax (dB(A))

89.3

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354440-1

Page 1 of 1

**Sample Number** 2252666-24  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Boiler Feed Pump  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:08 AM - 01:08 AM	84.5	86.7	83.7
01:08 AM - 02:08 AM	84.4	86.4	83.8
02:08 AM - 03:08 AM	84.3	86.0	83.8
03:08 AM - 04:08 AM	84.5	85.9	83.9
04:08 AM - 05:08 AM	84.5	86.0	83.7
05:08 AM - 06:08 AM	84.5	86.1	83.8
06:08 AM - 07:08 AM	84.0	85.5	83.5
07:08 AM - 08:08 AM	83.8	87.8	80.1

Leq Average 8 hrs. (dB(A))

84.3

Lmax (dB(A))

87.8

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354441-1

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**Sample Number** 2252666-25  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Boiler Feed Pump  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:08 AM - 09:08 AM	82.0	82.6	81.8
09:08 AM - 10:08 AM	82.0	82.4	81.8
10:08 AM - 11:08 AM	82.0	84.3	81.8
11:08 AM - 12:08 PM	82.3	89.3	82.0
12:08 PM - 01:08 PM	82.5	83.0	82.3
01:08 PM - 02:08 PM	82.4	82.9	82.3
02:08 PM - 03:08 PM	82.1	82.7	82.0
03:08 PM - 04:08 PM	82.1	82.5	82.0

Leq Average 8 hrs. (dB(A))

82.2

Lmax (dB(A))

89.3

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354442-1

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**Sample Number** 2252666-26  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Boiler Feed Pump  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:08 PM - 05:08 PM	82.0	82.5	81.9
05:08 PM - 06:08 PM	82.1	83.1	81.9
06:08 PM - 07:08 PM	82.4	83.7	82.1
07:08 PM - 08:08 PM	82.1	82.5	82.0
08:08 PM - 09:08 PM	82.2	82.6	82.0
09:08 PM - 10:08 PM	82.1	82.6	82.0
10:08 PM - 11:08 PM	82.2	82.6	82.0
11:08 PM - 12:08 AM	82.3	82.7	82.2

Leq Average 8 hrs. (dB(A))

82.2

Lmax (dB(A))

83.7

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354443-1

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**Sample Number** 2252666-27  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Boiler Feed Pump  
**Measurement Date** Jun 17, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:08 AM - 01:08 AM	82.3	82.7	82.2
01:08 AM - 02:08 AM	82.4	82.8	82.3
02:08 AM - 03:08 AM	82.5	83.1	82.4
03:08 AM - 04:08 AM	82.4	83.0	82.3
04:08 AM - 05:08 AM	82.3	82.8	82.1
05:08 AM - 06:08 AM	82.2	82.6	82.1
06:08 AM - 07:08 AM	82.3	82.8	82.1
07:08 AM - 08:08 AM	82.0	82.6	81.9

Leq Average 8 hrs. (dB(A))

82.3

Lmax (dB(A))

83.1

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354444-1

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**Sample Number** 2252666-28  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 1  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:30 AM - 09:30 AM	83.0	84.0	82.8
09:30 AM - 10:30 AM	82.9	83.5	82.8
10:30 AM - 11:30 AM	83.0	83.5	82.8
11:30 AM - 12:30 PM	82.9	83.5	82.8
12:30 PM - 01:30 PM	82.9	83.7	82.7
01:30 PM - 02:30 PM	83.0	83.5	82.8
02:30 PM - 03:30 PM	83.0	83.4	82.8
03:30 PM - 04:30 PM	82.9	83.3	82.8

Leq Average 8 hrs. (dB(A))

83.0

Lmax (dB(A))

84.0

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354445-1

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**Sample Number** 2252666-29  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 1  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:30 PM - 05:30 PM	82.9	83.3	82.8
05:30 PM - 06:30 PM	83.3	84.5	83.0
06:30 PM - 07:30 PM	83.2	86.2	83.1
07:30 PM - 08:30 PM	83.1	83.6	83.0
08:30 PM - 09:30 PM	83.1	83.6	83.0
09:30 PM - 10:30 PM	83.1	83.6	83.0
10:30 PM - 11:30 PM	84.5	88.0	81.6
11:30 PM - 12:30 AM	84.2	86.0	83.4

Leq Average 8 hrs. (dB(A))

83.5

Lmax (dB(A))

88.0

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354446-1

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**Sample Number** 2252666-30  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 1  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 01:30 AM	84.3	85.6	84.0
01:30 AM - 02:30 AM	84.2	85.5	83.8
02:30 AM - 03:30 AM	83.9	85.4	83.4
03:30 AM - 04:30 AM	83.7	85.5	82.6
04:30 AM - 05:30 AM	83.3	85.4	82.6
05:30 AM - 06:30 AM	83.4	85.1	82.9
06:30 AM - 07:30 AM	84.3	90.1	80.9
07:30 AM - 08:30 AM	82.9	83.5	82.8
Leq Average 8 hrs. (dB(A))	83.8		
Lmax (dB(A))		90.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖			

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354447-1

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**Sample Number** 2252666-31  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 1  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:30 AM - 09:30 AM	82.9	88.0	82.8
09:30 AM - 10:30 AM	83.1	84.3	82.9
10:30 AM - 11:30 AM	82.9	83.5	82.7
11:30 AM - 12:30 PM	82.9	83.5	82.7
12:30 PM - 01:30 PM	82.9	83.4	82.7
01:30 PM - 02:30 PM	82.9	83.3	82.8
02:30 PM - 03:30 PM	82.9	83.3	82.8
03:30 PM - 04:30 PM	83.0	83.5	82.8

Leq Average 8 hrs. (dB(A))

82.9

Lmax (dB(A))

88.0

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354448-1

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**Sample Number** 2252666-32  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 1  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:30 PM - 05:30 PM	83.0	83.5	82.8
05:30 PM - 06:30 PM	83.2	84.3	82.9
06:30 PM - 07:30 PM	83.1	83.8	82.9
07:30 PM - 08:30 PM	83.0	83.4	82.9
08:30 PM - 09:30 PM	82.9	83.4	82.8
09:30 PM - 10:30 PM	82.9	83.4	82.8
10:30 PM - 11:30 PM	82.9	83.5	82.7
11:30 PM - 12:30 AM	83.0	88.4	82.8

Leq Average 8 hrs. (dB(A))

83.0

Lmax (dB(A))

88.4

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354449-1

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**Sample Number** 2252666-33  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 1  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 01:30 AM	84.2	85.9	83.5
01:30 AM - 02:30 AM	84.2	86.2	83.6
02:30 AM - 03:30 AM	84.0	85.5	83.5
03:30 AM - 04:30 AM	84.0	85.9	83.5
04:30 AM - 05:30 AM	84.0	85.8	83.3
05:30 AM - 06:30 AM	83.9	86.1	83.2
06:30 AM - 07:30 AM	83.6	85.7	83.0
07:30 AM - 08:30 AM	83.3	87.6	78.2

Leq Average 8 hrs. (dB(A))

83.9

Lmax (dB(A))

87.6

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354450-1

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**Sample Number** 2252666-34  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 1  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:30 AM - 09:30 AM	83.0	88.4	82.8
09:30 AM - 10:30 AM	83.1	88.0	82.9
10:30 AM - 11:30 AM	83.0	83.6	82.8
11:30 AM - 12:30 PM	82.9	83.4	82.8
12:30 PM - 01:30 PM	82.9	83.4	82.8
01:30 PM - 02:30 PM	82.9	83.3	82.7
02:30 PM - 03:30 PM	82.8	83.3	82.8
03:30 PM - 04:30 PM	82.9	83.8	82.8

Leq Average 8 hrs. (dB(A))

82.9

Lmax (dB(A))

88.4

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354451-1

Page 1 of 1

**Sample Number** 2252666-35  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 1  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:30 PM - 05:30 PM	83.2	84.2	83.0
05:30 PM - 06:30 PM	83.0	83.5	82.9
06:30 PM - 07:30 PM	83.0	83.6	82.9
07:30 PM - 08:30 PM	83.1	83.6	82.9
08:30 PM - 09:30 PM	83.1	83.8	82.9
09:30 PM - 10:30 PM	83.1	83.6	82.9
10:30 PM - 11:30 PM	83.1	83.6	82.9
11:30 PM - 12:30 AM	83.2	83.6	83.0

Leq Average 8 hrs. (dB(A))

83.1

Lmax (dB(A))

84.2

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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Scientist (4)

**Approved by**

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Supot Salamteh  
Section Head

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**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354452-1

Page 1 of 1

**Sample Number** 2252666-36  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 1  
**Measurement Date** Jun 17, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 01:30 AM	83.1	83.6	83.0
01:30 AM - 02:30 AM	83.0	83.4	82.9
02:30 AM - 03:30 AM	82.9	83.3	82.8
03:30 AM - 04:30 AM	82.9	83.3	82.8
04:30 AM - 05:30 AM	83.0	83.8	82.8
05:30 AM - 06:30 AM	83.0	83.6	82.8
06:30 AM - 07:30 AM	82.9	83.5	82.7
07:30 AM - 08:30 AM	82.9	83.5	82.8

Leq Average 8 hrs. (dB(A))

83.0

Lmax (dB(A))

83.8

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354453-1

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**Sample Number** 2252666-37  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 2  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:13 AM - 09:13 AM	76.8	93.5	76.2
09:13 AM - 10:13 AM	76.4	78.3	75.9
10:13 AM - 11:13 AM	76.5	78.4	76.1
11:13 AM - 12:13 PM	76.4	78.5	76.0
12:13 PM - 01:13 PM	76.3	82.2	75.9
01:13 PM - 02:13 PM	76.7	83.3	76.2
02:13 PM - 03:13 PM	76.9	78.9	76.4
03:13 PM - 04:13 PM	77.0	79.0	76.6

Leq Average 8 hrs. (dB(A))

76.6

Lmax (dB(A))

93.5

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354454-1

Page 1 of 1

**Sample Number** 2252666-38  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 2  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:13 PM - 05:13 PM	77.1	78.5	76.7
05:13 PM - 06:13 PM	77.2	79.0	76.8
06:13 PM - 07:13 PM	76.9	78.4	76.6
07:13 PM - 08:13 PM	76.9	87.2	76.5
08:13 PM - 09:13 PM	77.1	78.7	76.8
09:13 PM - 10:13 PM	77.1	78.5	76.8
10:13 PM - 11:13 PM	75.9	86.1	74.2
11:13 PM - 12:13 AM	76.1	77.9	75.2

Leq Average 8 hrs. (dB(A))

76.8

Lmax (dB(A))

87.2

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354455-1

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**Sample Number** 2252666-39  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 2  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:13 AM - 01:13 AM	76.4	78.0	75.9
01:13 AM - 02:13 AM	76.5	78.0	76.0
02:13 AM - 03:13 AM	76.1	77.9	75.3
03:13 AM - 04:13 AM	76.0	78.5	74.9
04:13 AM - 05:13 AM	75.8	94.4	75.0
05:13 AM - 06:13 AM	76.2	78.2	75.6
06:13 AM - 07:13 AM	77.2	86.3	74.9
07:13 AM - 08:13 AM	76.9	78.7	76.4

Leq Average 8 hrs. (dB(A))

76.4

Lmax (dB(A))

94.4

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354456-1

Page 1 of 1

**Sample Number** 2252666-40  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 2  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:13 AM - 09:13 AM	76.7	90.1	76.3
09:13 AM - 10:13 AM	77.2	80.2	76.7
10:13 AM - 11:13 AM	76.8	78.3	76.5
11:13 AM - 12:13 PM	76.7	78.4	76.3
12:13 PM - 01:13 PM	76.7	78.3	76.3
01:13 PM - 02:13 PM	76.8	78.4	76.5
02:13 PM - 03:13 PM	76.8	78.2	76.4
03:13 PM - 04:13 PM	76.8	78.3	76.4

Leq Average 8 hrs. (dB(A))

76.8

Lmax (dB(A))

90.1

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354457-1

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**Sample Number** 2252666-41  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 2  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:13 PM - 05:13 PM	76.6	78.3	76.3
05:13 PM - 06:13 PM	77.0	78.9	76.5
06:13 PM - 07:13 PM	77.2	78.4	76.9
07:13 PM - 08:13 PM	77.2	78.5	76.8
08:13 PM - 09:13 PM	77.1	78.9	76.7
09:13 PM - 10:13 PM	77.1	79.1	76.7
10:13 PM - 11:13 PM	77.2	81.2	76.1
11:13 PM - 12:13 AM	78.3	80.2	77.7

Leq Average 8 hrs. (dB(A))

77.2

Lmax (dB(A))

81.2

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354458-1

Page 1 of 1

**Sample Number** 2252666-42  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 2  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:13 AM - 01:13 AM	78.2	79.9	77.7
01:13 AM - 02:13 AM	78.2	79.8	77.7
02:13 AM - 03:13 AM	78.3	79.9	77.8
03:13 AM - 04:13 AM	78.1	79.7	77.5
04:13 AM - 05:13 AM	78.0	79.6	77.4
05:13 AM - 06:13 AM	77.9	79.9	77.4
06:13 AM - 07:13 AM	78.2	81.0	76.9
07:13 AM - 08:13 AM	76.9	79.2	76.5

Leq Average 8 hrs. (dB(A))

78.0

Lmax (dB(A))

81.0

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354459-1

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**Sample Number** 2252666-43  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 2  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:13 AM - 09:13 AM	76.4	78.6	75.8
09:13 AM - 10:13 AM	77.1	85.9	76.3
10:13 AM - 11:13 AM	77.1	86.8	76.4
11:13 AM - 12:13 PM	77.9	86.5	77.1
12:13 PM - 01:13 PM	77.1	79.4	76.8
01:13 PM - 02:13 PM	76.8	78.6	76.5
02:13 PM - 03:13 PM	76.8	78.5	76.5
03:13 PM - 04:13 PM	76.9	78.5	76.4

Leq Average 8 hrs. (dB(A))

77.0

Lmax (dB(A))

86.8

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354460-1

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**Sample Number** 2252666-44  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 2  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:13 PM - 05:13 PM	76.8	78.8	76.5
05:13 PM - 06:13 PM	77.0	79.7	76.6
06:13 PM - 07:13 PM	77.3	80.8	76.9
07:13 PM - 08:13 PM	76.7	78.8	76.3
08:13 PM - 09:13 PM	76.9	79.4	76.4
09:13 PM - 10:13 PM	77.1	79.0	76.6
10:13 PM - 11:13 PM	76.7	78.6	75.7
11:13 PM - 12:13 AM	76.7	78.4	76.2

Leq Average 8 hrs. (dB(A))

76.9

Lmax (dB(A))

80.8

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354461-1

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**Sample Number** 2252666-45  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 2  
**Measurement Date** Jun 17, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:13 AM - 01:13 AM	76.8	78.5	76.3
01:13 AM - 02:13 AM	76.6	78.1	76.2
02:13 AM - 03:13 AM	76.6	79.3	76.3
03:13 AM - 04:13 AM	76.6	79.0	76.2
04:13 AM - 05:13 AM	76.4	79.2	76.0
05:13 AM - 06:13 AM	76.4	78.5	76.0
06:13 AM - 07:13 AM	77.1	78.7	76.8
07:13 AM - 08:13 AM	77.0	78.9	76.5

Leq Average 8 hrs. (dB(A))

76.7

Lmax (dB(A))

79.3

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354462-1

Page 1 of 1

**Sample Number** 2252666-46  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Steam Turbine  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:27 AM - 09:27 AM	75.7	81.4	75.6
09:27 AM - 10:27 AM	75.6	76.1	75.5
10:27 AM - 11:27 AM	75.7	76.2	75.6
11:27 AM - 12:27 PM	75.7	76.2	75.6
12:27 PM - 01:27 PM	75.6	78.4	75.5
01:27 PM - 02:27 PM	75.7	76.1	75.5
02:27 PM - 03:27 PM	75.8	76.3	75.6
03:27 PM - 04:27 PM	75.7	76.2	75.6

Leq Average 8 hrs. (dB(A))

75.7

Lmax (dB(A))

81.4

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354463-1

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**Sample Number** 2252666-47  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Steam Turbine  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:27 PM - 05:27 PM	75.7	76.3	75.6
05:27 PM - 06:27 PM	77.0	80.4	76.6
06:27 PM - 07:27 PM	76.8	79.7	76.3
07:27 PM - 08:27 PM	75.9	77.6	75.7
08:27 PM - 09:27 PM	75.8	76.6	75.7
09:27 PM - 10:27 PM	75.8	76.4	75.7
10:27 PM - 11:27 PM	76.9	79.8	76.6
11:27 PM - 12:27 AM	78.6	80.8	78.3

Leq Average 8 hrs. (dB(A))

76.7

Lmax (dB(A))

80.8

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354464-1

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**Sample Number** 2252666-48  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Steam Turbine  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:27 AM - 01:27 AM	79.0	80.4	78.6
01:27 AM - 02:27 AM	79.2	80.4	78.8
02:27 AM - 03:27 AM	79.0	80.4	78.7
03:27 AM - 04:27 AM	79.0	80.8	78.7
04:27 AM - 05:27 AM	78.6	80.8	78.3
05:27 AM - 06:27 AM	78.7	80.3	78.4
06:27 AM - 07:27 AM	77.1	82.3	76.8
07:27 AM - 08:27 AM	75.8	79.7	75.6

Leq Average 8 hrs. (dB(A))

78.4

Lmax (dB(A))

82.3

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354465-1

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**Sample Number** 2252666-49  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Steam Turbine  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:27 AM - 09:27 AM	75.8	77.0	75.6
09:27 AM - 10:27 AM	76.4	80.1	76.2
10:27 AM - 11:27 AM	76.1	78.3	75.9
11:27 AM - 12:27 PM	75.8	76.4	75.7
12:27 PM - 01:27 PM	75.8	76.4	75.7
01:27 PM - 02:27 PM	75.8	76.3	75.7
02:27 PM - 03:27 PM	75.7	76.1	75.6
03:27 PM - 04:27 PM	75.9	76.3	75.8

Leq Average 8 hrs. (dB(A))

75.9

Lmax (dB(A))

80.1

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354466-1

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**Sample Number** 2252666-50  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Steam Turbine  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:27 PM - 05:27 PM	76.0	76.5	75.8
05:27 PM - 06:27 PM	77.1	80.2	76.8
06:27 PM - 07:27 PM	76.6	78.8	76.3
07:27 PM - 08:27 PM	76.0	77.0	75.9
08:27 PM - 09:27 PM	76.0	77.0	75.9
09:27 PM - 10:27 PM	76.0	76.7	75.8
10:27 PM - 11:27 PM	77.5	80.4	77.2
11:27 PM - 12:27 AM	79.8	81.6	79.4

Leq Average 8 hrs. (dB(A))

77.1

Lmax (dB(A))

81.6

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354467-1

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**Sample Number** 2252666-51  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Steam Turbine  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:27 AM - 01:27 AM	79.9	81.6	79.5
01:27 AM - 02:27 AM	79.8	81.4	79.4
02:27 AM - 03:27 AM	79.9	81.5	79.4
03:27 AM - 04:27 AM	79.6	81.2	79.1
04:27 AM - 05:27 AM	79.5	81.8	79.1
05:27 AM - 06:27 AM	79.4	81.5	79.0
06:27 AM - 07:27 AM	78.3	82.9	77.8
07:27 AM - 08:27 AM	75.8	77.0	75.7

Leq Average 8 hrs. (dB(A))

79.2

Lmax (dB(A))

82.9

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354468-1

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**Sample Number** 2252666-52  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Steam Turbine  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:27 AM - 09:27 AM	75.8	80.7	75.7
09:27 AM - 10:27 AM	75.8	76.3	75.6
10:27 AM - 11:27 AM	76.1	88.2	75.9
11:27 AM - 12:27 PM	76.7	85.4	76.5
12:27 PM - 01:27 PM	76.1	76.7	76.0
01:27 PM - 02:27 PM	76.0	76.4	75.9
02:27 PM - 03:27 PM	75.9	76.5	75.8
03:27 PM - 04:27 PM	75.9	76.3	75.8

Leq Average 8 hrs. (dB(A))

76.0

Lmax (dB(A))

88.2

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354469-1

Page 1 of 1

**Sample Number** 2252666-53  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Steam Turbine  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:27 PM - 05:27 PM	76.1	76.6	76.0
05:27 PM - 06:27 PM	76.9	80.4	76.6
06:27 PM - 07:27 PM	76.6	79.1	76.3
07:27 PM - 08:27 PM	76.1	77.1	75.9
08:27 PM - 09:27 PM	76.0	76.6	75.9
09:27 PM - 10:27 PM	76.0	77.2	75.8
10:27 PM - 11:27 PM	75.9	76.6	75.8
11:27 PM - 12:27 AM	75.9	76.8	75.8

Leq Average 8 hrs. (dB(A))

76.2

Lmax (dB(A))

80.4

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 23, 2022  
Report Number: 2354470-1

Page 1 of 1

**Sample Number** 2252666-54  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Steam Turbine  
**Measurement Date** Jun 17, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:27 AM - 01:27 AM	75.9	76.7	75.5
01:27 AM - 02:27 AM	76.1	77.5	75.9
02:27 AM - 03:27 AM	76.2	78.0	76.0
03:27 AM - 04:27 AM	76.1	77.7	75.9
04:27 AM - 05:27 AM	75.9	76.4	75.8
05:27 AM - 06:27 AM	75.8	76.3	75.7
06:27 AM - 07:27 AM	75.8	77.7	75.7
07:27 AM - 08:27 AM	75.9	76.4	75.8

Leq Average 8 hrs. (dB(A))

76.0

Lmax (dB(A))

78.0

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ. ๒๕๔๖

**Technical Management**

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)

**Approved by**

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**TESTING**  
**No.0009**  
**Lot ID: 21139593**  
Date Received : Jan 05, 2022  
Date Reported : Jan 13, 2022  
Report Number : 2159445-1

Page 1 of 1

<b>Sample Number</b>	21139593-1
<b>Sampled Date</b>	Jan 05, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อพักน้ำหล่อเย็นที่ 2 หรือ 3 (ขึ้นอยู่กับว่ามีน้ำทิ้งในบ่อพักใด)
<b>Date Analysis Commenced</b>	Jan 06, 2022
<b>Condition of Sample</b>	Contained in two BOD bottles, two plastic bottles, two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Volatile Organics Compounds</b>							
Bromodichloromethane *	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Bromoform *	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Chloroform *	mg/L	0.0002	0.0005	0.0006	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Dibromochloromethane *	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Total Trihalomethane *	mg/L	0.0002	0.001	0.0006080	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
<b>Water Testing</b>							
BOD (5 days at 20 degree C)	mg/L	-	2	<2	≤20	Based on APHA (2017), 5210 B	Bangkok
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	APHA (2017), 4500-Cl(F)	Bangkok
Temperature *	Degree C	-	-	26.9	≤40	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	2528	≤3000	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	6	≤50	Based on APHA (2017), 2540 D	Bangkok

**Guideline :** Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

**Sampled By :** Pongsaton Chait

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

**Technical Management**

*Siriluk P.*

Siriluk Puengpang  
Supervisor

ทะเบียนเลขที่ ว-204-จ-4720

**Approved by**

*Kanokkorn Anek*

Kanokkorn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**TESTING**  
**No.0009**  
**Lot ID: 21139593**  
Date Received : Jan 05, 2022  
Date Reported : Jan 13, 2022  
Report Number : 2159445-2

Page 1 of 1

<b>Sample Number</b>	21139593-1
<b>Sampled Date</b>	Jan 05, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อพักน้ำหล่อเย็นที่ 2 หรือ 3 (ขึ้นอยู่กับว่ามีน้ำทิ้งในบ่อพักใด)
<b>Date Analysis Commenced</b>	Jan 06, 2022
<b>Condition of Sample</b>	Contained in two BOD bottles, two plastic bottles, two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Calcium *	mmol/L	0.0005	0.005	3.31	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Magnesium *	mmol/L	0.003	0.008	2.86	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
SAR *		-	-	2.96	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Sodium *	mmol/L	0.0005	0.005	7.35	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
<b>Water Testing</b>							
Dissolved Oxygen *	mg/L	-	0.1	7.5	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok

**Guideline :** Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

**Sampled By :** Pongsaton Chait

Remark :

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Approved by

Siriluk P.

Siriluk Puengpang  
Supervisor

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**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**TESTING**  
**No.0009**  
**Lot ID: 21139598**  
Date Received : Jan 05, 2022  
Date Reported : Jan 11, 2022  
Report Number : 2159463-1

Page 1 of 1

**Sample Number** 21139598-1  
**Sampled Date** Jan 05, 2022 9:25 AM  
**Sample Description** Wastewater  
**Location** บ่อพักน้ำทิ้งรวม  
**Date Analysis Commenced** Jan 06, 2022  
**Condition of Sample** Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 degree C)	mg/L	-	2	2	≤500	Based on APHA (2017), 5210 B	Bangkok
Oil & Grease	mg/L	-	3	<3	≤10	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Temperature *	Degree C	-	-	27.1	≤45	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	936	≤3000	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	6	≤200	Based on APHA (2017), 2540 D	Bangkok

**Guideline :** Notification of the Industrial Estate Authority of Thailand No.76, B.E. 2560 : Criteria of wastewater characteristic from factory discharge to central wastewater Treatment Plant

**Sampled By :** Pongsaton Chait

Remark :

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Technical Management

Siriluk P.

Siriluk Puengpang  
Supervisor

ทะเบียนเลขที่ ว-204-จ-4720

Approved by

Kanok Korn Anek

Kanok Korn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**TESTING**  
**No.0009**  
**Lot ID: 21147498**  
Date Received : Feb 02, 2022  
Date Reported : Feb 10, 2022  
Report Number : 2179758-1

Page 1 of 1

**Sample Number** 21147498-1  
**Sampled Date** Feb 02, 2022 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อพักน้ำหล่อเย็นที่ 2 หรือ 3 (ขึ้นอยู่กับว่ามีน้ำทิ้งในบ่อพักใด)  
**Date Analysis Commenced** Feb 03, 2022  
**Condition of Sample** Contained in three plastic bottles, two BOD bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 degree C)	mg/L	-	2	<2	≤20	Based on APHA (2017), 5210 B	Bangkok
pH at 25 degree C		-	-	8.2	5.5-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	APHA (2017), 4500-Cl(F)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	2440	≤3000	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	5	≤50	Based on APHA (2017), 2540 D	Bangkok

**Guideline :** Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

**Sampled By :** Aittipon Yaso

Remark :

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Technical Management

*Siriluk P.*

Siriluk Puengpang  
Supervisor

ทะเบียนเลขที่ ว-204-จ-4720

Approved by

*Kanok Korn Anek*

Kanok Korn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

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888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 21147498**

Date Received : Feb 02, 2022

Date Reported : Feb 10, 2022

Report Number : 2179758-2

Page 1 of 1

**Sample Number** 21147498-1  
**Sampled Date** Feb 02, 2022 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อพักน้ำหล่อเย็นที่ 2 หรือ 3 (ขึ้นอยู่กับว่ามีน้ำทิ้งในบ่อพักใด)  
**Date Analysis Commenced** Feb 03, 2022  
**Condition of Sample** Contained in three plastic bottles, two BOD bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Calcium	mmol/L	0.002	0.004	8.04	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Magnesium	mmol/L	0.002	0.004	2.79	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
SAR	-	-	-	3.97	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Sodium	mmol/L	0.002	0.004	13.1	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
<b>Volatile Organics Compounds</b>							
Bromodichloromethane	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Bromoform	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Chloroform	mg/L	0.0002	0.0005	0.001	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Dibromochloromethane	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Total Trihalomethane	mg/L	0.0002	0.001	0.001	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.9	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok
Temperature	Degree C	-	-	30.6	≤40	Based on APHA (2017), 2550 B	Bangkok

**Guideline** : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

**Sampled By** : Aittipon Yaso

Remark :

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Approved by

*Sawitree N.*

Sawitree Noisangiam  
Assistant Manager





## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**TESTING**  
**No.0009**  
**Lot ID: 21147503**  
Date Received : Feb 02, 2022  
Date Reported : Feb 09, 2022  
Report Number : 2179761-1

Page 1 of 1

<b>Sample Number</b>	21147503-1
<b>Sampled Date</b>	Feb 02, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อพักน้ำทิ้งรวม
<b>Date Analysis Commenced</b>	Feb 03, 2022
<b>Condition of Sample</b>	Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 degree C)	mg/L	-	2	6	≤500	Based on APHA (2017), 5210 B	Bangkok
Oil & Grease	mg/L	-	3	<3	≤10	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Temperature *	Degree C	-	-	29.0	≤45	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	1188	≤3000	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	14	≤200	Based on APHA (2017), 2540 D	Bangkok

**Guideline :** Notification of the Industrial Estate Authority of Thailand No.76, B.E. 2560 : Criteria of wastewater characteristic from factory discharge to central wastewater Treatment Plant

**Sampled By :** Aittipon Yaso

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**Technical Management**

*Siriluk P.*

Siriluk Puengpang  
Supervisor

ทะเบียนเลขที่ ว-204-จ-4720

**Approved by**

*Kanok Korn Anek*

Kanokkorn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf BP Co., Ltd.  
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**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2217002**

Date Received : Mar 02, 2022

Date Reported : Mar 10, 2022

Report Number : 2226049-1

Page 1 of 1

**Sample Number** 2217002-1  
**Sampled Date** Mar 02, 2022 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อพักน้ำหล่อเย็นที่ 2 หรือ 3 (ขึ้นอยู่กับว่ามีน้ำทิ้งในบ่อพักใด)  
**Date Analysis Commenced** Mar 03, 2022  
**Condition of Sample** Contained in two BOD bottles, three plastic bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 degree C)	mg/L	-	2	<2	≤20	Based on APHA (2017), 5210 B	Bangkok
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	APHA (2017), 4500-Cl(F)	Bangkok
Temperature *	Degree C	-	-	30.5	≤40	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	2216	≤3000	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	8	≤50	Based on APHA (2017), 2540 D	Bangkok

**Guideline :** Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

**Sampled By :** Pongsaton Chait

Remark :

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Technical Management

*Siriluk P.*

Siriluk Puengpang  
Supervisor

ทะเบียนเลขที่ ว-204-จ-4720

Approved by

*Kanok Korn Anek*

Kanok Korn Anek  
Senior Manager

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**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2217002**

Date Received : Mar 02, 2022

Date Reported : Mar 10, 2022

Report Number : 2226049-2

Page 1 of 1

**Sample Number** 2217002-1  
**Sampled Date** Mar 02, 2022 9:00 AM  
**Sample Description** Wastewater  
**Location** บ่อพักน้ำหล่อเย็นที่ 2 หรือ 3 (ขึ้นอยู่กับว่ามีน้ำทิ้งในบ่อพักใด)  
**Date Analysis Commenced** Mar 03, 2022  
**Condition of Sample** Contained in two BOD bottles, three plastic bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Calcium	mmol/L	0.002	0.004	8.48	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Magnesium	mmol/L	0.002	0.004	2.57	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
SAR		-	-	3.46	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Sodium	mmol/L	0.002	0.004	11.5	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
<b>Volatile Organics Compounds</b>							
Bromodichloromethane	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Bromoform	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Chloroform	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Dibromochloromethane	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Total Trihalomethane	mg/L	0.0002	0.001	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	7.5	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok

**Guideline :** Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

**Sampled By :** Pongsaton Chait

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Approved by

Siriluk P.

Siriluk Puengpang  
Supervisor





## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2217004**  
Date Received : Mar 02, 2022  
Date Reported : Mar 09, 2022  
Report Number : 2226051-1

Page 1 of 1

**Sample Number** 2217004-1  
**Sampled Date** Mar 02, 2022 9:15 AM  
**Sample Description** Wastewater  
**Location** บ่อพักน้ำทิ้งรวม  
**Date Analysis Commenced** Mar 03, 2022  
**Condition of Sample** Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 degree C)	mg/L	-	2	4	≤500	Based on APHA (2017), 5210 B	Bangkok
Oil & Grease	mg/L	-	3	<3	≤10	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C		-	-	7.9	5.5-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Temperature *	Degree C	-	-	29.4	≤45	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	620	≤3000	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	18	≤200	Based on APHA (2017), 2540 D	Bangkok

**Guideline :** Notification of the Industrial Estate Authority of Thailand No.76, B.E. 2560 : Criteria of wastewater characteristic from factory discharge to central wastewater Treatment Plant

**Sampled By :** Pongsaton Chait

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

Siriluk P.

Siriluk Puengpang  
Supervisor

ทะเบียนเลขที่ ว-204-จ-4720

Approved by

Kanokkorn Anek

Kanokkorn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**TESTING**  
**No.0009**  
**Lot ID: 2224487**  
Date Received : Apr 04, 2022  
Date Reported : Apr 11, 2022  
Report Number : 2240895-1

Page 1 of 1

<b>Sample Number</b>	2224487-1
<b>Sampled Date</b>	Apr 04, 2022 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อพักน้ำหล่อเย็นที่ 2 หรือ 3 (ขึ้นอยู่กับว่ามีน้ำทิ้งในบ่อพักใด)
<b>Date Analysis Commenced</b>	Apr 05, 2022
<b>Condition of Sample</b>	Contained in two BOD bottles, two glass vials and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 degree C)	mg/L	-	2	3	≤20	Based on APHA (2017), 5210 B	Bangkok
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	APHA (2017), 4500-Cl(F)	Bangkok
Temperature *	Degree C	-	-	27.0	≤40	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	2292	≤3000	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	20	≤50	Based on APHA (2017), 2540 D	Bangkok

**Guideline :** Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

**Sampled By :** Aittipon Yaso

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

**Technical Management**

*Siriluk P.*

Siriluk Puengpang  
Supervisor

ทะเบียนเลขที่ ว-204-จ-4720

**Approved by**

*Kanok Korn Anek*

Kanok Korn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2224487**

Date Received : Apr 04, 2022  
Date Reported : Apr 12, 2022  
Report Number : 2240895-2

Page 1 of 1

<b>Sample Number</b>	2224487-1
<b>Sampled Date</b>	Apr 04, 2022 9:00 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อพักน้ำหล่อเย็นที่ 2 หรือ 3 (ขึ้นอยู่กับว่ามีน้ำทิ้งในบ่อพักใด)
<b>Date Analysis Commenced</b>	Apr 05, 2022
<b>Condition of Sample</b>	Contained in two BOD bottles, two glass vials and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Calcium	mmol/L	0.002	0.004	7.53	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Magnesium	mmol/L	0.002	0.004	2.52	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
SAR	-	-	-	4.13	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Sodium	mmol/L	0.002	0.004	13.1	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
<b>Volatile Organics Compounds</b>							
Bromodichloromethane	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Bromoform	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Chloroform	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Dibromochloromethane	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Total Trihalomethane	mg/L	0.0002	0.001	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
<b>Water Testing</b>							
Dissolved Oxygen	mg/L	-	0.1	8.7	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok

**Guideline :** Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

**Sampled By :** Aittipon Yaso

Remark :

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Approved by

*Sawitree N.*

Sawitree Noisangiam  
Assistant Manager





## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2224491**  
Date Received : Apr 04, 2022  
Date Reported : Apr 11, 2022  
Report Number : 2240898-1

Page 1 of 1

**Sample Number** 2224491-1  
**Sampled Date** Apr 04, 2022 9:15 AM  
**Sample Description** Wastewater  
**Location** บ่อพักน้ำทิ้งรวม  
**Date Analysis Commenced** Apr 05, 2022  
**Condition of Sample** Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 degree C)	mg/L	-	2	4	≤500	Based on APHA (2017), 5210 B	Bangkok
Oil & Grease	mg/L	-	3	<3	≤10	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C		-	-	7.9	5.5-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Temperature *	Degree C	-	-	26.6	≤45	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	492	≤3000	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	10	≤200	Based on APHA (2017), 2540 D	Bangkok

**Guideline :** Notification of the Industrial Estate Authority of Thailand No.76, B.E. 2560 : Criteria of wastewater characteristic from factory discharge to central wastewater Treatment Plant

**Sampled By :** Aittipon Yaso

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management

Siriluk P.

Siriluk Puengpang  
Supervisor

ทะเบียนเลขที่ ว-204-จ-4720

Approved by

Kanokkorn Anek

Kanokkorn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่4600001491  
**Project Name :** Monitoring EIA  
**Project Location:** GBP

**Lot ID: 2242922**  
Date Received : May 05, 2022  
Date Reported : May 17, 2022  
Report Number : 2280471-1 C9

Page 1 of 1

<b>Sample Number</b>	2242922-1
<b>Sampled Date</b>	May 05, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อพักน้ำหล่อเย็นที่ 2 หรือ 3 (ขึ้นอยู่กับว่ามีน้ำทิ้งในบ่อพักใด)
<b>Date Analysis Commenced</b>	May 06, 2022
<b>Condition of Sample</b>	Contained in two BOD bottles, two vialtwo glass vials, three amber glass bottles and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 degree C)	mg/L	-	2	3	≤20	Based on APHA (2017), 5210 B	Bangkok
pH at 25 degree C		-	-	8.2	5.5-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	APHA (2017), 4500-Cl(F)	Bangkok
Temperature *	Degree C	-	-	28.9	≤40	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	1912	≤3000	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	9	≤50	Based on APHA (2017), 2540 D	Bangkok

**Guideline :** Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

**Sampled By :** Aittipon Yaso

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

*Sawitree N.*

Sawitree Noisangiam  
Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanokkorn Anek*

Kanokkorn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่4600001491  
**Project Name :** Monitoring EIA  
**Project Location:** GBP

**Lot ID: 2242922**

Date Received : May 05, 2022  
Date Reported : May 17, 2022  
Report Number : 2280471-2 C9

Page 1 of 1

<b>Sample Number</b>	2242922-1						
<b>Sampled Date</b>	May 05, 2022 9:10 AM						
<b>Sample Description</b>	Wastewater						
<b>Location</b>	บ่อพักน้ำหล่อเย็นที่ 2 หรือ 3 (ขึ้นอยู่กับว่ามีน้ำทิ้งในบ่อพักใด)						
<b>Date Analysis Commenced</b>	May 06, 2022						
<b>Condition of Sample</b>	Contained in two BOD bottles, two vialtwo glass vials, three amber glass bottles and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Calcium *	mmol/L	0.002	0.004	6.83	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Magnesium *	mmol/L	0.002	0.004	2.12	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
SAR *	-	-	-	4.16	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Sodium *	mmol/L	0.002	0.004	12.5	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
<b>Volatile Organics Compounds</b>							
Bromodichloromethane *	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Bromoform *	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Chloroform *	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Dibromochloromethane *	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Total Trihalomethane *	mg/L	0.0002	0.001	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
<b>Water Testing</b>							
Dissolved Oxygen *	mg/L	-	0.1	7.6	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok

**Guideline :** Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

**Sampled By :** Aittipon Yaso

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Approved by

*Sawitree N.*

Sawitree Noisangiam  
Manager

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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่4600001491  
**Project Name :** Monitoring EIA  
**Project Location:** GBP

**Lot ID: 2242932**

Date Received : May 05, 2022  
Date Reported : May 17, 2022  
Report Number : 2280482-1 C9

Page 1 of 1

**Sample Number** 2242932-1  
**Sampled Date** May 05, 2022 9:30 AM  
**Sample Description** Wastewater  
**Location** บ่อพักน้ำทิ้งรวม  
**Date Analysis Commenced** May 06, 2022  
**Condition of Sample** Contained in two glass vials, three amber glass bottles and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 degree C)	mg/L	-	2	4	≤500	Based on APHA (2017), 5210 B	Bangkok
Oil & Grease	mg/L	-	3	4	≤10	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Temperature *	Degree C	-	-	28.4	≤45	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	1072	≤3000	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	8	≤200	Based on APHA (2017), 2540 D	Bangkok

**Guideline :** Notification of the Industrial Estate Authority of Thailand No.76, B.E. 2560 : Criteria of wastewater characteristic from factory discharge to central wastewater Treatment Plant

**Sampled By :** Aittipon Yaso

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

*Sawitree N.*

Sawitree Noisangiam  
Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanokkorn Anek*

Kanokkorn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

TESTING  
No.0009

Lot ID: 2242922

Date Received : May 05, 2022

Date Reported : May 13, 2022

Report Number : 2280471-1

Client : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

P/O : สัญญาเลขที่4600001491

Project Name : Monitoring EIA

Project Location : GBP

Page 1 of 3

**Sample Number** 2242922-1  
**Sampled Date** May 05, 2022 9:10 AM  
**Sample Description** Wastewater  
**Location** บ่อพักน้ำหล่อเย็นที่ 2 หรือ 3 (ขึ้นอยู่กับว่ามีน้ำทิ้งในบ่อพักใด)  
**Date Analysis Commenced** May 06, 2022  
**Condition of Sample** Contained in two BOD bottles, two vialtwo glass vials, three amber glass bottles and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Arsenic	mg/L	0.0003	0.0005	0.007	≤0.25	Based on APHA (2017), 3125	Bangkok
Barium	mg/L	0.0003	0.0005	0.42	≤1.0	Based on APHA (2017), 3125	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.03	Based on APHA (2017), 3125	Bangkok
Copper	mg/L	0.0003	0.0005	0.01	≤2.0	Based on APHA (2017), 3125	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	<0.01	≤0.25	Based on APHA (2017), 3500-Cr (B)	Bangkok
Lead	mg/L	0.0003	0.0005	0.0005	≤0.2	Based on APHA (2017), 3125	Bangkok
Manganese	mg/L	0.0003	0.0005	0.02	≤5.0	Based on APHA (2017), 3125	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.005	Based on APHA (2017), 3112	Bangkok
Nickel	mg/L	0.0003	0.0005	0.008	≤1.0	Based on APHA (2017), 3125	Bangkok
Selenium	mg/L	0.0003	0.0005	0.0008	≤0.02	Based on APHA (2017), 3125	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	≤0.75	Based on APHA (2017), Calculated	Bangkok
Zinc	mg/L	0.003	0.005	0.41	≤5.0	Based on APHA (2017), 3125	Bangkok
<b>Pesticides - Organochlorine Group</b>							
2,4-DDD	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
2,4-DDE	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
2,4-DDT	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
4,4-DDD	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
4,4-DDE	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
4,4-DDT	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Aldrin	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
alpha-BHC	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok

Technical Management

*Sawitree N.*

Sawitree Noisangiam  
Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanok Korn Anek*

Kanok Korn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

TESTING

No.0009

**Lot ID: 2242922**

Date Received : May 05, 2022

Date Reported : May 13, 2022

Report Number : 2280471-1

**Client :** Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160

**P/O :** สัญญาเลขที่4600001491

**Project Name :** Monitoring EIA

**Project Location :** GBP

Page 2 of 3

<b>Sample Number</b>	2242922-1
<b>Sampled Date</b>	May 05, 2022 9:10 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อพักน้ำหล่อเย็นที่ 2 หรือ 3 (ขึ้นอยู่กับว่ามีน้ำทิ้งในบ่อพักใด)
<b>Date Analysis Commenced</b>	May 06, 2022
<b>Condition of Sample</b>	Contained in two BOD bottles, two vialtwo glass vials, three amber glass bottles and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Pesticides - Organochlorine Group</b>							
beta-BHC	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Chlordane	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
delta-BHC	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Dieldrin	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Endosulfan I	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Endosulfan II	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Endrin	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Heptachlor	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Heptachlor-Epoxide	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Lindane (gamma-BHC)	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Methoxychlor	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
<b>Water Testing</b>							
BOD (5 days at 20 degree C)	mg/L	-	2	3	≤20	Based on APHA (2017), 5210 B	Bangkok
COD	mg/L	1.5	5	35	≤120	Based on APHA (2017), 5220 D	Bangkok
Color (at Original pH) *	ADMI	-	5	25	≤300	APHA (2017), 2120 F	Bangkok
Color (at pH 7.0) *	ADMI	-	5	25	≤300	APHA (2017), 2120 F	Bangkok
Cyanide as CN	mg/L	0.002	0.005	Not Detected	≤0.2	Based on APHA (2017), 4500-CN (C),(E)	Bangkok
Formaldehyde *	mg/L	0.03	0.1	Not Detected	≤1.0	Wastewater Analysis	Bangkok
Oil & Grease	mg/L	-	3	3	≤5	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C	-	-	-	8.2	5.5-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Phenol *	mg/L	0.0005	0.001	Not Detected	≤1.0	Based on APHA (2017), 5530 C	Bangkok

Technical Management

*Sawitree N.*

Sawitree Noisangiam

Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanok Korn Anek*

Kanok Korn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

**Client** : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**TESTING**  
**No.0009**  
**Lot ID: 2242922**  
Date Received : May 05, 2022  
Date Reported : May 13, 2022  
Report Number : 2280471-1

Page 3 of 3

**Sample Number** 2242922-1  
**Sampled Date** May 05, 2022 9:10 AM  
**Sample Description** Wastewater  
**Location** บ่อพักน้ำหล่อเย็นที่ 2 หรือ 3 (ขึ้นอยู่กับว่ามีน้ำทิ้งในบ่อพักใด)  
**Date Analysis Commenced** May 06, 2022  
**Condition of Sample** Contained in two BOD bottles, two vialtwo glass vials, three amber glass bottles and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	APHA (2017), 4500-Cl(F)	Bangkok
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Based on APHA (2017), 4500-S2(C), (F)	Bangkok
Temperature *	Degree C	-	-	28.9	≤40	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	1912	≤3000	Based on APHA (2017), 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	1.8	≤100	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	9	≤50	Based on APHA (2017), 2540 D	Bangkok

**Guideline** : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

**Sampled By** : Aittipon Yaso

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

*Sawitree N.*

Sawitree Noisangiam  
Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanok Korn Anek*

Kanok Korn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

**Client** : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**TESTING**  
**No.0009**  
**Lot ID: 2242922**  
Date Received : May 05, 2022  
Date Reported : May 13, 2022  
Report Number : 2280471-2

Page 1 of 2

<b>Sample Number</b>	2242922-1						
<b>Sampled Date</b>	May 05, 2022 9:10 AM						
<b>Sample Description</b>	Wastewater						
<b>Location</b>	บ่อพักน้ำหล่อเย็นที่ 2 หรือ 3 (ขึ้นอยู่กับว่ามีน้ำทิ้งในบ่อพักใด)						
<b>Date Analysis Commenced</b>	May 06, 2022						
<b>Condition of Sample</b>	Contained in two BOD bottles, two vialtwo glass vials, three amber glass bottles and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Calcium *	mmol/L	0.002	0.004	6.83	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Magnesium *	mmol/L	0.002	0.004	2.12	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
SAR *	-	-	-	4.16	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Sodium *	mmol/L	0.002	0.004	12.5	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
<b>Pesticides - Organochlorine Group</b>							
alpha-Chlordane *	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
gamma-Chlordane *	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Hexachlorobenzene	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Mirex *	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
<b>Volatile Organics Compounds</b>							
Bromodichloromethane *	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Bromoform *	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Chloroform *	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Dibromochloromethane *	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Total Trihalomethane *	mg/L	0.0002	0.001	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
<b>Water Testing</b>							
Ammonia Nitrogen *	mg/L	-	0.06	<0.06	No Standard	Based on APHA (2017), 4500-NH3 (B), (F)	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	7.6	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok
Odour *	-	-	-	Odourless	No Standard	APHA (2017), 2150 B	Bangkok

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Approved by

*Sawitree N.*

Sawitree Noisangiam  
Manager





## Analysis / Test Report

**Client** : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**TESTING**  
**No.0009**  
**Lot ID: 2242922**  
Date Received : May 05, 2022  
Date Reported : May 13, 2022  
Report Number : 2280471-2

Page 2 of 2

**Guideline** : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).  
**Sampled By** : Aittipon Yaso

**Remark :**

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

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Approved by

*Sawitree N.*

Sawitree Noisangiam  
Manager

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## Analysis / Test Report

TESTING

No.0009

**Lot ID: 2242932**

Date Received : May 05, 2022

Date Reported : May 13, 2022

Report Number : 2280482-1

**Client :** Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

**P/O :** สัญญาเลขที่4600001491

**Project Name :** Monitoring EIA

**Project Location:** GBP

Page 1 of 3

<b>Sample Number</b>	2242932-1
<b>Sampled Date</b>	May 05, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อกักน้ำทิ้งรวม
<b>Date Analysis Commenced</b>	May 06, 2022
<b>Condition of Sample</b>	Contained in two glass vials, three amber glass bottles and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Arsenic	mg/L	0.0003	0.0005	0.0009	≤0.25	Based on APHA (2017), 3125	Bangkok
Barium	mg/L	0.0003	0.0005	0.03	≤1.0	Based on APHA (2017), 3125	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.03	Based on APHA (2017), 3125	Bangkok
Copper	mg/L	0.0003	0.0005	0.002	≤2.0	Based on APHA (2017), 3125	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.25	Based on APHA (2017), 3500-Cr (B)	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.2	Based on APHA (2017), 3125	Bangkok
Manganese	mg/L	0.0003	0.0005	0.07	≤5.0	Based on APHA (2017), 3125	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.005	Based on APHA (2017), 3112	Bangkok
Nickel	mg/L	0.0003	0.0005	0.001	≤1.0	Based on APHA (2017), 3125	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.02	Based on APHA (2017), 3125	Bangkok
Silver	mg/L	0.0003	0.0005	Not Detected	≤1.0	Based on APHA (2017), 3125	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	≤0.75	Based on APHA (2017), Calculated	Bangkok
Zinc	mg/L	0.003	0.005	0.03	≤5.0	Based on APHA (2017), 3125	Bangkok
<b>Pesticides - Organochlorine Group</b>							
2,4-DDD	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
2,4-DDE	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
2,4-DDT	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
4,4-DDD	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
4,4-DDE	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
4,4-DDT	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Aldrin	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok

Technical Management

*Sawitree N.*

Sawitree Noisangiam  
Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanok Korn Anek*

Kanok Korn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

**Client** : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**TESTING**  
**No.0009**  
**Lot ID: 2242932**  
Date Received : May 05, 2022  
Date Reported : May 13, 2022  
Report Number : 2280482-1

Page 2 of 3

**Sample Number** 2242932-1  
**Sampled Date** May 05, 2022 9:30 AM  
**Sample Description** Wastewater  
**Location** บ่อพักน้ำทิ้งรวม  
**Date Analysis Commenced** May 06, 2022  
**Condition of Sample** Contained in two glass vials, three amber glass bottles and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Pesticides - Organochlorine Group</b>							
alpha-BHC	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
beta-BHC	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Chlordane	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
delta-BHC	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Dieldrin	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Endosulfan I	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Endosulfan II	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Endrin	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Heptachlor	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Heptachlor-Epoxide	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Lindane (gamma-BHC)	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Methoxychlor	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
<b>Water Testing</b>							
BOD (5 days at 20 degree C)	mg/L	-	2	4	≤500	Based on APHA (2017), 5210 B	Bangkok
COD	mg/L	1.5	5	12	≤750	Based on APHA (2017), 5220 D	Bangkok
Color (at Original pH) *	ADMI	-	5	14	≤600	APHA (2017), 2120 F	Bangkok
Color (at pH 7.0) *	ADMI	-	5	15	≤600	APHA (2017), 2120 F	Bangkok
Cyanide as CN	mg/L	0.002	0.005	<0.005	≤0.2	Based on APHA (2017), 4500-CN (C),(E)	Bangkok
Formaldehyde *	mg/L	0.03	0.1	Not Detected	≤1	Wastewater Analysis	Bangkok
Oil & Grease	mg/L	-	3	4	≤10	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C	-	-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Bangkok

Technical Management

*Savitree N.*

Savitree Noisangiam  
Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanok Korn Anek*

Kanok Korn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

**Client** : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**TESTING**  
**No.0009**  
**Lot ID: 2242932**  
Date Received : May 05, 2022  
Date Reported : May 13, 2022  
Report Number : 2280482-1

Page 3 of 3

**Sample Number** 2242932-1  
**Sampled Date** May 05, 2022 9:30 AM  
**Sample Description** Wastewater  
**Location** บ่อพักน้ำทิ้งรวม  
**Date Analysis Commenced** May 06, 2022  
**Condition of Sample** Contained in two glass vials, three amber glass bottles and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
Phenol *	mg/L	0.0005	0.001	Not Detected	≤1	Based on APHA (2017), 5530 C	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1	APHA (2017), 4500-Cl(F)	Bangkok
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Based on APHA (2017), 4500-S2(C), (F)	Bangkok
Temperature *	Degree C	-	-	28.4	≤45	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	1072	≤3000	Based on APHA (2017), 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	6.1	≤100	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	8	≤200	Based on APHA (2017), 2540 D	Bangkok

**Guideline** : Notification of the Industrial Estate Authority of Thailand No.76, B.E. 2560 : Criteria of wastewater characteristic from factory discharge to central wastewater Treatment Plant

**Sampled By** : Aittipon Yaso

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

*Sawitree N.*

Sawitree Noisangiam  
Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

*Kanok Korn Anek*

Kanok Korn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

TESTING

No.0009

**Lot ID: 2242932**

Date Received : May 05, 2022

Date Reported : May 13, 2022

Report Number : 2280482-2

**Client** : Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

**P/O** : สัญญาเลขที่4600001491

**Project Name** : Monitoring EIA

**Project Location** : GBP

Page 1 of 1

<b>Sample Number</b>	2242932-1						
<b>Sampled Date</b>	May 05, 2022 9:30 AM						
<b>Sample Description</b>	Wastewater						
<b>Location</b>	บ่อพักน้ำทิ้งรวม						
<b>Date Analysis Commenced</b>	May 06, 2022						
<b>Condition of Sample</b>	Contained in two glass vials, three amber glass bottles and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Iron	mg/L	0.003	0.005	0.20	≤10.0	Based on APHA (2017), 3125	Bangkok
<b>Pesticides - Organochlorine Group</b>							
alpha-Chlordane *	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
gamma-Chlordane *	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Hexachlorobenzene	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
Mirex *	ug/L	0.001	0.02	Not Detected	Not Detected	Based on APHA (2017), 6630 C	Bangkok
<b>Water Testing</b>							
Anionic Surfactant as MBAS *	mg/L	0.015	0.05	0.13	≤30	Based on APHA (2017), 5540 (B),(C)	Bangkok
Fluoride as F *	mg/L	0.15	0.5	<0.5	≤5	Based on APHA (2017), 4500-F (C)	Bangkok
Odour *		-	-	Odourless	Non Objectionable	APHA (2017), 2150 B	Bangkok

**Guideline** : Notification of the Industrial Estate Authority of Thailand No.76, B.E. 2560 : Criteria of wastewater characteristic from factory discharge to central wastewater Treatment Plant

**Sampled By** : Aittipon Yaso

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Approved by

*Sawitree N.*

Sawitree Noisangiam  
Manager





## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**TESTING**  
**No.0009**  
**Lot ID: 2252720**  
Date Received : Jun 01, 2022  
Date Reported : Jun 10, 2022  
Report Number : 2301242-1

Page 1 of 1

**Sample Number** 2252720-1  
**Sampled Date** Jun 01, 2022 9:30 AM  
**Sample Description** Wastewater  
**Location** บ่อพักน้ำหล่อเย็นที่ 2 หรือ 3 (ขึ้นอยู่กับว่ามีน้ำทิ้งในบ่อพักใด)  
**Date Analysis Commenced** Jun 02, 2022  
**Condition of Sample** Contained in two vials, two BOD bottles and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 degree C)	mg/L	-	2	3	≤20	Based on APHA (2017), 5210 B	Bangkok
pH at 25 degree C		-	-	8.2	5.5-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	0.2	≤1.0	APHA (2017), 4500-Cl(F)	Bangkok
Temperature *	Degree C	-	-	32.6	≤40	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	2428	≤3000	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	8	≤50	Based on APHA (2017), 2540 D	Bangkok

**Guideline :** Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

**Sampled By :** Aittipon Yaso

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**

*Siriluk P.*

Siriluk Puengpang  
Supervisor

ทะเบียนเลขที่ ว-204-จ-4720

**Approved by**

*Kanok Korn Anek*

Kanok Korn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

TESTING

No.0009

**Lot ID: 2252720**

Date Received : Jun 01, 2022

Date Reported : Jun 10, 2022

Report Number : 2301242-2

**Client :** Gulf BP Co., Ltd.

888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160

**P/O :** สัญญาเลขที่4600001491

**Project Name :** Monitoring EIA

**Project Location :** GBP

Page 1 of 1

<b>Sample Number</b>	2252720-1
<b>Sampled Date</b>	Jun 01, 2022 9:30 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อกักน้ำหล่อเย็นที่ 2 หรือ 3 (ขึ้นอยู่กับว่ามีน้ำทิ้งในบ่อกักใด)
<b>Date Analysis Commenced</b>	Jun 02, 2022
<b>Condition of Sample</b>	Contained in two vials, two BOD bottles and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Metals Testing</b>							
Calcium *	mmol/L	0.002	0.004	8.24	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Magnesium *	mmol/L	0.002	0.004	2.37	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
SAR *	-	-	-	4.03	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Sodium *	mmol/L	0.002	0.004	13.1	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
<b>Volatile Organics Compounds</b>							
Bromodichloromethane *	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Bromoform *	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Chloroform *	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Dibromochloromethane *	mg/L	0.0002	0.0005	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Total Trihalomethane *	mg/L	0.0002	0.001	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
<b>Water Testing</b>							
Dissolved Oxygen *	mg/L	-	0.1	7.6	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok

**Guideline :** Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

**Sampled By :** Aittipon Yaso

Remark :

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Approved by

*Sawitree N.*

Sawitree Noisangiam  
Manager





## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**TESTING**  
**No.0009**  
**Lot ID: 2242927**  
Date Received : Jun 01, 2022  
Date Reported : Jun 08, 2022  
Report Number : 2280477-1

Page 1 of 1

<b>Sample Number</b>	2242927-1
<b>Sampled Date</b>	Jun 01, 2022 9:40 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อพักน้ำทิ้งรวม
<b>Date Analysis Commenced</b>	Jun 02, 2022
<b>Condition of Sample</b>	Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 degree C)	mg/L	-	2	4	≤500	Based on APHA (2017), 5210 B	Bangkok
Oil & Grease	mg/L	-	3	4	≤10	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C		-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Temperature *	Degree C	-	-	31.5	≤45	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	528	≤3000	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤200	Based on APHA (2017), 2540 D	Bangkok

**Guideline :** Notification of the Industrial Estate Authority of Thailand No.76, B.E. 2560 : Criteria of wastewater characteristic from factory discharge to central wastewater Treatment Plant

**Sampled By :** Aittipon Yaso

Remark :

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**Technical Management**

*Siriluk P.*

Siriluk Puengpang  
Supervisor

ทะเบียนเลขที่ ว-204-จ-4720

**Approved by**

*Kanokkorn Anek*

Kanokkorn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**TESTING**  
**No.0009**  
**Lot ID: 2240059**  
Date Received : May 05, 2022  
Date Reported : May 24, 2022  
Report Number : 2274149-1 C9

Page 1 of 2

<b>Sample Number</b>	2240059-1							
<b>Sampled Date</b>	May 05, 2022 11:50 AM							
<b>Sample Description</b>	Surface water							
<b>Location</b>	แม่น้ำเจ้าพระยาบริเวณหน้าวัดบ้านพาสน์							
<b>Date Analysis Commenced</b>	May 06, 2022							
<b>Condition of Sample</b>	Contained in two vials, two BOD bottles and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)							
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
<b>Metals Testing</b>								
Calcium *	mmol/L	0.002	0.004	0.96	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Magnesium *	mmol/L	0.002	0.004	0.35	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
SAR *	-	-	-	1.44	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Sodium *	mmol/L	0.002	0.004	1.64	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
<b>Volatile Organics Compounds</b>								
Bromodichloromethane *	mg/L	0.0002	0.0005	Not Detected	No Standard	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Bromoform *	mg/L	0.0002	0.0005	Not Detected	No Standard	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Chloroform *	mg/L	0.0002	0.0005	Not Detected	No Standard	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Dibromochloromethane *	mg/L	0.0002	0.0005	Not Detected	No Standard	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Total Trihalomethane *	mg/L	0.0002	0.001	Not Detected	No Standard	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
<b>Water Testing</b>								
BOD (5 days at 20 degree C) *	mg/L	-	2	<2	≤2	≤4	Based on APHA (2017), 5210 B	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	436	No Standard	No Standard	Based on APHA (2017), 2510 B	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	4.4	≥4	≥2	Based on APHA (2017), 4500-O (C)	Bangkok
pH at 25 degree C	-	-	-	7.1	5.0-9.0	5.0-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	No Standard	No Standard	APHA (2017), 4500-Cl(F)	Bangkok
Temperature *	Degree C	-	-	30.2	(c)	(c)	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	260	No Standard	No Standard	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	14	No Standard	No Standard	Based on APHA (2017), 2540 D	Bangkok

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*Sawitree N.*

Sawitree Noisangiam  
Manager

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**TESTING**  
**No.0009**  
**Lot ID: 2240059**  
Date Received : May 05, 2022  
Date Reported : May 24, 2022  
Report Number : 2274149-1 C9

Page 2 of 2

**Guideline :** (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)  
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)  
(a) Not Change from natural condition  
(b) Non Objectionable  
(c) Change from Natural condition not more than 3 degree C

**Sampled By :** Aittipon Yaso

**Remark :**

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Sawitree Noisangiam  
Manager

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**TESTING**  
**No.0009**  
**Lot ID: 2240061**  
Date Received : May 05, 2022  
Date Reported : May 24, 2022  
Report Number : 2274156-1 C9

Page 1 of 2

<b>Sample Number</b>	2240061-1							
<b>Sampled Date</b>	May 05, 2022 12:30 PM							
<b>Sample Description</b>	Surface water							
<b>Location</b>	ระหว่างจุดระบายน้ำทิ้งของนิคมไฮเทค และ ประตุน้ำบ้านเลน							
<b>Date Analysis Commenced</b>	May 06, 2022							
<b>Condition of Sample</b>	Contained in two vials, two BOD bottles and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)							
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
<b>Metals Testing</b>								
Calcium *	mmol/L	0.002	0.004	2.27	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Magnesium *	mmol/L	0.002	0.004	0.30	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
SAR *	-	-	-	4.28	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Sodium *	mmol/L	0.002	0.004	6.87	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
<b>Volatile Organics Compounds</b>								
Bromodichloromethane *	mg/L	0.0002	0.0005	Not Detected	No Standard	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Bromoform *	mg/L	0.0002	0.0005	Not Detected	No Standard	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Chloroform *	mg/L	0.0002	0.0005	Not Detected	No Standard	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Dibromochloromethane *	mg/L	0.0002	0.0005	Not Detected	No Standard	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Total Trihalomethane *	mg/L	0.0002	0.001	Not Detected	No Standard	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
<b>Water Testing</b>								
BOD (5 days at 20 degree C) *	mg/L	-	2	4	≤2	≤4	Based on APHA (2017), 5210 B	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	1389	No Standard	No Standard	Based on APHA (2017), 2510 B	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	4.5	≥4	≥2	Based on APHA (2017), 4500-O (C)	Bangkok
pH at 25 degree C	-	-	-	7.3	5.0-9.0	5.0-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	No Standard	No Standard	APHA (2017), 4500-Cl(F)	Bangkok
Temperature *	Degree C	-	-	29.0	(c)	(c)	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	838	No Standard	No Standard	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	18	No Standard	No Standard	Based on APHA (2017), 2540 D	Bangkok

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Approved by

*Sawitree N.*

Sawitree Noisangiam  
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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**TESTING**  
**No.0009**  
**Lot ID: 2240061**  
Date Received : May 05, 2022  
Date Reported : May 24, 2022  
Report Number : 2274156-1 C9

Page 2 of 2

**Guideline :** (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)  
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)  
(a) Not Change from natural condition  
(b) Non Objectionable  
(c) Change from Natural condition not more than 3 degree C

**Sampled By :** Aittipon Yaso

**Remark :**

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**TESTING**  
**No.0009**  
**Lot ID: 2240066**  
Date Received : May 05, 2022  
Date Reported : May 24, 2022  
Report Number : 2274166-1 C9

Page 1 of 2

<b>Sample Number</b>	2240066-1							
<b>Sampled Date</b>	May 05, 2022 12:15 PM							
<b>Sample Description</b>	Surface water							
<b>Location</b>	คลองลัดแม่น้ำเจ้าพระยาบริเวณหมู่ 3 ตำบลบ้านเลน							
<b>Date Analysis Commenced</b>	May 06, 2022							
<b>Condition of Sample</b>	Contained in two vials, two BOD bottles and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)							
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
<b>Metals Testing</b>								
Calcium *	mmol/L	0.002	0.004	0.92	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Magnesium *	mmol/L	0.002	0.004	0.34	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
SAR *	-	-	-	1.40	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Sodium *	mmol/L	0.002	0.004	1.57	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
<b>Volatile Organics Compounds</b>								
Bromodichloromethane *	mg/L	0.0002	0.0005	Not Detected	No Standard	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Bromoform *	mg/L	0.0002	0.0005	Not Detected	No Standard	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Chloroform *	mg/L	0.0002	0.0005	Not Detected	No Standard	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Dibromochloromethane *	mg/L	0.0002	0.0005	Not Detected	No Standard	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Total Trihalomethane *	mg/L	0.0002	0.001	Not Detected	No Standard	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
<b>Water Testing</b>								
BOD (5 days at 20 degree C) *	mg/L	-	2	<2	≤2	≤4	Based on APHA (2017), 5210 B	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	446	No Standard	No Standard	Based on APHA (2017), 2510 B	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	4.7	≥4	≥2	Based on APHA (2017), 4500-O (C)	Bangkok
pH at 25 degree C	-	-	-	7.4	5.0-9.0	5.0-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	<0.1	No Standard	No Standard	APHA (2017), 4500-Cl(F)	Bangkok
Temperature *	Degree C	-	-	30.2	(c)	(c)	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	278	No Standard	No Standard	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	18	No Standard	No Standard	Based on APHA (2017), 2540 D	Bangkok

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**TESTING**  
**No.0009**  
**Lot ID: 2240066**  
Date Received : May 05, 2022  
Date Reported : May 24, 2022  
Report Number : 2274166-1 C9

Page 2 of 2

**Guideline :** (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)  
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)  
(a) Not Change from natural condition  
(b) Non Objectionable  
(c) Change from Natural condition not more than 3 degree C

**Sampled By :** Aittipon Yaso

**Remark :**

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2240074**

Date Received : May 05, 2022  
Date Reported : May 17, 2022  
Report Number : 2274183-1 C9

Page 1 of 1

**Sample Number** 2240074-1  
**Sampling Date** May 05, 2022 12:50 PM  
**Sample Description** Soil  
**Location** ระหว่างจุดระบายน้ำทั้งของนิคมอุตสาหกรรมบ้านหว้ากับประตูระบายน้ำบ้านเลน  
**Date Analysis Commenced** May 06, 2022  
**Condition of Sample** Packed in one plastic bag and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Chemical Testing</b>						
Chloride	mg/kg	-	10	207	Soil Chemical Methods - Australasia (2011)	Bangkok
Conductivity aqueous phase 10% (W/V)	micromhos/cm	-	-	114	Soil Chemical Methods - Australasia (2011)	Bangkok
Salinity	ppt	-	0.01	0.06	Soil Chemical Methods - Australasia (2011)	Bangkok
<b>Metals Testing</b>						
Calcium	mg/kg	-	20.0	2245	Based on US EPA, Method 3050B and 6010D	Bangkok
Magnesium	mg/kg	-	20.0	742	Based on US EPA, Method 3050B and 6010D	Bangkok
Sodium	mg/kg	-	20.0	163	Based on US EPA, Method 3050B and 6010D	Bangkok
<b>Soil Testing</b>						
pH aqueous phase 50% (w/v) Dry basis		-	-	6.6	Based on US EPA, Method 9045D	Bangkok
Residual Chlorine	mg/kg	-	0.1	0.1	ISE Application	Bangkok
<b>Volatile Organics Compounds</b>						
Bromoform	mg/kg	-	0.2	<0.2	Based on US EPA, Method 5035 and 8260D	Bangkok
Chloroform	mg/kg	-	0.2	<0.2	Based on US EPA, Method 5035 and 8260D	Bangkok
Dibromochloromethane	mg/kg	-	0.2	<0.2	Based on US EPA, Method 5035 and 8260D	Bangkok
Dichlorobromomethane	mg/kg	-	0.2	<0.2	Based on US EPA, Method 5035 and 8260D	Bangkok

**Sampling By :** Aittipon Yaso

Remark :

- LOD : Limit of Detection
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สถานีวิจัยประมงศรีราชา  
101/12 หมู่ 9 ต. บางพระ  
อ. ศรีราชา จ. ชลบุรี 20110  
โทร./โทรสาร. (038) 311379

Client : Gulf BP Co.,Ltd

Address : 888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand, 13160

Project Name : Monitoring EIA

Project Location : GBP

รายงานผลการวิเคราะห์แพลงก์ตอนพืช

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 5 พฤษภาคม 2565)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลิตร)
	2240080-1
<b>Division Cyanophyta</b> <b>Class Cyanophyceae</b> <b>Order Nostocales</b> <b>Family Oscillatoriaceae</b> 1. <i>Lyngbya</i> sp. 2. <i>Oscillatoria tenuis</i>	    350 15
<b>Division Chlorophyta</b> <b>Class Chlorophyceae</b> <b>Order Volvocales</b> <b>Family Volvocaceae</b> 3. <i>Eudorina elegans</i> <b>Order Chlorococcales</b> <b>Family Hydrodictyaceae</b> 4. <i>Pediastrum duplex</i>	    3,679  44



**ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช** (เก็บตัวอย่างวันที่ 5 พฤษภาคม 2565)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลิตร)
	2240080-1
5. <i>Pediastrum simplex</i>	44
<b>Family Oocystaceae</b>	
6. <i>Ankistrodesmus falcatus</i>	336
7. <i>Chlorella vulgaris</i>	29
8. <i>Dictyosphaerium pulchellum</i>	102
<b>Family Scenedesmaceae</b>	
9. <i>Crucigenia apiculata</i>	292
10. <i>Scenedesmus armatus</i>	409
11. <i>Scenedesmus dimorplus</i>	1,168
12. <i>Scenedesmus opoliensis</i>	642
<b>Order Zygomatales</b>	
<b>Family Desmidiaceae</b>	
13. <i>Closterium acerosum</i>	15
<b>Class Euglenophyceae</b>	
<b>Order Euglenales</b>	
<b>Family Euglenaceae</b>	
14. <i>Euglena oxyuris</i>	204
15. <i>Euglena viridis</i>	423
16. <i>Lepocinclis ovum</i>	934
17. <i>Phacus angulatus</i>	175
18. <i>Phacus hamatus</i>	219
19. <i>Phacus longicauda</i>	58
20. <i>Phacus ranula</i>	44
21. <i>Phacus</i> sp.	146
22. <i>Phacus tortus</i>	394
23. <i>Strombomonas girardiana</i>	234



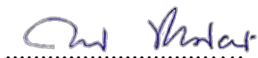
ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 5 พฤษภาคม 2565)  
(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลิตร)
	2240080-1
<b>Division Chromophyta</b>  <b>Class Bacillariophyceae</b>  <b>Order Biddulphiales</b>  <b>Suborder Coscinodiscineae</b>  <b>Family Thalassiosiraceae</b> 24. <i>Cyclotella stelligera</i> 562,100  <b>Family Aulacoseiraceae</b> 25. <i>Aulacoseira baicalensis</i> 365 26. <i>Aulacoseira granulata</i> 248  <b>Order Bacillariales</b>  <b>Suborder Fragilariineae</b>  <b>Family Fragilariaceae</b> 27. <i>Fragilaria capucina</i> 117 28. <i>Synedra ulna</i> 15  <b>Suborder Bacillariineae</b>  <b>Family Cymbellaceae</b> 29. <i>Gomphonema parvulum</i> 29  <b>Family Naviculaceae</b> 30. <i>Navicula cuspidata</i> 73 31. <i>Navicula lanceolata</i> 88  <b>Family Bacillariaceae</b> 32. <i>Tryblionella hungarica</i> 29	
ชนิดแพลงก์ตอนพืช	32
ปริมาณแพลงก์ตอนพืช	573,020
ดัชนีความหลากหลายแพลงก์ตอนพืช	0.1431
ดัชนีความสม่ำเสมอแพลงก์ตอนพืช	0.0413



**Sample Location :** 1. สถานี 2240080-1 : ระหว่างจุดระบายน้ำทิ้งของนิคมอุตสาหกรรมบ้านหว้ากับ  
ประตูระบายน้ำบ้านเลน

**Condition of Sample :** contained in one plastic bottle, sample containers comply to pretreatment-  
preservation standards (APHA, USEPA)



(นางสาวกนกวรรณ ขาวดอน)  
ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)  
หัวหน้าสถานีวิจัยประมงศรีราชา





สถานีวิจัยประมงศรีราชา  
101/12 หมู่ 9 ต. บางพระ  
อ. ศรีราชา จ. ชลบุรี 20110  
โทร./โทรสาร. (038) 311379

Client : Gulf BP Co.,Ltd

Address : 888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand, 13160

Project Name : Monitoring EIA

Project Location : GBP

รายงานผลการวิเคราะห์แพลงก์ตอนสัตว์

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 5 พฤษภาคม 2565)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลิตร)
	2240080-1
<b>Phylum Protozoa</b>	
<b>Subphylum Plasmodroma</b>	
<b>Class Sarcodina</b>	
<b>Subclass Rhizopoda</b>	
<b>Order Testacida</b>	
<b>Family Arcellidae</b>	
1. <i>Arcella</i> sp.	15
2. <i>Arcella vulgaris</i>	15
<b>Family Diffugiidae</b>	
3. <i>Centropyxis aculeata</i>	15
4. <i>Diffugia acuminata</i>	58



ตาราง ผลการวิเคราะห์แฟลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 5 พฤษภาคม 2565)  
(ต่อ)

ชนิดแฟลงก์ตอนสัตว์	ปริมาณแฟลงก์ตอนสัตว์ (หน่วยต่อลิตร)
	2240080-1
<b>Subphylum Ciliophora</b> <b>Class Ciliata</b> <b>Subclass Holotricha</b> <b>Order Gymnostomatida</b> 5. <i>Didinium</i> sp.	15
<b>Phylum Rotifera</b> <b>Class Monogononta</b> <b>Order Ploima</b> <b>Family Brachionidae</b> 6. <i>Anuraeopsis fissa</i> 7. <i>Brachionus angularis</i> 8. <i>Brachionus calyciflorus</i> 9. <i>Brachionus plicatilis</i> <b>Family Lecanidae</b> 10. <i>Lecane decipiens</i> 11. <i>Lecane stichaea</i> <b>Family Notommatidae</b> 12. <i>Cephalodella gibba</i> <b>Family Tricercidae</b> 13. <i>Trichocerca pusilla</i> <b>Family Synchaetidae</b> 14. <i>Polyarthra vulgaris</i> <b>Order Flosculariacea</b> <b>Family Hexarthridae</b> 15. <i>Hexarthra mira</i>	102 117 511 248 15 29 102 29 131 15



**ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 5 พฤษภาคม 2565)**

(ต่อ)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลิตร)
	2240080-1
<b>Class Digononta</b> <b>Family Philodinidae</b> 16. <i>Rotaria rotatoria</i>	15
<b>Phylum Arthropoda</b> <b>Class Crustacea</b> <b>Subclass Branchiopoda</b> <b>Order Diplostraca</b> <b>Suborder Cladocera</b> <b>Family Monidae</b> 17. <i>Moina macrocopa</i>	29
<b>Subclass Copepoda</b> 18. Copepod nauplii	263
<b>Order Cyclopoida</b> 19. Cyclopoid copepod	29
<b>ชนิดแพลงก์ตอนสัตว์</b>	<b>19</b>
<b>ปริมาณแพลงก์ตอนสัตว์</b>	<b>1,753</b>
<b>ดัชนีความหลากหลายแพลงก์ตอนสัตว์</b>	<b>2.2955</b>
<b>ดัชนีความสม่ำเสมอแพลงก์ตอนสัตว์</b>	<b>0.7796</b>

**Sample Location :** 1. สถานี 2240080-1 : ระหว่างจุดระบายน้ำทิ้งของนิคมอุตสาหกรรมบ้านหว้ากับ  
ประตูระบายน้ำบ้านเลน

**Condition of Sample :** contained in one plastic bottle, sample containers comply to pretreatment-  
preservation standards (APHA, USEPA)



(นางสาวกนกวรรณ ขาวอ่อน)

ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา





สถานีวิจัยประมงศรีราชา  
101/12 หมู่ 9 ต. บางพระ  
อ. ศรีราชา จ. ชลบุรี 20110  
โทร./โทรสาร. (038) 311379

Client : Gulf BP Co.,Ltd

Address : 888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand, 13160

Project Name : Monitoring EIA

Project Location : GBP

รายงานผลการวิเคราะห์สัตว์หน้าดิน

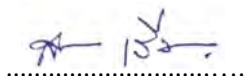
ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 5 พฤษภาคม 2565)

ชนิดสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัว/ตารางเมตร)
	2240081-1
Phylum Arthropoda Class Insecta Order Diptera Family Chironomidae <i>Chironomus</i> sp. (หนอนแดง)	149
Phylum Mollusca Class Gastropoda Order Architenioglossa Family Thiaridae <i>Melanoides</i> sp. (หอยเจดีย์)	60
รวมจำนวนสกุลที่พบทั้งหมด	2
รวมปริมาณที่พบทั้งหมด	209
ค่าดัชนีความหลากหลาย	0.5995



**Sample Location :** 1. สถานี 2240081-1 : ระหว่างจุดระบายน้ำทิ้งของนิคมอุตสาหกรรมบ้านหว้ากับประตูระบายน้ำบ้านเลน

**Condition of Sample :** contained in one plastic zip bag



(นายสาโรจน์ เริ่มคำริห์)

ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา





## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**TESTING**  
**No.0009**  
**Lot ID: 2242944**  
Date Received : May 11, 2022  
Date Reported : May 20, 2022  
Report Number : 2319196-1

Page 1 of 1

<b>Sample Number</b>	2242944-1						
<b>Sampled Date</b>	May 11, 2022 10:45 AM						
<b>Sample Description</b>	Ground Water						
<b>Location</b>	บ่อสังเกต monitoring well : Up gradient (GPS 47P 673047, 1576406)						
<b>Date Analysis Commenced</b>	May 12, 2022						
<b>Condition of Sample</b>	Contained in two BOD bottles, two vials, two amber glass bottles and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Volatile Organics Compounds</b>							
Bromodichloromethane *	mg/L	0.0002	0.0005	Not Detected	0.8	Based on US EPA, Method 5030B and 8260D	Bangkok
Bromoform *	mg/L	0.0002	0.0005	Not Detected	6.0	Based on US EPA, Method 5030B and 8260D	Bangkok
Chloroform *	mg/L	0.0002	0.0005	Not Detected	8.0	Based on US EPA, Method 5030B and 8260D	Bangkok
Dibromochloromethane *	mg/L	0.0002	0.0005	Not Detected	0.6	Based on US EPA, Method 5030B and 8260D	Bangkok
Total Trihalomethane *	mg/L	0.0002	0.001	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
<b>Water Testing</b>							
pH at 25 degree C		-	-	6.9	6.5-9.2 (I)	Based on APHA (2017), 4500-H (B)	Bangkok

**Guideline :** Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

(I): ในกรณีที่มีการปนเปื้อนของกรดหรือด่างให้เปรียบเทียบผลวิเคราะห์ค่าพีเอชจากจุดเก็บตัวอย่างบ่อน้ำที่ใช้ในการติดตามตรวจสอบการปนเปื้อนกับผลวิเคราะห์จากจุดเก็บตัวอย่างบ่อน้ำที่ใช่เป็นบ่ออ้างอิงบนทิศทางการไหลของน้ำใต้ดินในพื้นที่ โดยค่าพีเอชที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐานคุณภาพน้ำบาดาลที่เขตรัฐบาลคือ 6.5-9.2

**Sampled By :** Pongsaton Chaitip

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

**Technical Management**

*Siriluk P.*

Siriluk Puengpang  
Supervisor

ทะเบียนเลขที่ ว-204-จ-4720

**Approved by**

*Kanok Korn Anek*

Kanok Korn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242944**

Date Received : May 11, 2022  
Date Reported : May 20, 2022  
Report Number : 2319196-2

Page 1 of 1

<b>Sample Number</b>	2242944-1
<b>Sampled Date</b>	May 11, 2022 10:45 AM
<b>Sample Description</b>	Ground Water
<b>Location</b>	บ่อบึงเขต monitoring well : Up gradient (GPS 47P 673047, 1576406)
<b>Date Analysis Commenced</b>	May 12, 2022
<b>Condition of Sample</b>	Contained in two BOD bottles, two vials, two amber glass bottles and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 degree C)	mg/L	-	2	<2	No Standard	Based on APHA (2017), 5210 B	Bangkok
Conductivity (Onsite)	micromhos/cm	-	-	8162	No Standard	Based on APHA (2017), 2510 B	Bangkok
Dissolved Oxygen	mg/L	-	0.1	1.3	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok
Oil & Grease	mg/L	-	3	<3	No Standard	Based on APHA (2017), 5520 B	Bangkok
Residual Free Chlorine	mg/L	-	0.1	<0.1	No Standard	APHA (2017), 4500-Cl(F)	Bangkok
Temperature	Degree C	-	-	30.8	No Standard	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	5004	No Standard	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	36	No Standard	Based on APHA (2017), 2540 D	Bangkok

**Guideline :** Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

**Sampled By :** Pongsaton Chaitip

Remark :

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Approved by

Siriluk P.

Siriluk Puenggang  
Supervisor

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## Analysis / Test Report

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888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**TESTING**  
**No.0009**  
**Lot ID: 2242944**  
Date Received : May 11, 2022  
Date Reported : May 20, 2022  
Report Number : 2319197-1

Page 1 of 1

<b>Sample Number</b>	2242944-2						
<b>Sampled Date</b>	May 11, 2022 12:00 PM						
<b>Sample Description</b>	Ground Water						
<b>Location</b>	บ่อสังเกต monitoring well : Down Gradient (GPS 47P 672883, 1576411)						
<b>Date Analysis Commenced</b>	May 12, 2022						
<b>Condition of Sample</b>	Contained in two BOD bottles, two vials, two amber glass bottles and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Volatile Organics Compounds</b>							
Bromodichloromethane *	mg/L	0.0002	0.0005	Not Detected	0.8	Based on US EPA, Method 5030B and 8260D	Bangkok
Bromoform *	mg/L	0.0002	0.0005	Not Detected	6.0	Based on US EPA, Method 5030B and 8260D	Bangkok
Chloroform *	mg/L	0.0002	0.0005	Not Detected	8.0	Based on US EPA, Method 5030B and 8260D	Bangkok
Dibromochloromethane *	mg/L	0.0002	0.0005	Not Detected	0.6	Based on US EPA, Method 5030B and 8260D	Bangkok
Total Trihalomethane *	mg/L	0.0002	0.001	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.2	6.5-9.2 (I)	Based on APHA (2017), 4500-H (B)	Bangkok

**Guideline :** Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

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**Sampled By :** Pongsaton Chaitip

Remark :

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- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

**Technical Management**

*Siriluk P.*

Siriluk Puengpang  
Supervisor

ทะเบียนเลขที่ ว-204-จ-4720

**Approved by**

*Kanok Korn Anek*

Kanok Korn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2242944**

Date Received : May 11, 2022

Date Reported : May 20, 2022

Report Number : 2319197-2

Page 1 of 1

<b>Sample Number</b>	2242944-2
<b>Sampled Date</b>	May 11, 2022 12:00 PM
<b>Sample Description</b>	Ground Water
<b>Location</b>	บ่อบึงเขต monitoring well : Down Gradient (GPS 47P 672883, 1576411)
<b>Date Analysis Commenced</b>	May 12, 2022
<b>Condition of Sample</b>	Contained in two BOD bottles, two vials, two amber glass bottles and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 degree C)	mg/L	-	2	<2	No Standard	Based on APHA (2017), 5210 B	Bangkok
Conductivity (Onsite)	micromhos/cm	-	-	8394	No Standard	Based on APHA (2017), 2510 B	Bangkok
Dissolved Oxygen	mg/L	-	0.1	1.6	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok
Oil & Grease	mg/L	-	3	<3	No Standard	Based on APHA (2017), 5520 B	Bangkok
Residual Free Chlorine	mg/L	-	0.1	<0.1	No Standard	APHA (2017), 4500-Cl(F)	Bangkok
Temperature	Degree C	-	-	31.2	No Standard	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	5692	No Standard	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	27	No Standard	Based on APHA (2017), 2540 D	Bangkok

**Guideline :** Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

**Sampled By :** Pongsaton Chaitip

Remark :

- LOD : Limit of Detection
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Approved by

Siriluk P.

Siriluk Puenggang  
Supervisor

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2217009**

Date Received : Mar 16, 2022  
Date Reported : Mar 22, 2022  
Report Number: 2268093-1

Page 1 of 1

**Sample Number** 2217009-1  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Cooling Tower  
**Measurement Date** Mar 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
07:46 AM - 08:46 AM	82.1	82.5	82.0
08:46 AM - 09:46 AM	82.0	82.6	81.9
09:46 AM - 10:46 AM	82.0	83.1	81.8
10:46 AM - 11:46 AM	81.8	82.3	81.7
11:46 AM - 12:46 PM	81.7	82.1	81.6
12:46 PM - 01:46 PM	81.7	82.5	81.6
01:46 PM - 02:46 PM	81.7	82.4	81.6
02:46 PM - 03:46 PM	81.6	82.5	81.5

Leq Average 8 hrs. (dB(A))

81.8

Lmax (dB(A))

83.1

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

**Technical Management**

Sararat Mongkonjirawut  
Scientist (4)

**Approved by**

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2217009**

Date Received : Mar 16, 2022  
Date Reported : Mar 22, 2022  
Report Number: 2268094-1

Page 1 of 1

**Sample Number** 2217009-2  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Compressor  
**Measurement Date** Mar 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
07:58 AM - 08:58 AM	63.0	70.2	62.4
08:58 AM - 09:58 AM	62.7	76.5	62.1
09:58 AM - 10:58 AM	62.6	66.8	62.2
10:58 AM - 11:58 AM	62.4	66.1	61.9
11:58 AM - 12:58 PM	62.2	70.2	61.7
12:58 PM - 01:58 PM	62.1	65.3	61.7
01:58 PM - 02:58 PM	62.1	69.6	61.7
02:58 PM - 03:58 PM	62.0	66.7	61.5

Leq Average 8 hrs. (dB(A))

62.4

Lmax (dB(A))

76.5

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

**Technical Management**

Sararat Mongkonjirawut  
Scientist (4)

**Approved by**

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2217009**

Date Received : Mar 16, 2022  
Date Reported : Mar 22, 2022  
Report Number: 2268095-1

Page 1 of 1

**Sample Number** 2217009-3  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Boiler Feed Pump  
**Measurement Date** Mar 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
07:47 AM - 08:47 AM	80.9	81.8	80.8
08:47 AM - 09:47 AM	81.0	81.5	80.8
09:47 AM - 10:47 AM	81.0	82.2	80.8
10:47 AM - 11:47 AM	81.0	81.7	80.8
11:47 AM - 12:47 PM	80.8	81.4	80.6
12:47 PM - 01:47 PM	80.7	81.3	80.5
01:47 PM - 02:47 PM	80.8	81.3	80.6
02:47 PM - 03:47 PM	80.7	81.3	80.5

Leq Average 8 hrs. (dB(A))

80.9

Lmax (dB(A))

82.2

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

**Technical Management**

Sararat Mongkonjirawut  
Scientist (4)

**Approved by**

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2217009**

Date Received : Mar 16, 2022  
Date Reported : Mar 22, 2022  
Report Number: 2268096-1

Page 1 of 1

**Sample Number** 2217009-4  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 1  
**Measurement Date** Mar 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
07:53 AM - 08:53 AM	82.9	83.5	82.6
08:53 AM - 09:53 AM	83.2	83.7	83.1
09:53 AM - 10:53 AM	83.1	83.7	83.0
10:53 AM - 11:53 AM	82.8	83.6	82.6
11:53 AM - 12:53 PM	82.6	83.2	82.5
12:53 PM - 01:53 PM	82.5	83.1	82.4
01:53 PM - 02:53 PM	82.6	83.0	82.4
02:53 PM - 03:53 PM	82.5	83.0	82.4

Leq Average 8 hrs. (dB(A))

82.8

Lmax (dB(A))

83.7

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Technical Management**

Sararat Mongkonjirawut  
Scientist (4)

**Approved by**

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2217009**

Date Received : Mar 16, 2022  
Date Reported : Mar 22, 2022  
Report Number: 2268097-1

Page 1 of 1

**Sample Number** 2217009-5  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 2  
**Measurement Date** Mar 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
07:55 AM - 08:55 AM	76.8	78.5	76.3
08:55 AM - 09:55 AM	77.1	78.5	76.9
09:55 AM - 10:55 AM	76.9	78.1	76.7
10:55 AM - 11:55 AM	76.8	78.3	76.5
11:55 AM - 12:55 PM	76.8	78.2	76.4
12:55 PM - 01:55 PM	76.8	78.3	76.5
01:55 PM - 02:55 PM	76.8	78.4	76.4
02:55 PM - 03:55 PM	76.5	78.0	76.1

Leq Average 8 hrs. (dB(A))

76.8

Lmax (dB(A))

78.5

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Technical Management**

Sararat Mongkonjirawut  
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Supot Salamteh  
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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2217009**

Date Received : Mar 16, 2022  
Date Reported : Mar 22, 2022  
Report Number: 2268098-1

Page 1 of 1

**Sample Number** 2217009-6  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Steam Turbine  
**Measurement Date** Mar 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
07:46 AM - 08:46 AM	76.7	78.3	76.5
08:46 AM - 09:46 AM	76.6	77.1	76.4
09:46 AM - 10:46 AM	76.4	82.0	76.3
10:46 AM - 11:46 AM	76.2	76.8	76.1
11:46 AM - 12:46 PM	76.1	76.6	76.0
12:46 PM - 01:46 PM	76.0	76.5	75.9
01:46 PM - 02:46 PM	76.0	77.0	75.9
02:46 PM - 03:46 PM	76.1	76.6	76.0

Leq Average 8 hrs. (dB(A))

76.3

Lmax (dB(A))

82.0

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 24, 2022  
Report Number: 2354417-1C9

Page 1 of 1

**Sample Number** 2252666-1  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Cooling Tower  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:02 AM - 09:02 AM	82.0	82.5	81.9
09:02 AM - 10:02 AM	81.9	82.2	81.8
10:02 AM - 11:02 AM	81.9	82.2	81.8
11:02 AM - 12:02 PM	81.9	82.2	81.8
12:02 PM - 01:02 PM	81.8	83.4	81.7
01:02 PM - 02:02 PM	81.9	82.5	81.7
02:02 PM - 03:02 PM	81.9	82.3	81.8
03:02 PM - 04:02 PM	81.9	82.3	81.8

Leq Average 8 hrs. (dB(A))

81.9

Lmax (dB(A))

83.4

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 24, 2022  
Report Number: 2354420-1C9

Page 1 of 1

**Sample Number** 2252666-4  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Cooling Tower  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:02 AM - 09:02 AM	82.0	84.1	81.9
09:02 AM - 10:02 AM	82.6	92.1	82.1
10:02 AM - 11:02 AM	82.5	82.9	82.2
11:02 AM - 12:02 PM	82.1	82.5	82.0
12:02 PM - 01:02 PM	82.2	82.5	82.1
01:02 PM - 02:02 PM	82.1	82.6	82.0
02:02 PM - 03:02 PM	82.0	82.7	81.9
03:02 PM - 04:02 PM	82.0	82.9	81.9

Leq Average 8 hrs. (dB(A))

82.2

Lmax (dB(A))

92.1

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 24, 2022  
Report Number: 2354423-1C9

Page 1 of 1

**Sample Number** 2252666-7  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Cooling Tower  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:02 AM - 09:02 AM	82.2	82.5	82.1
09:02 AM - 10:02 AM	82.1	82.5	82.0
10:02 AM - 11:02 AM	82.2	89.0	81.9
11:02 AM - 12:02 PM	82.8	86.3	82.4
12:02 PM - 01:02 PM	82.6	83.2	82.4
01:02 PM - 02:02 PM	82.4	82.8	82.3
02:02 PM - 03:02 PM	82.3	82.6	82.2
03:02 PM - 04:02 PM	82.3	82.6	82.2

Leq Average 8 hrs. (dB(A))

82.4

Lmax (dB(A))

89.0

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 24, 2022  
Report Number: 2354426-1C9

Page 1 of 1

**Sample Number** 2252666-10  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Compressor  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:10 AM - 09:10 AM	62.1	66.7	61.5
09:10 AM - 10:10 AM	61.9	66.8	61.2
10:10 AM - 11:10 AM	62.5	69.6	61.5
11:10 AM - 12:10 PM	62.3	68.2	61.4
12:10 PM - 01:10 PM	61.8	74.5	61.0
01:10 PM - 02:10 PM	62.8	66.6	62.2
02:10 PM - 03:10 PM	63.9	69.0	62.6
03:10 PM - 04:10 PM	63.1	71.6	62.3

Leq Average 8 hrs. (dB(A))

62.6

Lmax (dB(A))

74.5

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 24, 2022  
Report Number: 2354429-1C9

Page 1 of 1

**Sample Number** 2252666-13  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Compressor  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:10 AM - 09:10 AM	62.5	66.0	61.8
09:10 AM - 10:10 AM	64.6	87.7	62.7
10:10 AM - 11:10 AM	62.8	81.2	61.9
11:10 AM - 12:10 PM	62.7	65.4	62.0
12:10 PM - 01:10 PM	62.0	66.4	61.5
01:10 PM - 02:10 PM	64.0	69.7	61.9
02:10 PM - 03:10 PM	63.3	70.9	61.8
03:10 PM - 04:10 PM	63.0	69.5	62.3

Leq Average 8 hrs. (dB(A))

63.2

Lmax (dB(A))

87.7

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 24, 2022  
Report Number: 2354432-1C9

Page 1 of 1

**Sample Number** 2252666-16  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Compressor  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:10 AM - 09:10 AM	62.3	66.4	61.7
09:10 AM - 10:10 AM	62.6	72.0	61.6
10:10 AM - 11:10 AM	65.9	86.9	61.7
11:10 AM - 12:10 PM	69.1	89.9	62.4
12:10 PM - 01:10 PM	64.4	70.3	62.3
01:10 PM - 02:10 PM	62.0	65.7	61.3
02:10 PM - 03:10 PM	61.8	65.7	61.1
03:10 PM - 04:10 PM	62.3	68.7	61.5

Leq Average 8 hrs. (dB(A))

64.6

Lmax (dB(A))

89.9

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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Supot Salamteh  
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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 24, 2022  
Report Number: 2354435-1C9

Page 1 of 1

**Sample Number** 2252666-19  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Boiler Feed Pump  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:08 AM - 09:08 AM	81.9	84.2	81.8
09:08 AM - 10:08 AM	82.0	82.4	81.9
10:08 AM - 11:08 AM	82.0	82.5	81.8
11:08 AM - 12:08 PM	81.9	82.4	81.8
12:08 PM - 01:08 PM	82.0	84.8	81.8
01:08 PM - 02:08 PM	82.0	82.5	81.8
02:08 PM - 03:08 PM	82.0	82.4	81.9
03:08 PM - 04:08 PM	82.0	82.4	81.9

Leq Average 8 hrs. (dB(A))

82.0

Lmax (dB(A))

84.8

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 24, 2022  
Report Number: 2354438-1C9

Page 1 of 1

**Sample Number** 2252666-22  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Boiler Feed Pump  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:08 AM - 09:08 AM	82.1	84.2	82.0
09:08 AM - 10:08 AM	82.3	89.0	82.1
10:08 AM - 11:08 AM	82.1	82.6	82.0
11:08 AM - 12:08 PM	82.2	82.7	82.0
12:08 PM - 01:08 PM	82.0	82.5	81.9
01:08 PM - 02:08 PM	82.1	82.5	82.0
02:08 PM - 03:08 PM	81.9	82.4	81.8
03:08 PM - 04:08 PM	82.2	82.6	82.0

Leq Average 8 hrs. (dB(A))

82.1

Lmax (dB(A))

89.0

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 24, 2022  
Report Number: 2354441-1C9

Page 1 of 1

**Sample Number** 2252666-25  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Boiler Feed Pump  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:08 AM - 09:08 AM	82.0	82.6	81.8
09:08 AM - 10:08 AM	82.0	82.4	81.8
10:08 AM - 11:08 AM	82.0	84.3	81.8
11:08 AM - 12:08 PM	82.3	89.3	82.0
12:08 PM - 01:08 PM	82.5	83.0	82.3
01:08 PM - 02:08 PM	82.4	82.9	82.3
02:08 PM - 03:08 PM	82.1	82.7	82.0
03:08 PM - 04:08 PM	82.1	82.5	82.0

Leq Average 8 hrs. (dB(A))

82.2

Lmax (dB(A))

89.3

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 24, 2022  
Report Number: 2354444-1C9

Page 1 of 1

**Sample Number** 2252666-28  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 1  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:30 AM - 09:30 AM	83.0	84.0	82.8
09:30 AM - 10:30 AM	82.9	83.5	82.8
10:30 AM - 11:30 AM	83.0	83.5	82.8
11:30 AM - 12:30 PM	82.9	83.5	82.8
12:30 PM - 01:30 PM	82.9	83.7	82.7
01:30 PM - 02:30 PM	83.0	83.5	82.8
02:30 PM - 03:30 PM	83.0	83.4	82.8
03:30 PM - 04:30 PM	82.9	83.3	82.8

Leq Average 8 hrs. (dB(A))

83.0

Lmax (dB(A))

84.0

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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Supot Salamteh  
Section Head

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888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 24, 2022  
Report Number: 2354447-1C9

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**Sample Number** 2252666-31  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 1  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:30 AM - 09:30 AM	82.9	88.0	82.8
09:30 AM - 10:30 AM	83.1	84.3	82.9
10:30 AM - 11:30 AM	82.9	83.5	82.7
11:30 AM - 12:30 PM	82.9	83.5	82.7
12:30 PM - 01:30 PM	82.9	83.4	82.7
01:30 PM - 02:30 PM	82.9	83.3	82.8
02:30 PM - 03:30 PM	82.9	83.3	82.8
03:30 PM - 04:30 PM	83.0	83.5	82.8

Leq Average 8 hrs. (dB(A))

82.9

Lmax (dB(A))

88.0

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 24, 2022  
Report Number: 2354450-1C9

Page 1 of 1

<b>Sample Number</b>	2252666-34
<b>Parameter</b>	Noise (Leq 8 hrs.)
<b>Location</b>	บริเวณ Gas Turbine 1
<b>Measurement Date</b>	Jun 16, 2022
<b>Measurement by</b>	Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:30 AM - 09:30 AM	83.0	88.4	82.8
09:30 AM - 10:30 AM	83.1	88.0	82.9
10:30 AM - 11:30 AM	83.0	83.6	82.8
11:30 AM - 12:30 PM	82.9	83.4	82.8
12:30 PM - 01:30 PM	82.9	83.4	82.8
01:30 PM - 02:30 PM	82.9	83.3	82.7
02:30 PM - 03:30 PM	82.8	83.3	82.8
03:30 PM - 04:30 PM	82.9	83.8	82.8
Leq Average 8 hrs. (dB(A))	82.9		
Lmax (dB(A))		88.4	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖			

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 24, 2022  
Report Number: 2354453-1C9

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**Sample Number** 2252666-37  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 2  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:13 AM - 09:13 AM	76.8	93.5	76.2
09:13 AM - 10:13 AM	76.4	78.3	75.9
10:13 AM - 11:13 AM	76.5	78.4	76.1
11:13 AM - 12:13 PM	76.4	78.5	76.0
12:13 PM - 01:13 PM	76.3	82.2	75.9
01:13 PM - 02:13 PM	76.7	83.3	76.2
02:13 PM - 03:13 PM	76.9	78.9	76.4
03:13 PM - 04:13 PM	77.0	79.0	76.6

Leq Average 8 hrs. (dB(A))

76.6

Lmax (dB(A))

93.5

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 24, 2022  
Report Number: 2354456-1C9

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**Sample Number** 2252666-40  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 2  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:13 AM - 09:13 AM	76.7	90.1	76.3
09:13 AM - 10:13 AM	77.2	80.2	76.7
10:13 AM - 11:13 AM	76.8	78.3	76.5
11:13 AM - 12:13 PM	76.7	78.4	76.3
12:13 PM - 01:13 PM	76.7	78.3	76.3
01:13 PM - 02:13 PM	76.8	78.4	76.5
02:13 PM - 03:13 PM	76.8	78.2	76.4
03:13 PM - 04:13 PM	76.8	78.3	76.4

Leq Average 8 hrs. (dB(A))

76.8

Lmax (dB(A))

90.1

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 24, 2022  
Report Number: 2354459-1C9

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**Sample Number** 2252666-43  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 2  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:13 AM - 09:13 AM	76.4	78.6	75.8
09:13 AM - 10:13 AM	77.1	85.9	76.3
10:13 AM - 11:13 AM	77.1	86.8	76.4
11:13 AM - 12:13 PM	77.9	86.5	77.1
12:13 PM - 01:13 PM	77.1	79.4	76.8
01:13 PM - 02:13 PM	76.8	78.6	76.5
02:13 PM - 03:13 PM	76.8	78.5	76.5
03:13 PM - 04:13 PM	76.9	78.5	76.4

Leq Average 8 hrs. (dB(A))

77.0

Lmax (dB(A))

86.8

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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**P/O :** GBP-4210800665  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 24, 2022  
Report Number: 2354462-1C9

Page 1 of 1

**Sample Number** 2252666-46  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Steam Turbine  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:27 AM - 09:27 AM	75.7	81.4	75.6
09:27 AM - 10:27 AM	75.6	76.1	75.5
10:27 AM - 11:27 AM	75.7	76.2	75.6
11:27 AM - 12:27 PM	75.7	76.2	75.6
12:27 PM - 01:27 PM	75.6	78.4	75.5
01:27 PM - 02:27 PM	75.7	76.1	75.5
02:27 PM - 03:27 PM	75.8	76.3	75.6
03:27 PM - 04:27 PM	75.7	76.2	75.6

Leq Average 8 hrs. (dB(A))

75.7

Lmax (dB(A))

81.4

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 24, 2022  
Report Number: 2354465-1C9

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**Sample Number** 2252666-49  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Steam Turbine  
**Measurement Date** Jun 15, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:27 AM - 09:27 AM	75.8	77.0	75.6
09:27 AM - 10:27 AM	76.4	80.1	76.2
10:27 AM - 11:27 AM	76.1	78.3	75.9
11:27 AM - 12:27 PM	75.8	76.4	75.7
12:27 PM - 01:27 PM	75.8	76.4	75.7
01:27 PM - 02:27 PM	75.8	76.3	75.7
02:27 PM - 03:27 PM	75.7	76.1	75.6
03:27 PM - 04:27 PM	75.9	76.3	75.8

Leq Average 8 hrs. (dB(A))

75.9

Lmax (dB(A))

80.1

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252666**

Date Received : Jun 17, 2022  
Date Reported : Jun 24, 2022  
Report Number: 2354468-1C9

Page 1 of 1

**Sample Number** 2252666-52  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Steam Turbine  
**Measurement Date** Jun 16, 2022  
**Measurement by** Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:27 AM - 09:27 AM	75.8	80.7	75.7
09:27 AM - 10:27 AM	75.8	76.3	75.6
10:27 AM - 11:27 AM	76.1	88.2	75.9
11:27 AM - 12:27 PM	76.7	85.4	76.5
12:27 PM - 01:27 PM	76.1	76.7	76.0
01:27 PM - 02:27 PM	76.0	76.4	75.9
02:27 PM - 03:27 PM	75.9	76.5	75.8
03:27 PM - 04:27 PM	75.9	76.3	75.8

Leq Average 8 hrs. (dB(A))

76.0

Lmax (dB(A))

88.2

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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**P/O :** สัญญาเลขที่4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2217016**

Date Received : Mar 16, 2022  
Date Reported : Mar 18, 2022  
Report Number: 2226056-1

Page 1 of 1

**Sample Number** 2217016-1  
**Parameter** Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)  
**Measurement Date** Mar 14, 2022  
**Measurement by** Phongsiri Somkaew  
**Location** ปฏิบัติงาน 5 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : คุณคมสัน หงิมพูน แผนก : Operation)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณ Condenser Exhaust Unit	10	32.4	28.8	41.1	40.2
บริเวณท่อปล่อยไอน้ำ	10	31.8	28.6	39.3	38.8
บริเวณ Gas Turbine	10	32.0	28.2	42.8	36.7
บริเวณ Steam Turbine	10	33.2	29.2	42.6	42.1
ห้อง Control Room	80	24.2	22.6	27.8	27.6
Average (WBGT)		26.9			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

- Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
- Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

**Technical Management**

Supot Salamteh  
Section Head

**Approved by**

Wichan Choonharat  
Assistant Manager

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2217017**

Date Received : Mar 16, 2022

Date Reported : Mar 19, 2022

Report Number: 2226058-1

Page 1 of 4

**Sample Number** 2217017-1  
**Parameter** Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)  
**Measurement Date** Mar 14, 2022  
**Measurement by** Phongsiri Somkaew  
**Location** ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : - )

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณ Condenser Exhaust Unit	120	32.4	28.8	41.0	40.2
Average (WBGT)		32.4			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

- Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
- Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

**Technical Management**

  
Supot Salamteh  
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Wichan Choonharat  
Assistant Manager

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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2217017**

Date Received : Mar 16, 2022

Date Reported : Mar 19, 2022

Report Number: 2226058-1

Page 2 of 4

**Sample Number** 2217017-2  
**Parameter** Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)  
**Measurement Date** Mar 14, 2022  
**Measurement by** Phongsiri Somkaew  
**Location** ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : - )

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณท่อส่งน้ำ	120	31.8	28.6	39.3	38.8
Average (WBGT)		31.8			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

- Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
- Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

**Technical Management**

  
Supot Salamteh  
Section Head

**Approved by**

  
Wichan Choonharat  
Assistant Manager

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## Analysis / Test Report

**Client :** Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2217017**

Date Received : Mar 16, 2022

Date Reported : Mar 19, 2022

Report Number: 2226058-1

Page 3 of 4

**Sample Number** 2217017-3  
**Parameter** Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)  
**Measurement Date** Mar 14, 2022  
**Measurement by** Phongsiri Somkaew  
**Location** ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : - )

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณ Gas Turbine	120	32.0	28.2	42.8	36.7
Average (WBGT)		32.0			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

- Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
- Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

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Supot Salamteh  
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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2217017**

Date Received : Mar 16, 2022

Date Reported : Mar 19, 2022

Report Number: 2226058-1

Page 4 of 4

**Sample Number** 2217017-4  
**Parameter** Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)  
**Measurement Date** Mar 14, 2022  
**Measurement by** Phongsiri Somkaew  
**Location** ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : - )

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณ Steam Turbine	120	33.2	29.2	42.6	42.1
Average (WBGT)		33.2			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

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**P/O :** สัญญาเลขที่ 4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252671**

Date Received : Jun 17, 2022  
Date Reported : Jun 21, 2022  
Report Number: 2301178-1

Page 1 of 4

**Sample Number** 2252671-1  
**Parameter** Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew  
**Location** ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : - )

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณ Condenser Exhaust Unit	120	31.9	28.9	39.5	38.1
Average (WBGT)		31.9			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

- Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252671**

Date Received : Jun 17, 2022

Date Reported : Jun 21, 2022

Report Number: 2301178-1

Page 2 of 4

**Sample Number** 2252671-2  
**Parameter** Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew  
**Location** ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : - )

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณท่อส่งน้ำ	120	30.8	28.5	36.4	35.8
Average (WBGT)		30.8			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252671**

Date Received : Jun 17, 2022

Date Reported : Jun 21, 2022

Report Number: 2301178-1

Page 3 of 4

**Sample Number** 2252671-3  
**Parameter** Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew  
**Location** ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : - )

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณ Gas Turbine	120	29.1	26.8	34.9	33.7
Average (WBGT)		29.1			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
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**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2252671**

Date Received : Jun 17, 2022

Date Reported : Jun 21, 2022

Report Number: 2301178-1

Page 4 of 4

**Sample Number** 2252671-4  
**Parameter** Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)  
**Measurement Date** Jun 14, 2022  
**Measurement by** Phongsiri Somkaew  
**Location** ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : - )

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
Steam Turbine	120	32.2	28.5	40.9	39.3
Average (WBGT)		32.2			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
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**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2217019**

Date Received : Mar 18, 2022  
Date Reported : Mar 21, 2022  
Report Number : 2266634-1

Page 1 of 3

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Administration Building Ground Floor : Server Room									
1.1	2217019-1	14 Mar 2022	Day time	1	294	271.0	100	200	Pass
1.2	2217019-2	14 Mar 2022	Day time	2	248				
1.1	2217019-3	14 Mar 2022	Night time	1	233	247.0	100	200	Pass
1.2	2217019-4	14 Mar 2022	Night time	2	261				
Spot - Administration Building Ground Floor : Purchase									
2	2217019-5	14 Mar 2022	Day time	1	990	-	400-500	-	Pass
2	2217019-6	14 Mar 2022	Night time	1	801	-	400-500	-	Pass
Spot - Administration Building Ground Floor : Administration Assistant									
3	2217019-7	14 Mar 2022	Day time	1	796	-	400-500	-	Pass
3	2217019-8	14 Mar 2022	Night time	1	732	-	400-500	-	Pass
Spot - Administration Building Ground Floor : Administration Manager									
4	2217019-9	14 Mar 2022	Day time	1	711	-	400-500	-	Pass
4	2217019-10	14 Mar 2022	Night time	1	694	-	400-500	-	Pass
Area - Administration Building Ground Floor : Canteen & Pantry									
5.1	2217019-11	14 Mar 2022	Day time	1	910	862.5	150	300	Pass
5.2	2217019-12	14 Mar 2022	Day time	2	815				
5.1	2217019-13	14 Mar 2022	Night time	1	615	664.0	150	300	Pass
5.2	2217019-14	14 Mar 2022	Night time	2	713				
Area - Administration Building Ground Floor : Copy Room									
6.1	2217019-15	14 Mar 2022	Day time	1	698	687.5	150	300	Pass
6.2	2217019-16	14 Mar 2022	Day time	2	677				
6.1	2217019-17	14 Mar 2022	Night time	1	670	669.5	150	300	Pass
6.2	2217019-18	14 Mar 2022	Night time	2	669				
Area - Administration Building Ground Floor : Corridor									
7.1	2217019-19	14 Mar 2022	Day time	1	425	439.0	50	100	Pass
7.2	2217019-20	14 Mar 2022	Day time	2	453				
7.1	2217019-21	14 Mar 2022	Night time	1	422	428.5	50	100	Pass
7.2	2217019-22	14 Mar 2022	Night time	2	435				
Area - Administration Building Ground Floor : Document Room									
8.1	2217019-23	14 Mar 2022	Day time	1	392	445.5	150	300	Pass
8.2	2217019-24	14 Mar 2022	Day time	2	499				
8.1	2217019-25	14 Mar 2022	Night time	1	368	381.0	150	300	Pass
8.2	2217019-26	14 Mar 2022	Night time	2	394				

Technical Management

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**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2217019**

Date Received : Mar 18, 2022  
Date Reported : Mar 21, 2022  
Report Number : 2266634-1

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot / Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Spot - Administration Building Ground Floor : EHS Manager								
9	2217019-27	14 Mar 2022	Day time	1	499	-	400-500	-	Pass
9	2217019-28	14 Mar 2022	Night time	1	401	-	400-500	-	Pass
	Area - Administration Building Ground Floor : Gruard House								
10.1	2217019-29	14 Mar 2022	Day time	1	616	620.5	-	100	Pass
10.2	2217019-30	14 Mar 2022	Day time	2	625				
10.1	2217019-31	14 Mar 2022	Night time	1	613	618.0	-	100	Pass
10.2	2217019-32	14 Mar 2022	Night time	2	623				
	Area - Administration Building Ground Floor : Guest Room								
11.1	2217019-33	14 Mar 2022	Day time	1	330	312.5	25	50	Pass
11.2	2217019-34	14 Mar 2022	Day time	2	295				
11.1	2217019-35	14 Mar 2022	Night time	1	336	310.5	25	50	Pass
11.2	2217019-36	14 Mar 2022	Night time	2	285				
	Spot - Administration Building Ground Floor : Helper								
12	2217019-37	14 Mar 2022	Day time	1	722	-	400-500	-	Pass
12	2217019-38	14 Mar 2022	Night time	1	704	-	400-500	-	Pass
	Area - Administration Building Ground Floor : Meeting Room 1								
13.1	2217019-39	14 Mar 2022	Day time	1	433	473.0	150	300	Pass
13.2	2217019-40	14 Mar 2022	Day time	2	513				
13.1	2217019-41	14 Mar 2022	Night time	1	388	403.5	150	300	Pass
13.2	2217019-42	14 Mar 2022	Night time	2	419				
	Area - Administration Building Ground Floor : Meeting Room 2								
14.1	2217019-43	14 Mar 2022	Day time	1	393	455.8	150	300	Pass
14.2	2217019-44	14 Mar 2022	Day time	2	416				
14.3	2217019-45	14 Mar 2022	Day time	3	531				
14.4	2217019-46	14 Mar 2022	Day time	4	483				
14.1	2217019-47	14 Mar 2022	Night time	1	327	404.0	150	300	Pass
14.2	2217019-48	14 Mar 2022	Night time	2	399				
14.3	2217019-49	14 Mar 2022	Night time	3	451				
14.4	2217019-50	14 Mar 2022	Night time	4	439				
	Spot - Administration Building Ground Floor : Plant Manager								
15	2217019-51	14 Mar 2022	Day time	1	436	-	400-500	-	Pass
15	2217019-52	14 Mar 2022	Night time	1	408	-	400-500	-	Pass

Technical Management

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**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2217019**

Date Received : Mar 18, 2022  
Date Reported : Mar 21, 2022  
Report Number : 2266634-1

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Spot - Administration Building Ground Floor : Administration									
16	2217019-53	14 Mar 2022	Day time	1	894	-	400-500	-	Pass
16	2217019-54	14 Mar 2022	Night time	1	733	-	400-500	-	Pass
Area - Administration Building Ground Floor : Restroom : Male									
17.1	2217019-55	14 Mar 2022	Day time	1	528	543.5	50	100	Pass
17.2	2217019-56	14 Mar 2022	Day time	2	559				
17.1	2217019-57	14 Mar 2022	Night time	1	518	524.5	50	100	Pass
17.2	2217019-58	14 Mar 2022	Night time	2	531				
Area - Administration Building Ground Floor : Restroom : Female									
18.1	2217019-59	14 Mar 2022	Day time	1	858	925.5	50	100	Pass
18.2	2217019-60	14 Mar 2022	Day time	2	993				
18.1	2217019-61	14 Mar 2022	Night time	1	775	794.0	50	100	Pass
18.2	2217019-62	14 Mar 2022	Night time	2	813				
Area - Administration Building Ground Floor : Utility Room for Electricity									
19.1	2217019-63	14 Mar 2022	Day time	1	507	503.0	50	100	Pass
19.2	2217019-64	14 Mar 2022	Day time	2	499				
19.1	2217019-65	14 Mar 2022	Night time	1	504	492.5	50	100	Pass
19.2	2217019-66	14 Mar 2022	Night time	2	481				
Area - Administration Building Ground Floor : Utility Room for Water									
20.1	2217019-67	14 Mar 2022	Day time	1	622	620.0	50	100	Pass
20.2	2217019-68	14 Mar 2022	Day time	2	618				
20.1	2217019-69	14 Mar 2022	Night time	1	588	590.5	50	100	Pass
20.2	2217019-70	14 Mar 2022	Night time	2	593				

**Measurement by** : Phongsi Somkaew Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

**Guideline** : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

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**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2217022**

Date Received : Mar 18, 2022  
Date Reported : Mar 21, 2022  
Report Number : 2266639-1

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Area - Control Building : Ground Floor : Corridor (หน้าประตูทางเข้าหลัก)								
1.1	2217022-1	14 Mar 2022	Day time	1	1,123	1,186	50	100	Pass
1.2	2217022-2	14 Mar 2022	Day time	2	1,248				
1.1	2217022-3	14 Mar 2022	Night time	1	755	752.0	50	100	Pass
1.2	2217022-4	14 Mar 2022	Night time	2	749				

**Measurement by** : Phongsiri Somkaew Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

**Guideline** : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

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**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2217024**

Date Received : Mar 18, 2022  
Date Reported : Mar 21, 2022  
Report Number : 2266641-1

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Control Building First Floor : Battery Room									
1.1	2217024-1	14 Mar 2022	Day time	1	291	286.5	100	200	Pass
1.2	2217024-2	14 Mar 2022	Day time	2	282				
1.1	2217024-3	14 Mar 2022	Night time	1	293	288.0	100	200	Pass
1.2	2217024-4	14 Mar 2022	Night time	2	283				
Area - Control Building First Floor : Switchgear and Electrical Equipment Room									
2.1	2217024-5	14 Mar 2022	Day time	1	328	397.0	100	200	Pass
2.2	2217024-6	14 Mar 2022	Day time	2	499				
2.3	2217024-7	14 Mar 2022	Day time	3	300				
2.4	2217024-8	14 Mar 2022	Day time	4	461				
2.1	2217024-9	14 Mar 2022	Night time	1	317	396.0	100	200	Pass
2.2	2217024-10	14 Mar 2022	Night time	2	488				
2.3	2217024-11	14 Mar 2022	Night time	3	319				
2.4	2217024-12	14 Mar 2022	Night time	4	460				

**Measurement by** : Phongsiri Somkaew Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

**Guideline** : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

Supot Salamteh  
Section Head

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Assistant Manager

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## Analysis / Test Report

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888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2217025**

Date Received : Mar 18, 2022  
Date Reported : Mar 21, 2022  
Report Number : 2266648-1

Page 1 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Control Building Second Floor : Canteen & Pantry									
1.1	2217025-1	14 Mar 2022	Day time	1	556	597.5	150	300	Pass
1.2	2217025-2	14 Mar 2022	Day time	2	639				
1.1	2217025-3	14 Mar 2022	Night time	1	430	516.5	150	300	Pass
1.2	2217025-4	14 Mar 2022	Night time	2	603				
Spot - Control Building Second Floor : Control Room Table 1									
2	2217025-5	14 Mar 2022	Day time	1	563	-	400-500	-	Pass
2	2217025-6	14 Mar 2022	Night time	1	549	-	400-500	-	Pass
Spot - Control Building Second Floor : Control Room Table 2									
3	2217025-7	14 Mar 2022	Day time	1	769	-	400-500	-	Pass
3	2217025-8	14 Mar 2022	Night time	1	715	-	400-500	-	Pass
Spot - Control Building Second Floor : Control Room Table 3									
4	2217025-9	14 Mar 2022	Day time	1	703	-	400-500	-	Pass
4	2217025-10	14 Mar 2022	Night time	1	684	-	400-500	-	Pass
Spot - Control Building Second Floor : Control Room Table 4									
5	2217025-11	14 Mar 2022	Day time	1	833	-	400-500	-	Pass
5	2217025-12	14 Mar 2022	Night time	1	814	-	400-500	-	Pass
Spot - Control Building Second Floor : Control Room Table 5									
6	2217025-13	14 Mar 2022	Day time	1	855	-	400-500	-	Pass
6	2217025-14	14 Mar 2022	Night time	1	828	-	400-500	-	Pass
Spot - Control Building Second Floor : Control Room Table 6									
7	2217025-15	14 Mar 2022	Day time	1	502	-	400-500	-	Pass
7	2217025-16	14 Mar 2022	Night time	1	450	-	400-500	-	Pass
Area - Control Building Second Floor : Corridor									
8.1	2217025-17	14 Mar 2022	Day time	1	798	715.0	50	100	Pass
8.2	2217025-18	14 Mar 2022	Day time	2	632				
8.1	2217025-19	14 Mar 2022	Night time	1	711	713.5	50	100	Pass
8.2	2217025-20	14 Mar 2022	Night time	2	716				
Area - Control Building Second Floor : Utility Room									
9.1	2217025-21	14 Mar 2022	Day time	1	400	409.5	100	200	Pass
9.2	2217025-22	14 Mar 2022	Day time	2	419				
9.1	2217025-23	14 Mar 2022	Night time	1	402	423.0	100	200	Pass
9.2	2217025-24	14 Mar 2022	Night time	2	444				

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**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2217025**

Date Received : Mar 18, 2022  
Date Reported : Mar 21, 2022  
Report Number : 2266648-1

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Control Building Second Floor : DSC Cabinet									
10.1	2217025-25	14 Mar 2022	Day time	1	629	643.5	100	200	Pass
10.2	2217025-26	14 Mar 2022	Day time	2	658				
10.1	2217025-27	14 Mar 2022	Night time	1	591	579.5	100	200	Pass
10.2	2217025-28	14 Mar 2022	Night time	2	568				
Spot - Control Building Second Floor : DSC Table 1									
11	2217025-29	14 Mar 2022	Day time	1	460	-	400-500	-	Pass
11	2217025-30	14 Mar 2022	Night time	1	409	-	400-500	-	Pass
Spot - Control Building Second Floor : DSC Table 2									
12	2217025-31	14 Mar 2022	Day time	1	687	-	400-500	-	Pass
12	2217025-32	14 Mar 2022	Night time	1	461	-	400-500	-	Pass
Spot - Control Building Second Floor : Operation Manager									
13	2217025-33	14 Mar 2022	Day time	1	455	-	400-500	-	Pass
13	2217025-34	14 Mar 2022	Night time	1	445	-	400-500	-	Pass
Area - Control Building Second Floor : Restroom : Female									
14.1	2217025-35	14 Mar 2022	Day time	1	666	606.5	50	100	Pass
14.2	2217025-36	14 Mar 2022	Day time	2	547				
14.1	2217025-37	14 Mar 2022	Night time	1	274	264.5	50	100	Pass
14.2	2217025-38	14 Mar 2022	Night time	2	255				
Area - Control Building Second Floor : Restroom : Male									
15.1	2217025-39	14 Mar 2022	Day time	1	682	668.0	50	100	Pass
15.2	2217025-40	14 Mar 2022	Day time	2	654				
15.1	2217025-41	14 Mar 2022	Night time	1	307	308.5	50	100	Pass
15.2	2217025-42	14 Mar 2022	Night time	2	310				
Area - Control Building Second Floor : Stair									
16.1	2217025-43	14 Mar 2022	Day time	1	797	770.0	50	100	Pass
16.2	2217025-44	14 Mar 2022	Day time	2	743				
16.1	2217025-45	14 Mar 2022	Night time	1	165	169.0	50	100	Pass
16.2	2217025-46	14 Mar 2022	Night time	2	173				

**Measurement by** : Phongsiri Somkaew Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

**Guideline** : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

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**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2217026**

Date Received : Mar 18, 2022  
Date Reported : Mar 21, 2022  
Report Number : 2266652-1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Spot - Laboratory Building : Lab Office Table									
1	2217026-1	14 Mar 2022	Day time	1	588	-	400-500	-	Pass
1	2217026-2	14 Mar 2022	Night time	1	402	-	400-500	-	Pass
Area - Laboratory Building : Lab Office Toilet									
2.1	2217026-3	14 Mar 2022	Day time	1	418	419.0	50	100	Pass
2.2	2217026-4	14 Mar 2022	Day time	2	420				
2.1	2217026-5	14 Mar 2022	Night time	1	407	419.0	50	100	Pass
2.2	2217026-6	14 Mar 2022	Night time	2	431				
Area - Laboratory Building : Lab Room									
3.1	2217026-7	14 Mar 2022	Day time	1	620	579.0	150	300	Pass
3.2	2217026-8	14 Mar 2022	Day time	2	538				
3.1	2217026-9	14 Mar 2022	Night time	1	301	300.5	150	300	Pass
3.2	2217026-10	14 Mar 2022	Night time	2	300				
Area - Laboratory Building : MCC Control Room									
4.1	2217026-11	14 Mar 2022	Day time	1	366	393.0	100	200	Pass
4.2	2217026-12	14 Mar 2022	Day time	2	420				
4.1	2217026-13	14 Mar 2022	Night time	1	355	387.0	100	200	Pass
4.2	2217026-14	14 Mar 2022	Night time	2	419				

**Measurement by** : Phongsiri Somkaew Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

**Guideline** : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

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**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2217027**

Date Received : Mar 18, 2022  
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Report Number : 2266655-1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Area - Switchyard Control Building : 115 kV Battery Room								
1.1	2217027-1	14 Mar 2022	Day time	1	485	470.5	100	200	Pass
1.2	2217027-2	14 Mar 2022	Day time	2	456				
1.1	2217027-3	14 Mar 2022	Night time	1	435	466.5	100	200	Pass
1.2	2217027-4	14 Mar 2022	Night time	2	498				
	Area - Switchyard Control Building : 115 kV Switchgear Room								
2.1	2217027-5	14 Mar 2022	Day time	1	985	946.0	100	200	Pass
2.2	2217027-6	14 Mar 2022	Day time	2	907				
2.1	2217027-7	14 Mar 2022	Night time	1	511	513.5	100	200	Pass
2.2	2217027-8	14 Mar 2022	Night time	2	516				
	Area - Switchyard Control Building : 22 kV Switchgear Room								
3.1	2217027-9	14 Mar 2022	Day time	1	459	521.0	100	200	Pass
3.2	2217027-10	14 Mar 2022	Day time	2	583				
3.1	2217027-11	14 Mar 2022	Night time	1	426	470.0	100	200	Pass
3.2	2217027-12	14 Mar 2022	Night time	2	514				
	Area - Switchyard Control Building : Terminal Sub. Battery Room								
4.1	2217027-13	14 Mar 2022	Day time	1	388	321.5	100	200	Pass
4.2	2217027-14	14 Mar 2022	Day time	2	255				
4.1	2217027-15	14 Mar 2022	Night time	1	320	317.5	100	200	Pass
4.2	2217027-16	14 Mar 2022	Night time	2	315				
	Area - Switchyard Control Building : Terminal Substation Control Room								
5.1	2217027-17	14 Mar 2022	Day time	1	485	502.0	100	200	Pass
5.2	2217027-18	14 Mar 2022	Day time	2	519				
5.1	2217027-19	14 Mar 2022	Night time	1	420	439.5	100	200	Pass
5.2	2217027-20	14 Mar 2022	Night time	2	459				

**Measurement by** : Phongsiri Somkaew Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

**Guideline** : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

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**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2217028**

Date Received : Mar 18, 2022  
Date Reported : Mar 21, 2022  
Report Number : 2266659-1

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Spot - Workshop First Floor : C&I EGINEER #1 Mr. Jirawat Wannajarung									
1	2217028-1	14 Mar 2022	Day time	1	418	-	400-500	-	Pass
1	2217028-2	14 Mar 2022	Night time	1	417	-	400-500	-	Pass
Spot - Workshop First Floor : C&I EGINEER #1 Mr. Pattarapon Battim									
2	2217028-3	14 Mar 2022	Day time	1	479	-	400-500	-	Pass
2	2217028-4	14 Mar 2022	Night time	1	455	-	400-500	-	Pass
Spot - Workshop First Floor : C&I Helper									
3	2217028-5	14 Mar 2022	Day time	1	516	-	400-500	-	Pass
3	2217028-6	14 Mar 2022	Night time	1	517	-	400-500	-	Pass
Spot - Workshop First Floor : C&I Leader Mr. Ekkarin Jucharoen									
4	2217028-7	14 Mar 2022	Day time	1	440	-	400-500	-	Pass
4	2217028-8	14 Mar 2022	Night time	1	435	-	400-500	-	Pass
Area - Workshop First Floor : Canteen & Pantry									
5.1	2217028-9	14 Mar 2022	Day time	1	490	487.5	150	300	Pass
5.2	2217028-10	14 Mar 2022	Day time	2	485				
5.1	2217028-11	14 Mar 2022	Night time	1	466	459.5	150	300	Pass
5.2	2217028-12	14 Mar 2022	Night time	2	453				
Area - Workshop First Floor : Copy Room									
6.1	2217028-13	14 Mar 2022	Day time	1	666	646.0	150	300	Pass
6.2	2217028-14	14 Mar 2022	Day time	2	626				
6.1	2217028-15	14 Mar 2022	Night time	1	656	634.5	150	300	Pass
6.2	2217028-16	14 Mar 2022	Night time	2	613				
Area - Workshop First Floor : Corridor									
7.1	2217028-17	14 Mar 2022	Day time	1	449	440.0	50	100	Pass
7.2	2217028-18	14 Mar 2022	Day time	2	431				
7.1	2217028-19	14 Mar 2022	Night time	1	121	128.0	50	100	Pass
7.2	2217028-20	14 Mar 2022	Night time	2	135				
Area - Workshop First Floor : Document Room									
8.1	2217028-21	14 Mar 2022	Day time	1	625	614.0	150	300	Pass
8.2	2217028-22	14 Mar 2022	Day time	2	603				
8.1	2217028-23	14 Mar 2022	Night time	1	403	434.0	150	300	Pass
8.2	2217028-24	14 Mar 2022	Night time	2	465				

Technical Management

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**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2217028**

Date Received : Mar 18, 2022  
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Report Number : 2266659-1

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Spot - Workshop First Floor : MM Engineer #2 Mr. Sukkawat Tonarang									
9	2217028-25	14 Mar 2022	Day time	1	416	-	400-500	-	Pass
9	2217028-26	14 Mar 2022	Night time	1	407	-	400-500	-	Pass
Area - Workshop First Floor : Meeting Room									
10.1	2217028-27	14 Mar 2022	Day time	1	244	354.3	150	300	Pass
10.2	2217028-28	14 Mar 2022	Day time	2	366				
10.3	2217028-29	14 Mar 2022	Day time	3	468				
10.4	2217028-30	14 Mar 2022	Day time	4	339				
10.1	2217028-31	14 Mar 2022	Night time	1	293	340.5	150	300	Pass
10.2	2217028-32	14 Mar 2022	Night time	2	343				
10.3	2217028-33	14 Mar 2022	Night time	3	388				
10.4	2217028-34	14 Mar 2022	Night time	4	338				
Spot - Workshop First Floor : MM Engineer #1 Mr. Natchaphon Seevad									
11	2217028-35	14 Mar 2022	Day time	1	446	-	400-500	-	Pass
11	2217028-36	14 Mar 2022	Night time	1	437	-	400-500	-	Pass
Spot - Workshop First Floor : MM Leader Mr. Sarayu Kanarat									
12	2217028-37	14 Mar 2022	Day time	1	420	-	400-500	-	Pass
12	2217028-38	14 Mar 2022	Night time	1	415	-	400-500	-	Pass
Spot - Workshop First Floor : IT Office Mr. Sittipong Siriworanan									
13	2217028-39	14 Mar 2022	Day time	1	468	-	400-500	-	Pass
13	2217028-40	14 Mar 2022	Night time	1	403	-	400-500	-	Pass
Area - Workshop First Floor : Restroom : Female									
14.1	2217028-41	14 Mar 2022	Day time	1	101	102.0	50	100	Pass
14.2	2217028-42	14 Mar 2022	Day time	2	103				
14.1	2217028-43	14 Mar 2022	Night time	1	100	101.0	50	100	Pass
14.2	2217028-44	14 Mar 2022	Night time	2	102				
Area - Workshop First Floor : Restroom : Male									
15.1	2217028-45	14 Mar 2022	Day time	1	522	497.5	50	100	Pass
15.2	2217028-46	14 Mar 2022	Day time	2	473				
15.1	2217028-47	14 Mar 2022	Night time	1	486	432.5	50	100	Pass
15.2	2217028-48	14 Mar 2022	Night time	2	379				
Spot - Workshop First Floor : Electrical Engineering #1 Mr. Weerapong Khamkhrua									
16	2217028-49	14 Mar 2022	Day time	1	549	-	400-500	-	Pass
16	2217028-50	14 Mar 2022	Night time	1	541	-	400-500	-	Pass

Technical Management

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## Analysis / Test Report

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**P/O :** สัญญาเลขที่4600001491  
**Project Name :** Monitoring EIA  
**Project Location :** GBP

**Lot ID: 2217028**

Date Received : Mar 18, 2022  
Date Reported : Mar 21, 2022  
Report Number : 2266659-1

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot / Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Spot - Workshop First Floor : Electrical Engineering #2 Mr. Techapon Thummachuwong								
17	2217028-51	14 Mar 2022	Day time	1	660	-	400-500	-	Pass
17	2217028-52	14 Mar 2022	Night time	1	557	-	400-500	-	Pass
	Spot - Workshop First Floor : Electrical Helper								
18	2217028-53	14 Mar 2022	Day time	1	411	-	400-500	-	Pass
18	2217028-54	14 Mar 2022	Night time	1	408	-	400-500	-	Pass
	Spot - Workshop First Floor : Electrical Leader Mr. Saridphong Meesiri								
19	2217028-55	14 Mar 2022	Day time	1	579	-	400-500	-	Pass
19	2217028-56	14 Mar 2022	Night time	1	562	-	400-500	-	Pass
	Spot - Workshop First Floor : Maintence Manager								
20	2217028-57	14 Mar 2022	Day time	1	556	-	400-500	-	Pass
20	2217028-58	14 Mar 2022	Night time	1	405	-	400-500	-	Pass

**Measurement by :** Phongsiri Somkaew Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

**Guideline :** Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

Supot Salamteh  
Section Head

Approved by

Wichan Choonharat  
Assistant Manager

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## Analysis / Test Report

**Client** : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2217029**

Date Received : Mar 18, 2022  
Date Reported : Mar 21, 2022  
Report Number : 2266662-1

Page 1 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Workshop Ground Floor : C&I Workshop									
1.1	2217029-1	14 Mar 2022	Day time	1	403	385.0	100	200	Pass
1.2	2217029-2	14 Mar 2022	Day time	2	367				
1.1	2217029-3	14 Mar 2022	Night time	1	401	380.0	100	200	Pass
1.2	2217029-4	14 Mar 2022	Night time	2	359				
Area - Workshop Ground Floor : Corridor									
2.1	2217029-5	14 Mar 2022	Day time	1	401	399.5	50	100	Pass
2.2	2217029-6	14 Mar 2022	Day time	2	398				
2.1	2217029-7	14 Mar 2022	Night time	1	415	400.5	50	100	Pass
2.2	2217029-8	14 Mar 2022	Night time	2	386				
Area - Workshop Ground Floor : Mechanical and Electrical Workshop									
3.1	2217029-9	14 Mar 2022	Day time	1	330	403.3	150	300	Pass
3.2	2217029-10	14 Mar 2022	Day time	2	379				
3.3	2217029-11	14 Mar 2022	Day time	3	464				
3.4	2217029-12	14 Mar 2022	Day time	4	440				
3.1	2217029-13	14 Mar 2022	Night time	1	327	391.3	150	300	Pass
3.2	2217029-14	14 Mar 2022	Night time	2	338				
3.3	2217029-15	14 Mar 2022	Night time	3	459				
3.4	2217029-16	14 Mar 2022	Night time	4	441				
Area - Workshop Ground Floor : Restroom : Male									
4.1	2217029-17	14 Mar 2022	Day time	1	260	299.0	50	100	Pass
4.2	2217029-18	14 Mar 2022	Day time	2	338				
4.1	2217029-19	14 Mar 2022	Night time	1	246	282.0	50	100	Pass
4.2	2217029-20	14 Mar 2022	Night time	2	318				
Area - Workshop Ground Floor : Restroom : Female									
5.1	2217029-21	14 Mar 2022	Day time	1	496	477.5	50	100	Pass
5.2	2217029-22	14 Mar 2022	Day time	2	459				
5.1	2217029-23	14 Mar 2022	Night time	1	445	442.0	50	100	Pass
5.2	2217029-24	14 Mar 2022	Night time	2	439				
Area - Workshop Ground Floor : Server Room									
6.1	2217029-25	14 Mar 2022	Day time	1	338	329.0	100	200	Pass
6.2	2217029-26	14 Mar 2022	Day time	2	320				
6.1	2217029-27	14 Mar 2022	Night time	1	336	328.5	100	200	Pass
6.2	2217029-28	14 Mar 2022	Night time	2	321				

Technical Management

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## Analysis / Test Report

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888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2217029**

Date Received : Mar 18, 2022  
Date Reported : Mar 21, 2022  
Report Number : 2266662-1

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Workshop Ground Floor : Stair									
7.1	2217029-29	14 Mar 2022	Day time	1	129	129.5	50	100	Pass
7.2	2217029-30	14 Mar 2022	Day time	2	130				
7.1	2217029-31	14 Mar 2022	Night time	1	123	121.5	50	100	Pass
7.2	2217029-32	14 Mar 2022	Night time	2	120				
Area - Workshop Ground Floor : Tool Room									
8.1	2217029-33	14 Mar 2022	Day time	1	407	403.0	50	100	Pass
8.2	2217029-34	14 Mar 2022	Day time	2	399				
8.1	2217029-35	14 Mar 2022	Night time	1	406	358.0	50	100	Pass
8.2	2217029-36	14 Mar 2022	Night time	2	310				
Area - Workshop Ground Floor : Unsecured Heavy/Bulky Equipment Storage									
9.1	2217029-37	14 Mar 2022	Day time	1	559	553.0	50	100	Pass
9.2	2217029-38	14 Mar 2022	Day time	2	547				
9.1	2217029-39	14 Mar 2022	Night time	1	345	340.5	50	100	Pass
9.2	2217029-40	14 Mar 2022	Night time	2	336				
Area - Workshop Ground Floor : Unsecured Warehouse									
10.1	2217029-41	14 Mar 2022	Day time	1	343	354.5	50	100	Pass
10.2	2217029-42	14 Mar 2022	Day time	2	366				
10.1	2217029-43	14 Mar 2022	Night time	1	293	329.5	50	100	Pass
10.2	2217029-44	14 Mar 2022	Night time	2	366				
Area - Workshop Ground Floor : Utility Room									
11.1	2217029-45	14 Mar 2022	Day time	1	199	201.0	50	100	Pass
11.2	2217029-46	14 Mar 2022	Day time	2	203				
11.1	2217029-47	14 Mar 2022	Night time	1	197	202.0	50	100	Pass
11.2	2217029-48	14 Mar 2022	Night time	2	207				
Spot - Workshop Ground Floor : Warehouse Office Table 1									
12	2217029-49	14 Mar 2022	Day time	1	480	-	400-500	-	Pass
12	2217029-50	14 Mar 2022	Night time	1	435	-	400-500	-	Pass
Spot - Workshop Ground Floor : Warehouse Office Table 2									
13	2217029-51	14 Mar 2022	Day time	1	527	-	400-500	-	Pass
13	2217029-52	14 Mar 2022	Night time	1	494	-	400-500	-	Pass

**Measurement by** : Phongsi Somkaew Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

**Guideline** : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

Supot Salamteh  
Section Head

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888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2252672**

Date Received : Jun 17, 2022  
Date Reported : Jun 21, 2022  
Report Number : 2348919-1

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Administration Building Ground Floor : Server Room									
1.1	2252672-1	14 Jun 2022	Day time	1	303	327.5	100	200	Pass
1.2	2252672-2	14 Jun 2022	Day time	2	352				
1.1	2252672-3	14 Jun 2022	Night time	1	310	317.0	100	200	Pass
1.2	2252672-4	14 Jun 2022	Night time	2	324				
Spot - Administration Building Ground Floor : Purchase									
2	2252672-5	14 Jun 2022	Day time	1	819	-	400-500	-	Pass
2	2252672-6	14 Jun 2022	Night time	1	723	-	400-500	-	Pass
Spot - Administration Building Ground Floor : Administration Assistant									
3	2252672-7	14 Jun 2022	Day time	1	720	-	400-500	-	Pass
3	2252672-8	14 Jun 2022	Night time	1	741	-	400-500	-	Pass
Spot - Administration Building Ground Floor : Administration Manager									
4	2252672-9	14 Jun 2022	Day time	1	694	-	400-500	-	Pass
4	2252672-10	14 Jun 2022	Night time	1	596	-	400-500	-	Pass
Area - Administration Building Ground Floor : Canteen & Pantry									
5.1	2252672-11	14 Jun 2022	Day time	1	632	672.5	150	300	Pass
5.2	2252672-12	14 Jun 2022	Day time	2	712				
5.3	2252672-13	14 Jun 2022	Day time	3	734				
5.4	2252672-14	14 Jun 2022	Day time	4	612				
5.1	2252672-15	14 Jun 2022	Night time	1	512	498.0	150	300	Pass
5.2	2252672-16	14 Jun 2022	Night time	2	489				
5.3	2252672-17	14 Jun 2022	Night time	3	521				
5.4	2252672-18	14 Jun 2022	Night time	4	470				
Area - Administration Building Ground Floor : Copy Room									
6.1	2252672-19	14 Jun 2022	Day time	1	602	608.5	150	300	Pass
6.2	2252672-20	14 Jun 2022	Day time	2	615				
6.1	2252672-21	14 Jun 2022	Night time	1	639	657.0	150	300	Pass
6.2	2252672-22	14 Jun 2022	Night time	2	675				

Technical Management

Supot Salamteh  
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888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2252672**

Date Received : Jun 17, 2022  
Date Reported : Jun 21, 2022  
Report Number : 2348919-1

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Layout No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
<b>Area - Administration Building Ground Floor : Corridor ทาง</b>									
7.1	2252672-23	14 Jun 2022	Day time	1	642	483.0	50	100	Pass
7.2	2252672-24	14 Jun 2022	Day time	2	348				
7.3	2252672-25	14 Jun 2022	Day time	3	241				
7.4	2252672-26	14 Jun 2022	Day time	4	311				
7.5	2252672-27	14 Jun 2022	Day time	5	341				
7.6	2252672-28	14 Jun 2022	Day time	6	507				
7.7	2252672-29	14 Jun 2022	Day time	7	991				
7.1	2252672-30	14 Jun 2022	Night time	1	260	288.9	50	100	Pass
7.2	2252672-31	14 Jun 2022	Night time	2	279				
7.3	2252672-32	14 Jun 2022	Night time	3	336				
7.4	2252672-33	14 Jun 2022	Night time	4	313				
7.5	2252672-34	14 Jun 2022	Night time	5	241				
7.6	2252672-35	14 Jun 2022	Night time	6	386				
7.7	2252672-36	14 Jun 2022	Night time	7	207				
<b>Area - Administration Building Ground Floor : Document Room</b>									
8.1	2252672-37	14 Jun 2022	Day time	1	456	489.0	150	300	Pass
8.2	2252672-38	14 Jun 2022	Day time	2	522				
8.1	2252672-39	14 Jun 2022	Night time	1	390	373.0	150	300	Pass
8.2	2252672-40	14 Jun 2022	Night time	2	356				
<b>Spot - Administration Building Ground Floor : EHS Manager</b>									
9	2252672-41	14 Jun 2022	Day time	1	479	-	400-500	-	Pass
9	2252672-42	14 Jun 2022	Night time	1	410	-	400-500	-	Pass
<b>Area - Administration Building Ground Floor : Guard House</b>									
10.1	2252672-43	14 Jun 2022	Day time	1	1,021	966.0	-	100	Pass
10.2	2252672-44	14 Jun 2022	Day time	2	911				
10.1	2252672-45	14 Jun 2022	Night time	1	416	446.5	-	100	Pass
10.2	2252672-46	14 Jun 2022	Night time	2	477				
<b>Area - Administration Building Ground Floor : Guest Room (บริเวณโหล่ง)</b>									
11.1	2252672-47	14 Jun 2022	Day time	1	216	253.0	25	50	Pass
11.2	2252672-48	14 Jun 2022	Day time	2	290				
11.1	2252672-49	14 Jun 2022	Night time	1	172	196.5	25	50	Pass
11.2	2252672-50	14 Jun 2022	Night time	2	221				

Technical Management

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**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2252672**

Date Received : Jun 17, 2022  
Date Reported : Jun 21, 2022  
Report Number : 2348919-1

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot / Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Spot - Administration Building Ground Floor : Helper								
12	2252672-51	14 Jun 2022	Day time	1	697	-	400-500	-	Pass
12	2252672-52	14 Jun 2022	Night time	1	651	-	400-500	-	Pass
	Area - Administration Building Ground Floor : Meeting Room 1								
13.1	2252672-53	14 Jun 2022	Day time	1	304	317.5	150	300	Pass
13.2	2252672-54	14 Jun 2022	Day time	2	320				
13.3	2252672-55	14 Jun 2022	Day time	3	300				
13.4	2252672-56	14 Jun 2022	Day time	4	346				
13.1	2252672-57	14 Jun 2022	Night time	1	301	307.5	150	300	Pass
13.2	2252672-58	14 Jun 2022	Night time	2	316				
13.3	2252672-59	14 Jun 2022	Night time	3	303				
13.4	2252672-60	14 Jun 2022	Night time	4	310				
	Area - Administration Building Ground Floor : Meeting Room 2								
14.1	2252672-61	14 Jun 2022	Day time	1	304	323.3	150	300	Pass
14.2	2252672-62	14 Jun 2022	Day time	2	327				
14.3	2252672-63	14 Jun 2022	Day time	3	314				
14.4	2252672-64	14 Jun 2022	Day time	4	337				
14.5	2252672-65	14 Jun 2022	Day time	5	303				
14.6	2252672-66	14 Jun 2022	Day time	6	361				
14.7	2252672-67	14 Jun 2022	Day time	7	319				
14.8	2252672-68	14 Jun 2022	Day time	8	351				
14.9	2252672-69	14 Jun 2022	Day time	9	311				
14.10	2252672-70	14 Jun 2022	Day time	10	306				
14.1	2252672-71	14 Jun 2022	Night time	1	312	312.0	150	300	Pass
14.2	2252672-72	14 Jun 2022	Night time	2	306				
14.3	2252672-73	14 Jun 2022	Night time	3	309				
14.4	2252672-74	14 Jun 2022	Night time	4	310				
14.5	2252672-75	14 Jun 2022	Night time	5	311				
14.6	2252672-76	14 Jun 2022	Night time	6	322				
14.7	2252672-77	14 Jun 2022	Night time	7	308				
14.8	2252672-78	14 Jun 2022	Night time	8	309				
14.9	2252672-79	14 Jun 2022	Night time	9	319				
14.10	2252672-80	14 Jun 2022	Night time	10	314				

Technical Management

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**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2252672**

Date Received : Jun 17, 2022  
Date Reported : Jun 21, 2022  
Report Number : 2348919-1

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Spot - Administration Building Ground Floor : Plant Manager								
15	2252672-81	14 Jun 2022	Day time	1	402	-	400-500	-	Pass
15	2252672-82	14 Jun 2022	Night time	1	403	-	400-500	-	Pass
	Spot - Administration Building Ground Floor : Administration								
16	2252672-83	14 Jun 2022	Day time	1	824	-	400-500	-	Pass
16	2252672-84	14 Jun 2022	Night time	1	792	-	400-500	-	Pass
	Area - Administration Building Ground Floor : Restroom : Male								
17.1	2252672-85	14 Jun 2022	Day time	1	611	583.5	50	100	Pass
17.2	2252672-86	14 Jun 2022	Day time	2	556				
17.1	2252672-87	14 Jun 2022	Night time	1	476	532.5	50	100	Pass
17.2	2252672-88	14 Jun 2022	Night time	2	589				
	Area - Administration Building Ground Floor : Restroom : Female								
18.1	2252672-89	14 Jun 2022	Day time	1	440	695.5	50	100	Pass
18.2	2252672-90	14 Jun 2022	Day time	2	951				
18.1	2252672-91	14 Jun 2022	Night time	1	412	551.0	50	100	Pass
18.2	2252672-92	14 Jun 2022	Night time	2	690				
	Area - Administration Building Ground Floor : Utility Room for Electricity								
19.1	2252672-93	14 Jun 2022	Day time	1	597	531.0	50	100	Pass
19.2	2252672-94	14 Jun 2022	Day time	2	465				
19.1	2252672-95	14 Jun 2022	Night time	1	639	519.5	50	100	Pass
19.2	2252672-96	14 Jun 2022	Night time	2	400				
	Area - Administration Building Ground Floor : Utility Room for Water								
20.1	2252672-97	14 Jun 2022	Day time	1	498	608.5	50	100	Pass
20.2	2252672-98	14 Jun 2022	Day time	2	719				
20.1	2252672-99	14 Jun 2022	Night time	1	559	595.0	50	100	Pass
20.2	2252672-100	14 Jun 2022	Night time	2	631				

**Measurement by** : Phong Siri Somkaew Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

**Guideline** : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

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## Analysis / Test Report

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**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2252673**

Date Received : Jun 17, 2022  
Date Reported : Jun 21, 2022  
Report Number : 2348922-1

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Area - Control Building : Ground Floor : Corridor (หน้าประตูทางเข้าหลัก)								
1.1	2252673-1	14 Jun 2022	Day time	1	885	852.5	50	100	Pass
1.2	2252673-2	14 Jun 2022	Day time	2	820				
1.1	2252673-3	14 Jun 2022	Night time	1	576	555.0	50	100	Pass
1.2	2252673-4	14 Jun 2022	Night time	2	534				

**Measurement by** : Phongsiri Somkaew Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

**Guideline** : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

Supot Salamteh  
Section Head

Approved by

Wichan Choonharat  
Assistant Manager

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## Analysis / Test Report

**Client** : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2252674**

Date Received : Jun 17, 2022  
Date Reported : Jun 21, 2022  
Report Number : 2348925-1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Control Building First Floor : Battery Room									
1.1	2252674-1	14 Jun 2022	Day time	1	545	538.0	100	200	Pass
1.2	2252674-2	14 Jun 2022	Day time	2	531				
1.1	2252674-3	14 Jun 2022	Night time	1	507	503.0	100	200	Pass
1.2	2252674-4	14 Jun 2022	Night time	2	499				
Area - Control Building First Floor : Switchgear and Electrical Equipment Room (หน้าตู้ Control แลหน้า)									
2.1	2252674-5	14 Jun 2022	Day time	1	397	326.4	100	200	Pass
2.2	2252674-6	14 Jun 2022	Day time	2	394				
2.3	2252674-7	14 Jun 2022	Day time	3	233				
2.4	2252674-8	14 Jun 2022	Day time	4	314				
2.5	2252674-9	14 Jun 2022	Day time	5	243				
2.6	2252674-10	14 Jun 2022	Day time	6	254				
2.7	2252674-11	14 Jun 2022	Day time	7	450				
2.1	2252674-12	14 Jun 2022	Night time	1	376	321.9	100	200	Pass
2.2	2252674-13	14 Jun 2022	Night time	2	354				
2.3	2252674-14	14 Jun 2022	Night time	3	263				
2.4	2252674-15	14 Jun 2022	Night time	4	303				
2.5	2252674-16	14 Jun 2022	Night time	5	266				
2.6	2252674-17	14 Jun 2022	Night time	6	278				
2.7	2252674-18	14 Jun 2022	Night time	7	413				

**Measurement by** : Phongsiri Somkaew Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

**Guideline** : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

Supot Salamteh  
Section Head

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Wichan Choonharat  
Assistant Manager

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## Analysis / Test Report

**Client** : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2252675**

Date Received : Jun 17, 2022  
Date Reported : Jun 21, 2022  
Report Number : 2348927-1

Page 1 of 3

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot / Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Area - Control Building Second Floor : Canteen & Pantry								
1.1	2252675-1	14 Jun 2022	Day time	1	594	527.0	150	300	Pass
1.2	2252675-2	14 Jun 2022	Day time	2	460				
1.1	2252675-3	14 Jun 2022	Night time	1	370	375.5	150	300	Pass
1.2	2252675-4	14 Jun 2022	Night time	2	381				
	Spot - Control Building Second Floor : Control Room Table 1								
2	2252675-5	14 Jun 2022	Day time	1	643	-	400-500	-	Pass
2	2252675-6	14 Jun 2022	Night time	1	645	-	400-500	-	Pass
	Spot - Control Building Second Floor : Control Room Table 2								
3	2252675-7	14 Jun 2022	Day time	1	685	-	400-500	-	Pass
3	2252675-8	14 Jun 2022	Night time	1	672	-	400-500	-	Pass
	Spot - Control Building Second Floor : Control Room Table 3								
4	2252675-9	14 Jun 2022	Day time	1	631	-	400-500	-	Pass
4	2252675-10	14 Jun 2022	Night time	1	629	-	400-500	-	Pass
	Spot - Control Building Second Floor : Control Room Table 4								
5	2252675-11	14 Jun 2022	Day time	1	850	-	400-500	-	Pass
5	2252675-12	14 Jun 2022	Night time	1	853	-	400-500	-	Pass
	Spot - Control Building Second Floor : Control Room Table 5								
6	2252675-13	14 Jun 2022	Day time	1	659	-	400-500	-	Pass
6	2252675-14	14 Jun 2022	Night time	1	580	-	400-500	-	Pass
	Spot - Control Building Second Floor : Control Room Table 6								
7	2252675-15	14 Jun 2022	Day time	1	625	-	400-500	-	Pass
7	2252675-16	14 Jun 2022	Night time	1	527	-	400-500	-	Pass

Technical Management

Supot Salamteh  
Section Head

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Wichan Choonharat  
Assistant Manager

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## Analysis / Test Report

**Client** : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2252675**

Date Received : Jun 17, 2022  
Date Reported : Jun 21, 2022  
Report Number : 2348927-1

Page 2 of 3

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot / Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Control Building Second Floor : Corridor									
8.1	2252675-17	14 Jun 2022	Day time	1	552	344.7	50	100	Pass
8.2	2252675-18	14 Jun 2022	Day time	2	488				
8.3	2252675-19	14 Jun 2022	Day time	3	316				
8.4	2252675-20	14 Jun 2022	Day time	4	251				
8.5	2252675-21	14 Jun 2022	Day time	5	210				
8.6	2252675-22	14 Jun 2022	Day time	6	251				
8.1	2252675-23	14 Jun 2022	Night time	1	503	355.8	50	100	Pass
8.2	2252675-24	14 Jun 2022	Night time	2	443				
8.3	2252675-25	14 Jun 2022	Night time	3	324				
8.4	2252675-26	14 Jun 2022	Night time	4	266				
8.5	2252675-27	14 Jun 2022	Night time	5	216				
8.6	2252675-28	14 Jun 2022	Night time	6	383				
Area - Control Building Second Floor : Utility Room (หน้าตู้ควบคุม)									
9.1	2252675-29	14 Jun 2022	Day time	1	415	381.5	100	200	Pass
9.2	2252675-30	14 Jun 2022	Day time	2	253				
9.3	2252675-31	14 Jun 2022	Day time	3	438				
9.4	2252675-32	14 Jun 2022	Day time	4	420				
9.1	2252675-33	14 Jun 2022	Night time	1	407	351.8	100	200	Pass
9.2	2252675-34	14 Jun 2022	Night time	2	223				
9.3	2252675-35	14 Jun 2022	Night time	3	386				
9.4	2252675-36	14 Jun 2022	Night time	4	391				
Area - Control Building Second Floor : DSC Cabinet (ตรงกลางหน้าตู้ Control)									
10.1	2252675-37	14 Jun 2022	Day time	1	572	545.7	100	200	Pass
10.2	2252675-38	14 Jun 2022	Day time	2	562				
10.3	2252675-39	14 Jun 2022	Day time	3	503				
10.1	2252675-40	14 Jun 2022	Night time	1	497	497.0	100	200	Pass
10.2	2252675-41	14 Jun 2022	Night time	2	551				
10.3	2252675-42	14 Jun 2022	Night time	3	443				
Spot - Control Building Second Floor : DSC Table 1									
11	2252675-43	14 Jun 2022	Day time	1	403	-	400-500	-	Pass
11	2252675-44	14 Jun 2022	Night time	1	411	-	400-500	-	Pass
Spot - Control Building Second Floor : DSC Table 2									
12	2252675-45	14 Jun 2022	Day time	1	405	-	400-500	-	Pass
12	2252675-46	14 Jun 2022	Night time	1	415	-	400-500	-	Pass

Technical Management

Supot Salamteh  
Section Head

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Wichan Choonharat  
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**Client** : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2252675**

Date Received : Jun 17, 2022  
Date Reported : Jun 21, 2022  
Report Number : 2348927-1

Page 3 of 3

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Spot - Control Building Second Floor : Operation Manager								
13	2252675-47	14 Jun 2022	Day time	1	409	-	400-500	-	Pass
13	2252675-48	14 Jun 2022	Night time	1	425	-	400-500	-	Pass
	Area - Control Building Second Floor : Restroom : Female								
14.1	2252675-49	14 Jun 2022	Day time	1	626	519.0	50	100	Pass
14.2	2252675-50	14 Jun 2022	Day time	2	412				
14.1	2252675-51	14 Jun 2022	Night time	1	166	169.5	50	100	Pass
14.2	2252675-52	14 Jun 2022	Night time	2	173				
	Area - Control Building Second Floor : Restroom : Male								
15.1	2252675-53	14 Jun 2022	Day time	1	291	384.0	50	100	Pass
15.2	2252675-54	14 Jun 2022	Day time	2	310				
15.3	2252675-55	14 Jun 2022	Day time	3	623				
15.4	2252675-56	14 Jun 2022	Day time	4	312				
15.1	2252675-57	14 Jun 2022	Night time	1	220	244.0	50	100	Pass
15.2	2252675-58	14 Jun 2022	Night time	2	251				
15.3	2252675-59	14 Jun 2022	Night time	3	240				
15.4	2252675-60	14 Jun 2022	Night time	4	265				
	Area - Control Building Second Floor : Stair								
16.1	2252675-61	14 Jun 2022	Day time	1	223	321.3	50	100	Pass
16.2	2252675-62	14 Jun 2022	Day time	2	596				
16.3	2252675-63	14 Jun 2022	Day time	3	145				
16.1	2252675-64	14 Jun 2022	Night time	1	109	115.7	50	100	Pass
16.2	2252675-65	14 Jun 2022	Night time	2	128				
16.3	2252675-66	14 Jun 2022	Night time	3	110				

**Measurement by** : Phong Siri Somkaew Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

**Guideline** : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

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Section Head

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## Analysis / Test Report

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888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2252676**

Date Received : Jun 17, 2022  
Date Reported : Jun 21, 2022  
Report Number : 2348929-1

Page 1 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot / Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Spot - Laboratory Building : Lab Office Table									
1	2252676-1	14 Jun 2022	Day time	1	402	-	400-500	-	Pass
1	2252676-2	14 Jun 2022	Night time	1	401	-	400-500	-	Pass
Area - Laboratory Building : Lab Office Toilet Women									
2.1	2252676-3	14 Jun 2022	Day time	1	535	554.5	50	100	Pass
2.2	2252676-4	14 Jun 2022	Day time	2	574				
2.1	2252676-5	14 Jun 2022	Night time	1	385	383.5	50	100	Pass
2.2	2252676-6	14 Jun 2022	Night time	2	382				
Area - Laboratory Building : Lab Room									
3.1	2252676-7	14 Jun 2022	Day time	1	586	455.3	150	300	Pass
3.2	2252676-8	14 Jun 2022	Day time	2	343				
3.3	2252676-9	14 Jun 2022	Day time	3	351				
3.4	2252676-10	14 Jun 2022	Day time	4	470				
3.5	2252676-11	14 Jun 2022	Day time	5	465				
3.6	2252676-12	14 Jun 2022	Day time	6	517				
3.1	2252676-13	14 Jun 2022	Night time	1	383	447.0	150	300	Pass
3.2	2252676-14	14 Jun 2022	Night time	2	361				
3.3	2252676-15	14 Jun 2022	Night time	3	498				
3.4	2252676-16	14 Jun 2022	Night time	4	503				
3.5	2252676-17	14 Jun 2022	Night time	5	477				
3.6	2252676-18	14 Jun 2022	Night time	6	460				
Area - Laboratory Building : MCC Control Room (หน้าตู้ Control)									
4.1	2252676-19	14 Jun 2022	Day time	1	344	296.3	100	200	Pass
4.2	2252676-20	14 Jun 2022	Day time	2	263				
4.3	2252676-21	14 Jun 2022	Day time	3	282				
4.1	2252676-22	14 Jun 2022	Night time	1	315	290.7	100	200	Pass
4.2	2252676-23	14 Jun 2022	Night time	2	255				
4.3	2252676-24	14 Jun 2022	Night time	3	302				
Area - Laboratory Building : Lab Office Toilet Men									
5.1	2252676-25	14 Jun 2022	Day time	1	242	266.5	50	100	Pass
5.2	2252676-26	14 Jun 2022	Day time	2	291				
5.1	2252676-27	14 Jun 2022	Night time	1	301	305.5	50	100	Pass
5.2	2252676-28	14 Jun 2022	Night time	2	310				

**Measurement by** : Phongsiri Somkaew Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

**Technical Management**

Supot Salamteh  
Section Head

**Approved by**

Wichan Choonharat  
Assistant Manager

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**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2252676**

Date Received : Jun 17, 2022  
Date Reported : Jun 21, 2022  
Report Number : 2348929-1

Page 2 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Guideline :	Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)								

Technical Management

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## Analysis / Test Report

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**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2252677**

Date Received : Jun 17, 2022  
Date Reported : Jun 21, 2022  
Report Number : 2348931-1

Page 1 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Switchyard Control Building : 115 kV Battery Room									
1.1	2252677-1	14 Jun 2022	Day time	1	640	622.0	100	200	Pass
1.2	2252677-2	14 Jun 2022	Day time	2	604				
1.1	2252677-3	14 Jun 2022	Night time	1	626	619.0	100	200	Pass
1.2	2252677-4	14 Jun 2022	Night time	2	612				
Area - Switchyard Control Building : 115 kV Switchgear Room									
2.1	2252677-5	14 Jun 2022	Day time	1	798	668.8	100	200	Pass
2.2	2252677-6	14 Jun 2022	Day time	2	719				
2.3	2252677-7	14 Jun 2022	Day time	3	799				
2.4	2252677-8	14 Jun 2022	Day time	4	359				
2.1	2252677-9	14 Jun 2022	Night time	1	414	531.8	100	200	Pass
2.2	2252677-10	14 Jun 2022	Night time	2	653				
2.3	2252677-11	14 Jun 2022	Night time	3	669				
2.4	2252677-12	14 Jun 2022	Night time	4	391				
Area - Switchyard Control Building : 22 kV Switchgear Room (หน้าตู้ Control)									
3.1	2252677-13	14 Jun 2022	Day time	1	416	451.3	100	200	Pass
3.2	2252677-14	14 Jun 2022	Day time	2	454				
3.3	2252677-15	14 Jun 2022	Day time	3	484				
3.1	2252677-16	14 Jun 2022	Night time	1	412	397.7	100	200	Pass
3.2	2252677-17	14 Jun 2022	Night time	2	431				
3.3	2252677-18	14 Jun 2022	Night time	3	350				
Area - Switchyard Control Building : Terminal Sub. Battery Room									
4.1	2252677-19	14 Jun 2022	Day time	1	402	461.0	100	200	Pass
4.2	2252677-20	14 Jun 2022	Day time	2	520				
4.1	2252677-21	14 Jun 2022	Night time	1	386	459.0	100	200	Pass
4.2	2252677-22	14 Jun 2022	Night time	2	532				
Area - Switchyard Control Building : Terminal Substation Control Room (หน้าตู้ Control)									
5.1	2252677-23	14 Jun 2022	Day time	1	310	378.3	100	200	Pass
5.2	2252677-24	14 Jun 2022	Day time	2	412				
5.3	2252677-25	14 Jun 2022	Day time	3	425				
5.4	2252677-26	14 Jun 2022	Day time	4	366				
5.1	2252677-27	14 Jun 2022	Night time	1	319	331.5	100	200	Pass
5.2	2252677-28	14 Jun 2022	Night time	2	330				
5.3	2252677-29	14 Jun 2022	Night time	3	374				
5.4	2252677-30	14 Jun 2022	Night time	4	303				

Technical Management

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Section Head

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## Analysis / Test Report

**Client** : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpailin, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2252677**

Date Received : Jun 17, 2022  
Date Reported : Jun 21, 2022  
Report Number : 2348931-1

Page 2 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	

**Measurement by** : Phongsiri Somkaew Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

**Guideline** : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

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Wichan Choonharat  
Assistant Manager

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## Analysis / Test Report

**Client** : Gulf BP Co., Ltd.  
888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2252678**

Date Received : Jun 17, 2022  
Date Reported : Jul 08, 2022  
Report Number : 2348921-1 Rev. No.1

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Spot - Workshop First Floor : C&I Engineer #1									
1	2252678-1	14 Jun 2022	Day time	1	468	-	400-500	-	Pass
1	2252678-2	14 Jun 2022	Night time	1	461	-	400-500	-	Pass
Spot - Workshop First Floor : C&I Engineer #1.1									
2	2252678-3	14 Jun 2022	Day time	1	412	-	400-500	-	Pass
2	2252678-4	14 Jun 2022	Night time	1	422	-	400-500	-	Pass
Spot - Workshop First Floor : C&I Helper									
3	2252678-5	14 Jun 2022	Day time	1	459	-	400-500	-	Pass
3	2252678-6	14 Jun 2022	Night time	1	457	-	400-500	-	Pass
Spot - Workshop First Floor : C&I Leader									
4	2252678-7	14 Jun 2022	Day time	1	461	-	400-500	-	Pass
4	2252678-8	14 Jun 2022	Night time	1	430	-	400-500	-	Pass
Area - Workshop First Floor : Canteen & Pantry (พื้นที่เตรียมอาหาร)									
5.1	2252678-9	14 Jun 2022	Day time	1	379	359.5	150	300	Pass
5.2	2252678-10	14 Jun 2022	Day time	2	340				
5.1	2252678-11	14 Jun 2022	Night time	1	319	345.0	150	300	Pass
5.2	2252678-12	14 Jun 2022	Night time	2	371				
Area - Workshop First Floor : Copy Room									
6.1	2252678-13	14 Jun 2022	Day time	1	419	499.5	150	300	Pass
6.2	2252678-14	14 Jun 2022	Day time	2	580				
6.1	2252678-15	14 Jun 2022	Night time	1	495	509.5	150	300	Pass
6.2	2252678-16	14 Jun 2022	Night time	2	524				
Area - Workshop First Floor : Corridor									
7.1	2252678-17	14 Jun 2022	Day time	1	339	414.0	50	100	Pass
7.2	2252678-18	14 Jun 2022	Day time	2	518				
7.3	2252678-19	14 Jun 2022	Day time	3	413				
7.4	2252678-20	14 Jun 2022	Day time	4	386				
7.1	2252678-21	14 Jun 2022	Night time	1	220	292.3	50	100	Pass
7.2	2252678-22	14 Jun 2022	Night time	2	269				
7.3	2252678-23	14 Jun 2022	Night time	3	322				
7.4	2252678-24	14 Jun 2022	Night time	4	358				

Technical Management

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Workshop First Floor : Document Room									
8.1	2252678-25	14 Jun 2022	Day time	1	890	740.0	150	300	Pass
8.2	2252678-26	14 Jun 2022	Day time	2	590				
8.1	2252678-27	14 Jun 2022	Night time	1	319	310.0	150	300	Pass
8.2	2252678-28	14 Jun 2022	Night time	2	301				
Spot - Workshop First Floor : MM Engineer #2									
9	2252678-29	14 Jun 2022	Day time	1	414	-	400-500	-	Pass
9	2252678-30	14 Jun 2022	Night time	1	423	-	400-500	-	Pass
Area - Workshop First Floor : Meeting Room									
10.1	2252678-31	14 Jun 2022	Day time	1	459	522.8	150	300	Pass
10.2	2252678-32	14 Jun 2022	Day time	2	472				
10.3	2252678-33	14 Jun 2022	Day time	3	461				
10.4	2252678-34	14 Jun 2022	Day time	4	563				
10.5	2252678-35	14 Jun 2022	Day time	5	584				
10.6	2252678-36	14 Jun 2022	Day time	6	598				
10.1	2252678-37	14 Jun 2022	Night time	1	342	383.7	150	300	Pass
10.2	2252678-38	14 Jun 2022	Night time	2	386				
10.3	2252678-39	14 Jun 2022	Night time	3	358				
10.4	2252678-40	14 Jun 2022	Night time	4	337				
10.5	2252678-41	14 Jun 2022	Night time	5	396				
10.6	2252678-42	14 Jun 2022	Night time	6	483				
Spot - Workshop First Floor : MM Engineer #1									
11	2252678-43	14 Jun 2022	Day time	1	416	-	400-500	-	Pass
11	2252678-44	14 Jun 2022	Night time	1	418	-	400-500	-	Pass
Spot - Workshop First Floor : MM Leader									
12	2252678-45	14 Jun 2022	Day time	1	452	-	400-500	-	Pass
12	2252678-46	14 Jun 2022	Night time	1	432	-	400-500	-	Pass
Spot - Workshop First Floor : IT Office									
13	2252678-47	14 Jun 2022	Day time	1	429	-	400-500	-	Pass
13	2252678-48	14 Jun 2022	Night time	1	465	-	400-500	-	Pass
Area - Workshop First Floor : Restroom : Female									
14.1	2252678-49	14 Jun 2022	Day time	1	120	111.0	50	100	Pass
14.2	2252678-50	14 Jun 2022	Day time	2	102				
14.1	2252678-51	14 Jun 2022	Night time	1	118	113.5	50	100	Pass
14.2	2252678-52	14 Jun 2022	Night time	2	109				

Technical Management

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**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2252678**

Date Received : Jun 17, 2022  
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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Workshop First Floor : Restroom : Male									
15.1	2252678-53	14 Jun 2022	Day time	1	459	333.7	50	100	Pass
15.2	2252678-54	14 Jun 2022	Day time	2	232				
15.3	2252678-55	14 Jun 2022	Day time	3	310				
15.1	2252678-56	14 Jun 2022	Night time	1	307	260.7	50	100	Pass
15.2	2252678-57	14 Jun 2022	Night time	2	173				
15.3	2252678-58	14 Jun 2022	Night time	3	302				
Spot - Workshop First Floor : Electrical Engineering #1									
16	2252678-59	14 Jun 2022	Day time	1	536	-	400-500	-	Pass
16	2252678-60	14 Jun 2022	Night time	1	518	-	400-500	-	Pass
Spot - Workshop First Floor : Electrical Engineering #2									
17	2252678-61	14 Jun 2022	Day time	1	569	-	400-500	-	Pass
17	2252678-62	14 Jun 2022	Night time	1	461	-	400-500	-	Pass
Spot - Workshop First Floor : Electrical Helper									
18	2252678-63	14 Jun 2022	Day time	1	512	-	400-500	-	Pass
18	2252678-64	14 Jun 2022	Night time	1	463	-	400-500	-	Pass
Spot - Workshop First Floor : Electrical Leader									
19	2252678-65	14 Jun 2022	Day time	1	470	-	400-500	-	Pass
19	2252678-66	14 Jun 2022	Night time	1	424	-	400-500	-	Pass
Spot - Workshop First Floor : Maintenance Manager									
20	2252678-67	14 Jun 2022	Day time	1	465	-	400-500	-	Pass
20	2252678-68	14 Jun 2022	Night time	1	411	-	400-500	-	Pass

**Measurement by** : Phongsi Somkaew Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

**Guideline** : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

**Note** : This Analysis test report is reissued to supersede report No . 2348921-1 Reported : Jun 21,2022 due to revise sample information

Technical Management

Supot Salamteh  
Section Head

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Assistant Manager

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**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2252679**

Date Received : Jun 17, 2022  
Date Reported : Jun 21, 2022  
Report Number : 2348920-1

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot / Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Area - Workshop Ground Floor : C&I Workshop								
1.1	2252679-1	14 Jun 2022	Day time	1	422	416.0	100	200	Pass
1.2	2252679-2	14 Jun 2022	Day time	2	426				
1.3	2252679-3	14 Jun 2022	Day time	3	406				
1.4	2252679-4	14 Jun 2022	Day time	4	410				
1.1	2252679-5	14 Jun 2022	Night time	1	419	421.5	100	200	Pass
1.2	2252679-6	14 Jun 2022	Night time	2	429				
1.3	2252679-7	14 Jun 2022	Night time	3	418				
1.4	2252679-8	14 Jun 2022	Night time	4	420				
	Area - Workshop Ground Floor : Corridor								
2.1	2252679-9	14 Jun 2022	Day time	1	296	335.0	50	100	Pass
2.2	2252679-10	14 Jun 2022	Day time	2	244				
2.3	2252679-11	14 Jun 2022	Day time	3	546				
2.4	2252679-12	14 Jun 2022	Day time	4	301				
2.5	2252679-13	14 Jun 2022	Day time	5	312				
2.6	2252679-14	14 Jun 2022	Day time	6	271				
2.7	2252679-15	14 Jun 2022	Day time	7	375				
2.1	2252679-16	14 Jun 2022	Night time	1	243	255.9	50	100	Pass
2.2	2252679-17	14 Jun 2022	Night time	2	344				
2.3	2252679-18	14 Jun 2022	Night time	3	336				
2.4	2252679-19	14 Jun 2022	Night time	4	380				
2.5	2252679-20	14 Jun 2022	Night time	5	184				
2.6	2252679-21	14 Jun 2022	Night time	6	202				
2.7	2252679-22	14 Jun 2022	Night time	7	102				

Technical Management

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Section Head

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888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2252679**

Date Received : Jun 17, 2022  
Date Reported : Jun 21, 2022  
Report Number : 2348920-1

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Workshop Ground Floor : Mechanical and Electrical Workshop									
3.1	2252679-23	14 Jun 2022	Day time	1	357	392.8	150	300	Pass
3.2	2252679-24	14 Jun 2022	Day time	2	395				
3.3	2252679-25	14 Jun 2022	Day time	3	358				
3.4	2252679-26	14 Jun 2022	Day time	4	370				
3.5	2252679-27	14 Jun 2022	Day time	5	436				
3.6	2252679-28	14 Jun 2022	Day time	6	521				
3.7	2252679-29	14 Jun 2022	Day time	7	302				
3.8	2252679-30	14 Jun 2022	Day time	8	414				
3.9	2252679-31	14 Jun 2022	Day time	9	382				
3.1	2252679-32	14 Jun 2022	Night time	1	312	340.8	150	300	Pass
3.2	2252679-33	14 Jun 2022	Night time	2	345				
3.3	2252679-34	14 Jun 2022	Night time	3	371				
3.4	2252679-35	14 Jun 2022	Night time	4	343				
3.5	2252679-36	14 Jun 2022	Night time	5	338				
3.6	2252679-37	14 Jun 2022	Night time	6	379				
3.7	2252679-38	14 Jun 2022	Night time	7	303				
3.8	2252679-39	14 Jun 2022	Night time	8	332				
3.9	2252679-40	14 Jun 2022	Night time	9	344				
Area - Workshop Ground Floor : Restroom : Female									
4.1	2252679-41	14 Jun 2022	Day time	1	515	534.0	50	100	Pass
4.2	2252679-42	14 Jun 2022	Day time	2	553				
4.1	2252679-43	14 Jun 2022	Night time	1	476	410.0	50	100	Pass
4.2	2252679-44	14 Jun 2022	Night time	2	344				
Area - Workshop Ground Floor : Restroom : Male									
5.1	2252679-45	14 Jun 2022	Day time	1	394	328.0	50	100	Pass
5.2	2252679-46	14 Jun 2022	Day time	2	262				
5.1	2252679-47	14 Jun 2022	Night time	1	367	334.0	50	100	Pass
5.2	2252679-48	14 Jun 2022	Night time	2	301				
Area - Workshop Ground Floor : Server Room									
6.1	2252679-49	14 Jun 2022	Day time	1	221	210.0	100	200	Pass
6.2	2252679-50	14 Jun 2022	Day time	2	199				
6.1	2252679-51	14 Jun 2022	Night time	1	212	207.0	100	200	Pass
6.2	2252679-52	14 Jun 2022	Night time	2	202				

Technical Management

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot / Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Workshop Ground Floor : Stair									
7.1	2252679-53	14 Jun 2022	Day time	1	103	118.0	50	100	Pass
7.2	2252679-54	14 Jun 2022	Day time	2	186				
7.3	2252679-55	14 Jun 2022	Day time	3	65				
7.1	2252679-56	14 Jun 2022	Night time	1	112	110.0	50	100	Pass
7.2	2252679-57	14 Jun 2022	Night time	2	120				
7.3	2252679-58	14 Jun 2022	Night time	3	98				
Area - Workshop Ground Floor : Tool Room									
8.1	2252679-59	14 Jun 2022	Day time	1	303	318.3	50	100	Pass
8.2	2252679-60	14 Jun 2022	Day time	2	261				
8.3	2252679-61	14 Jun 2022	Day time	3	387				
8.4	2252679-62	14 Jun 2022	Day time	4	376				
8.5	2252679-63	14 Jun 2022	Day time	5	269				
8.6	2252679-64	14 Jun 2022	Day time	6	314				
8.1	2252679-65	14 Jun 2022	Night time	1	319	329.2	50	100	Pass
8.2	2252679-66	14 Jun 2022	Night time	2	270				
8.3	2252679-67	14 Jun 2022	Night time	3	369				
8.4	2252679-68	14 Jun 2022	Night time	4	389				
8.5	2252679-69	14 Jun 2022	Night time	5	301				
8.6	2252679-70	14 Jun 2022	Night time	6	327				

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot / Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Workshop Ground Floor : Unsecured Heavy/Bulky Equipment Storage									
9.1	2252679-71	14 Jun 2022	Day time	1	521	595.9	50	100	Pass
9.2	2252679-72	14 Jun 2022	Day time	2	694				
9.3	2252679-73	14 Jun 2022	Day time	3	538				
9.4	2252679-74	14 Jun 2022	Day time	4	577				
9.5	2252679-75	14 Jun 2022	Day time	5	610				
9.6	2252679-76	14 Jun 2022	Day time	6	618				
9.7	2252679-77	14 Jun 2022	Day time	7	673				
9.8	2252679-78	14 Jun 2022	Day time	8	536				
9.1	2252679-79	14 Jun 2022	Night time	1	392	414.5	50	100	Pass
9.2	2252679-80	14 Jun 2022	Night time	2	467				
9.3	2252679-81	14 Jun 2022	Night time	3	413				
9.4	2252679-82	14 Jun 2022	Night time	4	403				
9.5	2252679-83	14 Jun 2022	Night time	5	394				
9.6	2252679-84	14 Jun 2022	Night time	6	368				
9.7	2252679-85	14 Jun 2022	Night time	7	436				
9.8	2252679-86	14 Jun 2022	Night time	8	443				
Area - Workshop Ground Floor : Unsecured Warehouse (Rack GBP-C & GBP-B)									
10.1	2252679-87	14 Jun 2022	Day time	1	317	315.0	50	100	Pass
10.2	2252679-88	14 Jun 2022	Day time	2	313				
10.1	2252679-89	14 Jun 2022	Night time	1	327	318.0	50	100	Pass
10.2	2252679-90	14 Jun 2022	Night time	2	309				
Area - Workshop Ground Floor : Utility Room									
11.1	2252679-91	14 Jun 2022	Day time	1	404	371.5	50	100	Pass
11.2	2252679-92	14 Jun 2022	Day time	2	339				
11.1	2252679-93	14 Jun 2022	Night time	1	361	357.5	50	100	Pass
11.2	2252679-94	14 Jun 2022	Night time	2	354				
Spot - Workshop Ground Floor : Warehouse Office Table 1									
12	2252679-95	14 Jun 2022	Day time	1	462	-	400-500	-	Pass
12	2252679-96	14 Jun 2022	Night time	1	431	-	400-500	-	Pass
Spot - Workshop Ground Floor : Warehouse Office Table 2									
13	2252679-97	14 Jun 2022	Day time	1	426	-	400-500	-	Pass
13	2252679-98	14 Jun 2022	Night time	1	455	-	400-500	-	Pass

**Measurement by** : Phongsiri Somkaew Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

**Technical Management**

Supot Salamteh  
Section Head

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888 Moo.1, Ban Pho, Bangpain, Ayutthaya Thailand 13160  
**P/O** : สัญญาเลขที่4600001491  
**Project Name** : Monitoring EIA  
**Project Location** : GBP

**Lot ID: 2252679**

Date Received : Jun 17, 2022  
Date Reported : Jun 21, 2022  
Report Number : 2348920-1

Page 5 of 5

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Guideline :	Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)								

Technical Management

Supot Salamteh  
Section Head

Approved by

Wichan Choonharat  
Assistant Manager

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ภาคผนวก ค-1

สภาพแวดล้อมและลักษณะของแหล่งน้ำผิวดิน  
ของบริเวณคลองบ้านเลนระหว่างจุดระบายน้ำทิ้งของ  
นิคมอุตสาหกรรมบ้านหว้า (ไฮเทค) และประตูระบายน้ำบ้านเลน

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สภาพแวดล้อมแหล่งน้ำผิวดินของบริเวณคลองบ้านเลนระหว่างจุดระบายน้ำทั้งของนิคมอุตสาหกรรมบ้านหว้า (ไฮเทค)  
และประตูระบายน้ำบ้านเลน ระดับความลึก 2.20 m เก็บที่ระดับ 1.10 m  
เก็บตัวอย่างเมื่อวันที่ 5 พฤษภาคม 2565





ภาคผนวก ค-2

สำรวจสภาพเศรษฐกิจและสังคม และความคิดเห็นของประชาชน  
ในชุมชนรอบพื้นที่โครงการ ในรัศมี 5 กิโลเมตรประชาชนในชุมชน  
ที่เป็นสถานีตรวจวัดคุณภาพสิ่งแวดล้อมรวมถึงผู้นำชุมชน  
ผู้นำท้องถิ่นและหน่วยงานราชการที่เกี่ยวข้องในพื้นที่

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ผลแบบสอบถามสภาพเศรษฐกิจ-สังคม และความคิดเห็นสำหรับหน่วยงาน ประจำปี 2564

ต่อโครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลฟ์ บีพี จำกัด

ที่ตั้ง นิคมอุตสาหกรรมบ้านหว้า (ไฮเทค) อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา

รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	8	100.0
<b>ส่วนที่ 1 ข้อมูลทั่วไปของผู้ให้สัมภาษณ์</b>		
<b>1.1 ข้อมูลทั่วไปของผู้ตอบแบบสอบถาม</b>		
<b>1.1.1 เพศ</b>		
- ชาย	3	37.5
- หญิง	5	62.5
รวม	8	100.0
<b>1.1.2 อายุ</b>		
- 31-40 ปี	4	50.0
- 41-50 ปี	2	25.0
- 51-60 ปี	2	25.0
รวม	8	100.0
<b>1.3 ระดับการศึกษาสูงสุด</b>		
- ปริญญาตรี	4	50.0
- สูงกว่าปริญญาตรี	4	50.0
รวม	8	100.0
<b>1.1.4 ตำแหน่งของท่าน</b>		
- ผู้อำนวยการโรงเรียน	1	12.5
- ผู้อำนวยการกองสิ่งแวดล้อม	1	12.5
- นักวิเคราะห์นโยบายและแผนปฏิบัติการ	1	12.5
- นักวิชาการสาธารณสุขชำนาญการ	2	25.0
- นักวิชาการสุขาภิบาล	1	12.5
- ไม่ระบุ	2	25.0
รวม	8	100.0
<b>1.1.5 ระยะเวลาในการดำรงตำแหน่งมาแล้ว</b>		
- ระหว่าง 1-5 ปี	3	37.5
- ระหว่าง 11 - 15 ปี	4	50.0
- มากกว่า 20 ปีขึ้นไป	1	12.5
รวม	8	100.0
<b>1.1.6 จำนวนบุคลากรในหน่วยงานของท่านเฉลี่ย</b>		
- ระหว่าง 10 -20 คน	1	12.5
- ระหว่าง 21 -30 คน	1	12.5
- ระหว่าง 41 -50 คน	2	25.0
- มากกว่า 50 คน	1	12.5
- ไม่ระบุ	3	37.5
รวม	8	100.0



ผลแบบสอบถามสภาพเศรษฐกิจ-สังคม และความคิดเห็นสำหรับหน่วยงาน ประจำปี 2564

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รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	8	100.0
1.2 ภูมิสำเนาเดิม		
1.2.1 ภูมิสำเนา		
- อยู่ที่นี่ตั้งแต่เกิด (ข้ามไปตอบ ส่วนที่ 2)	0	0.0
- ย้ายมาจากที่อื่น	8	100.0
รวม	8	100.0
1.2.2 ย้ายมาจาก		
- ภาคเหนือ	3	37.5
- ภาคกลาง	3	37.5
- ภาคอีสาน	2	25.0
รวม	8	100.0
1.2.3 ระยะเวลาที่ย้ายมา		
- ระหว่าง 1-5 ปี	2	25.0
- ระหว่าง 6 -10 ปี	2	25.0
- ระหว่าง 11 - 15 ปี	2	25.0
- มากกว่า 20 ปีขึ้นไป	2	25.0
รวม	8	100.0
ส่วนที่ 2 ข้อมูลด้านสภาพแวดล้อมในปัจจุบันของหน่วยงาน/ชุมชน/พื้นที่รับผิดชอบในพื้นที่ของท่าน		
2.1 ในระยะเวลา 1 ปีที่ผ่านมา สภาพสิ่งแวดล้อมปัจจุบันของชุมชนมีการเปลี่ยนแปลงไปจากเดิม		
- ไม่เปลี่ยนแปลง	1	12.5
- เปลี่ยนแปลงเล็กน้อย	4	50.0
- เปลี่ยนแปลงปานกลาง	2	25.0
- เปลี่ยนแปลงมาก	1	12.5
รวม	8	100.0
สภาพแวดล้อมในชุมชนที่ท่านคิดว่าการเปลี่ยนแปลง เพราะ		
- การคมนาคม การเกิดโรคระบาด	1	14.3
- ประชากรเพิ่มขึ้น และประชากรแฝงจำนวนมาก และการก่อสร้างเพิ่มขึ้น	1	14.3
- อากาศร้อนมากขึ้น	1	14.3
- ไม่ระบุ	4	57.1
รวม	7	100.0



ผลแบบสอบถามสภาพเศรษฐกิจ-สังคม และความคิดเห็นสำหรับหน่วยงาน ประจำปี 2564

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รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	8	100.0
2.2 ปัญหาสิ่งแวดล้อม และความเดือดร้อนรำคาญจากมลภาวะต่างๆ ในบริเวณชุมชน (ตอบทุกข้อ)		
2.21 ฝุ่นละออง		
- ไม่มีปัญหา	2	25.0
- มีปัญหา	6	75.0
รวม	8	100.0
ระดับของปัญหา		
- น้อย	2	33.3
- ปานกลาง	3	50.0
- มาก	1	16.7
รวม	6	100.0
สาเหตุของปัญหา		
- โรงงาน	1	16.7
- การจราจร	2	33.3
- ไม่ทราบที่มา	3	50.0
รวม	6	100.0
2.2.2 ควัน/เขม่า		
- ไม่มีปัญหา	2	25.0
- มีปัญหา	6	75.0
รวม	8	100.0
ระดับของปัญหา		
- น้อย	2	33.3
- ปานกลาง	3	50.0
- มาก	1	16.7
รวม	6	100.0
สาเหตุของปัญหา		
- การจราจร	4	66.7
- การเผา	1	16.7
- ไม่ทราบที่มา	1	16.7
รวม	6	100.0



ผลแบบสอบถามสภาพเศรษฐกิจ-สังคม และความคิดเห็นสำหรับหน่วยงาน ประจำปี 2564

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รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	8	100.0
<b>2.2.3 กลิ่นเหม็น</b>		
- ไม่มีปัญหา	3	37.5
- มีปัญหา	5	62.5
รวม	8	100.0
<b>ระดับของปัญหา</b>		
- น้อย	2	40.0
- ปานกลาง	3	60.0
- มาก	0	0.0
รวม	5	100.0
<b>สาเหตุของปัญหา</b>		
- ชุมชน	1	20.0
- ไม่ทราบที่มา	4	80.0
รวม	5	100.0
<b>2.2.4 เสียงดัง</b>		
- ไม่มีปัญหา	4	50.0
- มีปัญหา	4	50.0
รวม	8	100.0
<b>ระดับของปัญหา</b>		
- น้อย	1	25.0
- ปานกลาง	2	50.0
- มาก	1	25.0
รวม	4	100.0
<b>สาเหตุของปัญหา</b>		
- ไม่ทราบที่มา	4	100.0
รวม	4	100.0
<b>2.2.5 ขยะมูลฝอย</b>		
- ไม่มีปัญหา	3	37.5
- มีปัญหา	5	62.5
รวม	8	100.0



ผลแบบสอบถามสภาพเศรษฐกิจ-สังคม และความคิดเห็นสำหรับหน่วยงาน ประจำปี 2564

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รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	8	100.0
ระดับของปัญหา		
- น้อย	0	0.0
- ปานกลาง	4	80.0
- มาก	1	20.0
รวม	5	100.0
สาเหตุของปัญหา		
- ชุมชน	1	20.0
- จัดเก็บขยะไม่ทัน	2	40.0
- ไม่ทราบที่มา	2	40.0
รวม	5	100.0
2.2.6 น้ำเสีย		
- ไม่มีปัญหา	4	50.0
- มีปัญหา	4	50.0
รวม	8	100.0
ระดับของปัญหา		
- น้อย	0	0.0
- ปานกลาง	3	75.0
- มาก	1	25.0
รวม	4	100.0
สาเหตุของปัญหา		
- ประชากรเพิ่มขึ้น	1	25.0
- ไม่ทราบที่มา	3	75.0
รวม	4	100.0
2.2.7 น้ำท่วมขัง		
- ไม่มีปัญหา	4	50.0
- มีปัญหา	4	50.0
รวม	8	100.0



ผลแบบสอบถามสภาพเศรษฐกิจ-สังคม และความคิดเห็นสำหรับหน่วยงาน ประจำปี 2564

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รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	8	100.0
ระดับของปัญหา		
- น้อย	1	25.0
- ปานกลาง	2	50.0
- มาก	1	25.0
รวม	4	100.0
สาเหตุของปัญหา		
- ชุมชน โรงงาน	1	25.0
- ไม่ทราบที่มา	3	75.0
รวม	4	100.0
2.2.8 ดินเสื่อมคุณภาพ		
- ไม่มีปัญหา	3	37.5
- มีปัญหา	5	62.5
รวม	8	100.0
ระดับของปัญหา		
- น้อย	2	40.0
- ปานกลาง	1	20.0
- มาก	2	40.0
รวม	5	100.0
สาเหตุของปัญหา		
- การใช้สารเคมี	1	20.0
- ชุมชน โรงงาน	1	20.0
- ไม่ทราบที่มา	3	60.0
รวม	5	100.0
2.2.9 ถนนชำรุด/การคมนาคมไม่สะดวก		
- ไม่มีปัญหา	3	37.5
- มีปัญหา	5	62.5
รวม	8	100.0



ผลแบบสอบถามสภาพเศรษฐกิจ-สังคม และความคิดเห็นสำหรับหน่วยงาน ประจำปี 2564

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รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	8	100.0
ระดับของปัญหา		
- น้อย	1	20.0
- ปานกลาง	2	40.0
- มาก	2	40.0
รวม	5	100.0
สาเหตุของปัญหา		
- อยู่ระหว่างปรับปรุง	1	20.0
- การจราจร	2	40.0
- ไม่ทราบที่มา	2	40.0
รวม	5	100.0
2.2.10 การจราจร/อุบัติเหตุ		
- ไม่มีปัญหา	3	37.5
- มีปัญหา	5	62.5
รวม	8	100.0
ระดับของปัญหา		
- น้อย	2	40.0
- ปานกลาง	1	20.0
- มาก	2	40.0
รวม	5	100.0
สาเหตุของปัญหา		
- ประมาท	1	20.0
- ไม่ทราบที่มา	4	80.0
รวม	5	100.0
ส่วนที่ 3 การรับทราบข้อมูล/ข่าวสาร และการมีส่วนร่วมกิจกรรมของโรงไฟฟ้าบ้านโพ		
3.1 ท่านทราบหรือรู้จักโครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลฟ์ บีพี จำกัด หรือไม่		
- ไม่ทราบ/ไม่รู้จัก (ข้ามไป 3.3)	1	12.5
- ทราบ / รู้จัก	7	87.5
รวม	8	100.0



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รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	8	100.0
<b>3.2 ถ้าทราบ ท่านทราบจากแหล่งใด (ตอบได้มากกว่า 1 ข้อ)</b>		
- ผู้นำชุมชน / อบต.	1	11.1
- จากเทศบาล / หน่วยงานราชการต่างๆ	4	44.4
- จากหนังสือพิมพ์	2	22.2
- เจ้าหน้าที่ของทางโครงการฯ	2	22.2
รวม	9	100.0
<b>3.3 ท่านต้องการให้ประชาสัมพันธ์/ให้ข้อมูลข่าวสารของโรงไฟฟ้าบ้านโพ เพิ่มเติมหรือไม่</b>		
- ไม่ต้องการทราบ	1	12.5
- ต้องการทราบ	7	87.5
รวม	8	100.0
<b>ต้องการทราบ เรื่อง</b>		
- กิจกรรม/ขั้นตอนการผลิต	2	6.7
- มาตรการป้องกัน และลดผลกระทบ	5	16.7
- การมีส่วนร่วมของบริษัทฯ กับชุมชน	4	13.3
- ประโยชน์ของโครงการ	4	13.3
- ผลกระทบด้านสิ่งแวดล้อม	7	23.3
- ผลกระทบด้านสังคม	3	10.0
- ผลกระทบด้านสุขภาพ	5	16.7
รวม	30	100.0
<b>3.4 ท่านสามารถระบุกิจกรรมที่โรงไฟฟ้าโพ จัดขึ้นได้หรือไม่</b>		
- ไม่สามารถระบุได้	4	50.0
- สามารถระบุได้	4	50.0
รวม	8	100.0
<b>สามารถระบุได้ ระบุกิจกรรม</b>		
- ผลิตไฟฟ้าเพื่อจำหน่ายให้แก่นิคมอุตสาหกรรม	1	16.7
- ร่วมประชุม	1	16.7
- ศึกษาดูงาน	2	33.3
- กิจกรรมงานวันเด็ก	1	16.7
- กิจกรรมมอบทุนการศึกษา	1	16.7
รวม	6	100.0



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รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	8	100.0
3.5 ช่วงที่ผ่านมาท่านเคยเข้าร่วมกิจกรรมกับโรงไฟฟ้าบ้านโพ หรือไม่		
- ไม่เคยเข้าร่วม	5	62.5
- เคยเข้าร่วม	3	37.5
รวม	8	100.0
ไม่เคยเข้าร่วม เนื่องจาก		
- ไม่แน่ใจว่ามีเจ้าหน้าที่ในหน่วยเข้าร่วมหรือไม่	1	20.0
- ไม่สะดวก	4	80.0
รวม	5	100.0
เคยเข้าร่วม เนื่องจาก		
- เป็นเจ้าหน้าที่ในโครงการ	1	33.3
- ไม่ระบุ	2	66.7
รวม	3	100.0
3.6 ท่านรู้จักกิจกรรมที่โรงไฟฟ้าบ้านโพ จัดขึ้นและมีความคิดเห็นอย่างไร		
3.6.1 กิจกรรมร่วมประชุม		
- ไม่รู้จัก	5	62.5
- รู้จัก	3	37.5
รวม	8	100.0
ความต้องการให้ดำเนินการต่อเนื่อง		
- ไม่ต้องการ	1	12.5
- ต้องการ	7	87.5
รวม	8	100.0
3.6.2 กิจกรรมศึกษาดูงาน		
- ไม่รู้จัก	5	62.5
- รู้จัก	3	37.5
รวม	8	100.0
ความต้องการให้ดำเนินการต่อเนื่อง		
- ไม่ต้องการ	1	12.5
- ต้องการ	7	87.5
รวม	8	100.0



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รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	8	100.0
3.6.3 กิจกรรมอบรมให้ความรู้		
- ไม่รู้จัก	2	25.0
- รู้จัก	6	75.0
รวม	8	100.0
ความต้องการให้ดำเนินการต่อเนื่อง		
- ไม่ต้องการ	0	0.0
- ต้องการ	8	100.0
รวม	8	100.0
3.6.4 กิจกรรมให้ทุนการศึกษานักเรียน		
- ไม่รู้จัก	4	50.0
- รู้จัก	4	50.0
รวม	8	100.0
ความต้องการให้ดำเนินการต่อเนื่อง		
- ไม่ต้องการ	0	0.0
- ต้องการ	8	100.0
รวม	8	100.0
3.6.5 กิจกรรมวันเด็ก		
- ไม่รู้จัก	3	37.5
- รู้จัก	5	62.5
รวม	8	100.0
ความต้องการให้ดำเนินการต่อเนื่อง		
- ไม่ต้องการ	0	0.0
- ต้องการ	8	100.0
รวม	8	100.0
3.6.6 สนับสนุนสนับสนุนกิจกรรมในชุมชน		
- ไม่รู้จัก	4	50.0
- รู้จัก	4	50.0
รวม	8	100.0



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รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	8	100.0
ความต้องการให้ดำเนินการต่อเนื่อง		
- ไม่ต้องการ	0	0.0
- ต้องการ	8	100.0
รวม	8	100.0
3.6.7 กิจกรรมด้านสิ่งแวดล้อม		
- ไม่รู้จัก	5	62.5
- รู้จัก	3	37.5
รวม	8	100.0
ความต้องการให้ดำเนินการต่อเนื่อง		
- ไม่ต้องการ	0	0.0
- ต้องการ	8	100.0
รวม	8	100.0
3.6.8 กิจกรรมชุมชนสัมพันธ์		
- ไม่รู้จัก	5	62.5
- รู้จัก	3	37.5
รวม	8	100.0
ความต้องการให้ดำเนินการต่อเนื่อง		
- ไม่ต้องการ	0	0.0
- ต้องการ	8	100.0
รวม	8	100.0
3.6.9 กิจกรรมตรวจสอบสุขภาพ		
- ไม่รู้จัก	6	75.0
- รู้จัก	2	25.0
รวม	8	100.0
ความต้องการให้ดำเนินการต่อเนื่อง		
- ไม่ต้องการ	0	0.0
- ต้องการ	8	100.0
รวม	8	100.0



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รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	8	100.0
<b>3.7 หากโรงไฟฟ้าบ้านโพ จัดกิจกรรมที่เป็นประโยชน์ต่อชุมชนและสิ่งแวดล้อมร่วมกับชุมชน ท่านยินดีเข้าร่วมหรือไม่</b>		
- ยินดีเข้าร่วม	8	100.0
- ไม่ยินดี	0	0.0
รวม	8	100.0
<b>3.8 ท่านต้องการให้ทางโรงไฟฟ้าบ้านโพ ส่งเสริมกิจกรรมด้านใดให้กับชุมชนของท่าน</b>		
- ไม่ต้องการ	0	0.0
- ต้องการ	8	100.0
รวม	8	100.0
<b>ต้องการ ได้แก่ (ตอบได้มากกว่า 1 คำตอบ)</b>		
- สนับสนุนด้านการศึกษา เช่น ทุนการศึกษา พัฒนาโรงเรียน มอบอุปกรณ์	8	17.4
- สนับสนุนด้านสุขภาพอนามัยของชุมชน	8	17.4
- สนับสนุนด้านศาสนา และวัฒนธรรม เช่น ทำนุบำรุงศาสนา ทอดผ้าป่า ร่วมกิจกรรมตามประเพณี	3	6.5
- สนับสนุนด้านคุณภาพชีวิตและระบบสาธารณูปโภคในชุมชน เช่น สนับสนุนอาชีพชุมชน รับแรงงานท้องถิ่น สนับสนุนน้ำดื่ม น้ำใช้ ฯลฯ	7	15.2
- สนับสนุนด้านกีฬา	4	8.7
- สนับสนุนงานด้านสาธารณประโยชน์ เช่น ปลูกต้นไม้ ทำความสะอาด ปล่อยสัตว์น้ำ	8	17.4
- ดูแลและจัดการปัญหามลพิษสิ่งแวดล้อม เช่น จัดการเรื่องกลิ่นเหม็น ฝุ่นละออง ขยะ น้ำเสีย	8	17.4
รวม	46	100.0
<b>ส่วนที่ 4 ผลกระทบและทัศนคติต่อการดำเนินงานของโรงไฟฟ้าบ้านโพ</b>		
<b>4.1 โครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลฟ์ บีพี จำกัด ที่มีอยู่ในพื้นที่ส่งผลดีและผลเสียต่อชุมชนอย่างไร</b>		
<b>ผลดี</b>		
- มีความเจริญด้านเศรษฐกิจและสังคม	1	20.0
- มี CSR กับชุมชน	1	20.0
- การสาธารณูปโภคดีขึ้น	1	20.0
- ประชาชนในพื้นที่มีงานทำ	1	20.0
- มีความเจริญขึ้น	1	20.0
รวม	5	100.0



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รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	8	100.0
<b>ผลเสีย</b>		
- ผลกระทบด้านสิ่งแวดล้อมที่อาจทำให้ชุมชนขาดความมั่นใจ	1	100.0
รวม	1	100.0
<b>4.2 ท่านมีความพึงพอใจต่อการดูแลสังคมของโครงการโรงไฟฟ้าบ้านโพ อยู่ในระดับใด</b>		
<b>4.2.1 ด้านความปลอดภัยในกระบวนการผลิต</b>		
- น้อยที่สุด	0	0.0
- น้อย	1	12.5
- ปานกลาง	4	50.0
- มาก	3	37.5
- มากที่สุด	0	0.0
รวม	8	100.0
ค่าเฉลี่ย	3.25	
<b>4.2.2 ด้านสังคม</b>		
- น้อยที่สุด	0	0.0
- น้อย	1	12.5
- ปานกลาง	4	50.0
- มาก	3	37.5
- มากที่สุด	0	0.0
รวม	8	100.0
ค่าเฉลี่ย	3.25	
<b>4.2.3 ด้านสิ่งแวดล้อม</b>		
- น้อยที่สุด	0	0.0
- น้อย	1	12.5
- ปานกลาง	3	37.5
- มาก	4	50.0
- มากที่สุด	0	0.0
รวม	8	100.0
ค่าเฉลี่ย	3.38	



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รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	8	100.0
4.2.4 ด้านกิจกรรมชุมชนสัมพันธ์/การมีส่วนร่วม		
- น้อยที่สุด	0	0.0
- น้อย	1	12.5
- ปานกลาง	3	37.5
- มาก	4	50.0
- มากที่สุด	0	0.0
รวม	8	100.0
ค่าเฉลี่ย	3.38	
4.2.5 ด้านการดูแลสุขภาพของประชาชน		
- น้อยที่สุด	0	0.0
- น้อย	1	12.5
- ปานกลาง	4	50.0
- มาก	3	37.5
- มากที่สุด	0	0.0
รวม	8	100.0
ค่าเฉลี่ย	3.25	
4.2.6 การเปิดเผยข้อมูล		
- น้อยที่สุด	0	0.0
- น้อย	1	12.5
- ปานกลาง	5	62.5
- มาก	2	25.0
- มากที่สุด	0	0.0
รวม	8	100.0
ค่าเฉลี่ย	3.13	



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รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	8	100.0
<b>4.3 โดยภาพรวมท่านมีความพึงพอใจระดับใด</b>		
- มากที่สุด	0	0.0
- มาก	5	62.5
- ปานกลาง	1	12.5
- น้อย	1	12.5
- น้อยที่สุด	0	0.0
- ไม่มีความคิดเห็น	1	12.5
<b>รวม</b>	<b>8</b>	<b>100.0</b>
<b>ส่วนที่ 5 ความเชื่อมั่น และความคิดเห็นต่อโรงไฟฟ้าบ้านโพ</b>		
<b>5.1 ท่านมีความเชื่อมั่นต่อระบบการจัดการด้านสิ่งแวดล้อมและมาตรการป้องกันผลกระทบด้านต่างๆ</b>		
<b>โครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลฟ์ บีพี จำกัด น้อยเพียงใด</b>		
- เชื่อมั่นสูง	0	0.0
- เชื่อมั่นพอสมควร (หากมีอุบัติเหตุสามารถแก้ไขหรือควบคุมได้ทัน)	7	87.5
- ไม่มีความเชื่อมั่น (เมื่อมีอุบัติเหตุไม่สามารถควบคุมได้)	0	0.0
- ไม่ทราบ/ไม่แน่ใจ	1	12.5
<b>รวม</b>	<b>8</b>	<b>100.0</b>
<b>5.2 ความคิดเห็นในภาพรวมของท่านที่มีต่อการดำเนินงานของโรงไฟฟ้าบ้านโพ ในปี พ.ศ. 2563 ที่มีต่อชุมชน</b>		
- ผลประโยชน์มากกว่าผลเสีย	3	37.5
- ผลเสียมากกว่าผลประโยชน์	1	12.5
- ไม่แสดงความคิดเห็น	4	50.0
<b>รวม</b>	<b>8</b>	<b>100.0</b>
<b>ผลประโยชน์มากกว่าผลเสีย เพราะ</b>		
- สร้างความเจริญให้ชุมชน	1	33.3
- ไม่ระบุ	2	66.7
<b>รวม</b>	<b>3</b>	<b>100.0</b>
<b>ผลเสียมากกว่าผลประโยชน์ เพราะ</b>		
- ไม่ระบุ	1	100.0
<b>รวม</b>	<b>1</b>	<b>100.0</b>
<b>5.3 ข้อเสนอแนะอื่นๆ เกี่ยวกับโรงไฟฟ้าบ้านโพ</b>		
- จัดทำแผ่นพับ ใบปลิว โดยรวบรวมรายละเอียดของโรงไฟฟ้า	1	100.0
<b>รวม</b>	<b>1</b>	<b>100.0</b>



รายละเอียด	เทศบาลตำบลตลาดเกรียบ														เทศบาลตำบลคลองจิก														เทศบาลตำบลปราสาททอง										เทศบาลตำบลบางปะอิน																																																					
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 11		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5																																															
	บ้านตลาดเกรียบใต้				บ้านตลาดเกรียบใต้				บ้านตลาดเกรียบใต้				บ้านตลาดเกรียบใต้				บ้านตลาดเกรียบเหนือ				บ้านตลาดเกรียบเหนือ				บ้านตลาดเกรียบเหนือ				บ้านคลองจิก				บ้านคลองลาว				บ้านคลองทราย				บ้านคลองทราย				บ้านคลองทราย				บ้านคลองหลุม				บ้านคลองหลุม				บ้านเสาวังคา				บ้านเลยเหนือ				บ้านเลยเหนือ				บ้านพราน				บ้านท้องคุ้ง				บ้านเลยเหนือ				บ้านพราน				บ้านบางโหลง				บ้านสะพานหก			
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ																																								
จำนวนผู้ตอบแบบสอบถาม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0																																								
ส่วนที่ 1 ข้อมูลทั่วไปของผู้ตอบแบบสอบถาม																																																																																												
1.1 ข้อมูลทั่วไปของผู้ตอบแบบสอบถาม																																																																																												
1.1.1 เพศ																																																																																												
- ชาย	0	0.0	1	50.0	1	50.0	0	0.0	1	50.0	1	50.0	1	50.0	1	50.0	1	50.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0																																										
- หญิง	2	100.0	1	50.0	1	50.0	2	100.0	1	50.0	1	50.0	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	1	50.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0																																												
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0																																												
1.1.2 อายุ																																																																																												
- 20-30 ปี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0																																												
- 31-40 ปี	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0																																														
- 41-50 ปี	2	100.0	1	50.0	0	0.0	0	0.0	2	100.0	1	50.0	2	100.0	0	0.0	1	50.0	0	0.0	1	50.0	1	50.0	0	0.0	1	50.0	1	50.0	1	50.0	1	50.0	0	0.0	1	50.0	0	0.0	1	50.0	0	0.0	2	100.0	0	0.0																																												
- 51-60 ปี	0	0.0	1	50.0	1	50.0	2	100.0	0	0.0	1	50.0	0	0.0	1	50.0	1	50.0	2	100.0	1	50.0	1	50.0	2	100.0	1	50.0	2	100.0	1	50.0	1	50.0	1	50.0	0	0.0	1	50.0	1	50.0	0	0.0	1	50.0																																														
- มากกว่า 60 ปี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0																																																
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0																																														
1.1.3 ศาสนา																																																																																												
- พุทธ	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0																																												
- อิสลาม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0																																														
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0																																														
1.1.4 ระดับการศึกษาสูงสุด																																																																																												
- ประถมศึกษา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0																																														
- มัธยมศึกษาตอนต้น (ม.3)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	2	100.0	1	50.0	0	0.0	1	50.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0																																														
- มัธยมศึกษาตอนปลาย (ม.6)/ปวช. หรือเทียบเท่า	0	0.0	2	100.0	1	50.0	2	100.0	1	50.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0																																														
- อนุปริญญา/ปวส.หรือเทียบเท่า	1	50.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	1	50.0																																																
- ปริญญาตรี	1	50.0	0	0.0	1	50.0	0	0.0	0	0.0	1	50.0	0	0.0	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	1	50.0																																																														



รายละเอียด	เทศบาลตำบลบางปะอิน												เทศบาลตำบลบ้านกรด								รวมเขตเทศบาล		องค์การบริหารส่วนตำบลบ้านโพ																องค์การบริหารส่วนตำบลวัดยม											
	หมู่ที่ 6 บ้านตลาดล่าง		หมู่ที่ 7 บ้านคลองกลางบ้าน		หมู่ที่ 8 บ้านปากคลองจัด		หมู่ที่ 9 บ้านหัวสะพาน		หมู่ที่ 10 บ้านท้ายเกาะ		หมู่ที่ 12 บ้านเกาะลอย		หมู่ที่ 8 บ้านกรด		หมู่ที่ 9 บ้านกรด		หมู่ที่ 10 บ้านคลองควาย		หมู่ที่ 11 บ้านโคกวัด				หมู่ที่ 1 บ้านพาสน์	หมู่ที่ 2 บ้านพาสน์		หมู่ที่ 3 บ้านโพ		หมู่ที่ 4 บ้านโพ		หมู่ที่ 5 บ้านเกาะพระ		หมู่ที่ 6 บ้านท่าแร่		หมู่ที่ 7 บ้านเกาะพระ		หมู่ที่ 8 บ้านสระกระจับ		หมู่ที่ 9 บ้านสระกระจับ									หมู่ที่ 1 บ้านวัดยม	หมู่ที่ 2 บ้านวัดยม		หมู่ที่ 3 บ้านวัดยม
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ						
จำนวนผู้ตอบแบบสอบถาม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	66	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0
ส่วนที่ 1 ข้อมูลทั่วไปของผู้ตอบแบบสอบถาม																																																		
1.1 ข้อมูลทั่วไปของผู้ตอบแบบสอบถาม																																																		
1.1.1 เพศ																																																		
- ชาย	2	100.0	2	100.0	1	50.0	0	0.0	1	50.0	0	0.0	2	100.0	1	50.0	1	50.0	1	50.0	32	48.5	2	100.0	1	50.0	1	50.0	2	100.0	1	50.0	0	0.0	1	50.0	1	50.0	2	100.0	1	50.0	1	50.0	0	0.0	1	50.0		
- หญิง	0	0.0	0	0.0	1	50.0	2	100.0	1	50.0	2	100.0	0	0.0	1	50.0	1	50.0	1	50.0	34	51.5	0	0.0	1	50.0	1	50.0	0	0.0	1	50.0	2	100.0	1	50.0	1	50.0	0	0.0	1	50.0	1	50.0	2	100.0	1	50.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	66	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
1.1.2 อายุ																																																		
- 20-30 ปี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	3.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- 31-40 ปี	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	1	50.0	1	50.0	0	0.0	0	0.0	7	10.6	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- 41-50 ปี	0	0.0	0	0.0	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	1	50.0	1	50.0	2	100.0	24	36.4	1	50.0	2	100.0	0	0.0	0	0.0	1	50.0	1	50.0	0	0.0	1	50.0	1											



รายละเอียด	องค์การบริหารส่วนตำบลวัดคม						องค์การบริหารส่วนตำบลบ้านแปง						องค์การบริหารส่วนตำบลบ้านหว้า										องค์การบริหารส่วนตำบลชนหลง						องค์การบริหารส่วนตำบลคิ่งลาน																					
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5							
	บ้านบางผี	บ้านบางผี	บ้านบางผี	บ้านบางผี	บ้านบางผี	บ้านบางผี	บ้านแปง	บ้านแปง	บ้านแปง	บ้านแปง	บ้านแปง	บ้านแปง	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก	บ้านโคกจิก							
จำนวนผู้ตอบแบบสอบถาม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0
ส่วนที่ 1 ข้อมูลทั่วไปของผู้ตอบแบบสอบถาม																																																		
1.1 ข้อมูลทั่วไปของผู้ตอบแบบสอบถาม																																																		
1.1.1 เพศ																																																		
- ชาย	0	0.0	0	0.0	1	50.0	2	100.0	1	50.0	0	0.0	1	50.0	1	50.0	2	100.0	1	50.0	1	50.0	2	100.0	2	100.0	1	50.0	1	50.0	1	50.0	0	0.0	2	100.0	1	50.0	1	50.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0
- หญิง	2	100.0	2	100.0	1	50.0	0	0.0	1	50.0	2	100.0	1	50.0	1	50.0	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	1	50.0	1	50.0	1	50.0	2	100.0	0	0.0	1	50.0	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
1.1.2 อายุ																																																		
- 20-30 ปี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- 31-40 ปี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- 41-50 ปี	2	100.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	1	50.0	1	50.0																										



รายละเอียด	องค์การบริหารส่วนตำบลตลิ่งชัน												องค์การบริหารส่วนตำบลบ้านพลับ										องค์การบริหารส่วนตำบลสามเรือน								องค์การบริหารส่วนตำบลบ้านบ่อตาโล่				รวมเขต อบต.		รวมทั้งหมด	
	หมู่ที่ 1 บ้านสามง่าม		หมู่ที่ 2 บ้านในคลอง		หมู่ที่ 3 บ้านตลิ่งชัน		หมู่ที่ 4 บ้านตลิ่งชัน		หมู่ที่ 5 บ้านศาลเจ้า		หมู่ที่ 6 บ้านคลองขวาง		หมู่ที่ 1 บ้านหัวบ้าน		หมู่ที่ 2 บ้านขายน้ำ		หมู่ที่ 3 บ้านหลังน้ำ		หมู่ที่ 4 บ้านกลาง		หมู่ที่ 5 บ้านพลับ		หมู่ที่ 1 บ้านหลวง		หมู่ที่ 2 บ้านสามเรือน		หมู่ที่ 4 บ้านหอม		หมู่ที่ 8 บ้านเสาวังคา		หมู่ที่ 6 บ้านงามผักตบ		หมู่ที่ 7 บ้านเสาวังคา					
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ		
จำนวนผู้ตอบแบบสอบถาม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0
ส่วนที่ 1 ข้อมูลทั่วไปของผู้ตอบแบบสอบถาม																																						
1.1 ข้อมูลทั่วไปของผู้ตอบแบบสอบถาม																																						
1.1.1 เพศ																																						
- ชาย	0	0.0	1	50.0	1	50.0	2	100.0	1	50.0	1	50.0	1	50.0	1	100.0	1	50.0	1	50.0	1	50.0	2	100.0	1	50.0	1	50.0	2	100.0	2	100.0	1	50.0	59	56.7	91	53.5
- หญิง	2	100.0	1	50.0	1	50.0	0	0.0	1	50.0	1	50.0	1	50.0	1	100.0	1	50.0	1	50.0	1	50.0	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	1	50.0	45	43.3	79	46.5
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	1	200.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
1.1.2 อายุ																																						
- 20-30 ปี	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.0	3	1.8		
- 31-40 ปี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8	7.7	15	8.8		
- 41-50 ปี	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	1	50.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0	1	50.0	35	33.7	59	34.7
- 51-60 ปี	2	100.0	0	0.0	1	50.0	1	50.0	2	100.0	0	0.0	1	50.0	0	0.0	0	0.0	1	50.0	2	100.0	1	50.0	2	100.0	2	100.0	2	100.0	0	0.0	1	50.0	53	51.0	84	49.4
- มากกว่า 60 ปี	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	6.7	9	5.3
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
1.1.3 ศาสนา																																						
- พุทธ	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	94	90.4	160	94.1
- อิสลาม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10	9.6	10	5.9		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
1.1.4 ระดับการศึกษาสูงสุด																																						
- ประถมศึกษา	1	50.0	2	100.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	1	50.0	2	100.0	0	0.0	1	50.0	27	26.0	36	21.2
- มัธยมศึกษาตอนต้น (ม.3)	0	0.0	0	0.0	2	100.0	1	50.0	2	100.0	1	50.0	0	0.0	0	0.0	1	50.0	1	50.0	0	0.0	1	50.0	0	0.0	0	0.0	1	50.0	0	0.0	27	26.0	39	22.9		
- มัธยมศึกษาตอนปลาย (ม.6)/ปวช. หรือเทียบเท่า	1	50.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	2	100.0	1	50.0	1	50.0	1	50.0	0	0.0	0	0.0	1	50.0	31	29.8	49	28.8
- อนุปริญญา/ปวส.หรือเทียบเท่า	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	9	8.7	18	10.6		
- ปริญญาตรี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9	8.7	25	14.7		
- สูงกว่าปริญญาตรี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.0	3	1.8		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
1.5 ตำแหน่งของท่านในชุมชน																																						
- กำนัน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	6	5.8	9	5.3
- ผู้ใหญ่บ้าน	1	50.0	0	0.0	1	50.0	0	0.0	1	50.0	1	50.0	1	50.0	1	50.0	1	50.0	1	50.0	0	0.0	1	50.0	0	0.0	1	50.0	1	50.0	1	50.0	0	0.0	44	42.3	73	42.9
- ผู้ช่วยผู้ใหญ่บ้าน	1	50.0	0	0.0	1	50.0	1	50.0	1	50.0	0	0.0	1	50.0	1	50.0	1	50.0	1	50.0	1	50.0	1	50.0	2	100.0												



รายละเอียด	เทศบาลตำบลตลาดเกรียบ														เทศบาลตำบลคลองจิก														เทศบาลตำบลปราสาททอง								เทศบาลตำบลบางปะอิน											
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 11		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5			
	บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบเหนือ		บ้านตลาดเกรียบเหนือ		บ้านตลาดเกรียบเหนือ		บ้านคลองจิก		บ้านคลองลาว		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองหลุม		บ้านคลองหลุม		บ้านเสาวังคา		บ้านเลยเหนือ		บ้านเลยเหนือ		บ้านพราน		บ้านท้องคุ้ง		บ้านเลยเหนือ		บ้านพราน		บ้านบางโหลง		บ้านสะพานหก			
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ		
1.2.3 ระยะเวลาที่ย้ายมา																																																
- ระหว่าง 11 - 15 ปี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
- ระหว่าง 16 -20 ปี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- มากกว่า 20 ปีขึ้นไป	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	1	100.0	1	100.0	0	0.0	0	0.0
รวม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	1	100.0	1	100.0	1	100.0	1	100.0
ส่วนที่ 2 สภาพเศรษฐกิจ สังคมของชุมชน																																																
2.1 ข้อมูลทั่วไปของชุมชน/หมู่บ้าน																																																
2.1.1 จำนวนครัวเรือน																																																
- ต่ำกว่า 100 หลังคาเรือน	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- 100-200 หลังคาเรือน	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0		
- 201-300 หลังคาเรือน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0				
- 301-400 หลังคาเรือน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- 401-500 หลังคาเรือน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- 501-600 หลังคาเรือน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- มากกว่า 600 หลังคาเรือน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ไม่ระบุ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
2.1.2 จำนวนประชากร																																																
- ต่ำกว่า 500 คน	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0		
- 500-1,000 คน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0				
- 1,001-1,500 คน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- 1,5001-2,000 คน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- มากกว่า 2,000 คน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0																							



[illegible]



[illegible]



[illegible]



รายละเอียด	เทศบาลตำบลตลาดเกรียบ														เทศบาลตำบลคลองจิก												เทศบาลตำบลปราสาททอง								เทศบาลตำบลบางปะอิน													
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 11		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5			
	บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบเหนือ		บ้านตลาดเกรียบเหนือ		บ้านตลาดเกรียบเหนือ		บ้านคลองจิก		บ้านคลองลาว		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองหลุม		บ้านคลองหลุม		บ้านเสาวังคา		บ้านเลยเหนือ		บ้านเลยเหนือ		บ้านพราน		บ้านท้องคุ้ง		บ้านเลยเหนือ		บ้านพราน		บ้านบางโหลง		บ้านสะพานหก			
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ		
2.2.3 ฐานะทางเศรษฐกิจของคนในชุมชน																																																
- ฐานะไม่ดี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ฐานะปานกลาง	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
2.3 การจ้างแรงงานในพื้นที่																																																
2.3.1 แร่งงานภาคเกษตรกรรม																																																
- ไม่มีการจ้าง	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0
- มีการจ้างแรงงาน	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
แรงงานส่วนใหญ่																																																
- เป็นคนในพื้นที่	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	1	50.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- เป็นคนนอกพื้นที่	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
2.3.2 แร่งงานภาคอุตสาหกรรม																																																
- ไม่มีการจ้าง	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	1	50.0	0	0.0	1	50.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0		
- มีการจ้างแรงงาน	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	1	50.0	2	100.0	1	50.0	2	100.0	2	100.0	1	50.0	2	100.0	2	100.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
แรงงานส่วนใหญ่																																																
- เป็นคนในพื้นที่	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	1	100.0	0	0.0	2	100.0	1	100.0	2	100.0	0	0.0				
- เป็นคนนอกพื้นที่	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	1	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	1	100.0	2	100.0	1	100.0	2	100.0	2	100.0	2	100.0	2	100.0				
2.4 การศึกษาและศาสนา																																																
2.4.1 ในชุมชนของท่านมีสถานศึกษา หรือไม่																																																
- ไม่มี	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0								



รายละเอียด	เทศบาลตำบลบางปะอิน												เทศบาลตำบลบ้านกรด								รวมเขตเทศบาล		องค์การบริหารส่วนตำบลบ้านโพ																องค์การบริหารส่วนตำบลวัดยม																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 12		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 11				หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 5	หมู่ที่ 6	หมู่ที่ 7	หมู่ที่ 8	หมู่ที่ 9	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	บ้านตลาดล่าง	บ้านคลองกลางบ้าน	บ้านปากคลองลัด	บ้านหัวสะพาน	บ้านท้ายเกาะ	บ้านเกาะลอย	บ้านกรด	บ้านกรด	บ้านคลองควาย	บ้านโคกวัด	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
2.2.3 ฐานทางเศรษฐกิจของคนในชุมชน																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	



รายละเอียด	องค์การบริหารส่วนตำบลวัดยม						องค์การบริหารส่วนตำบลบ้านแป้ง								องค์การบริหารส่วนตำบลบ้านหว้า														องค์การบริหารส่วนตำบลหนองหวาง						องค์การบริหารส่วนตำบลคู้งลาน													
	หมู่ที่ 6 บ้านบางผี		หมู่ที่ 7 บ้านบางผี		หมู่ที่ 8 บ้านบางผี		หมู่ที่ 1 บ้านแป้ง		หมู่ที่ 2 บ้านแป้ง		หมู่ที่ 3 บ้านปูน		หมู่ที่ 4 บ้านโคกเจ็ก		หมู่ที่ 1 บ้านไผ่		หมู่ที่ 2 บ้านหว้า		หมู่ที่ 3 บ้านปากคลอง		หมู่ที่ 4 บ้านโรง		หมู่ที่ 5 บ้านหัวจระเข้		หมู่ที่ 6 บ้านนัยนาท		หมู่ที่ 7 บ้านเสาวังคา		หมู่ที่ 3 บ้านหนองหวาง		หมู่ที่ 4 บ้านเสากระโดง		หมู่ที่ 5 บ้านเสากระโดง		หมู่ที่ 1 บ้านทับแดง		หมู่ที่ 2 บ้านทับแดง		หมู่ที่ 3 บ้านคู้งลาน		หมู่ที่ 4 บ้านคู้งลาน		หมู่ที่ 5 บ้านคู้งลาน					
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ				
2.2.3 ฐานะทางเศรษฐกิจของคนในชุมชน																																																
- ฐานะไม่ดี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ฐานะปานกลาง	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
2.3 การจ้างแรงงานในพื้นที่																																																
2.3.1 แรงงานภาคเกษตรกรรม																																																
- ไม่มีการจ้าง	2	100.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	1	50.0	0	0.0	2	100.0	2	100.0	2	100.0		
- มีการจ้างแรงงาน	0	0.0	2	100.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	1	50.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
แรงงานส่วนใหญ่																																																
- เป็นคนในพื้นที่	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- เป็นคนนอกพื้นที่	0	0.0	2	100.0	1	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0				
รวม	0	0.0	2	100.0	1	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	1	100.0	2	100.0	0	0.0	0	0.0	0	0.0				
2.3.2 แรงงานภาคอุตสาหกรรม																																																
- ไม่มีการจ้าง	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	2	100.0	2	100.0	2	100.0		
- มีการจ้างแรงงาน	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	1	50.0	2	100.0	0	0.0	0	0.0	0	0.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
แรงงานส่วนใหญ่																																																
- เป็นคนในพื้นที่	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	1	100.0	1	50.0	0	0.0	0	0.0				
- เป็นคนนอกพื้นที่	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0				
รวม	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	1	100.0	2	100.0	0	0.0	0	0.0						
2.4 การศึกษาและศาสนา																																																
2.4.1 ในชุมชนของท่านมีสถานศึกษา หรือไม่																																																
- ไม่มี	2	100.0	2	100.0	1	50.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2											



รายละเอียด	องค์การบริหารส่วนตำบลตลิ่งชัน												องค์การบริหารส่วนตำบลบ้านพลับ										องค์การบริหารส่วนตำบลสามเรือน								องค์การบริหารส่วนตำบลบ้านบ่อตาโล่				รวมเขต อบต.		รวมทั้งหมด	
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 4		หมู่ที่ 8		หมู่ที่ 6		หมู่ที่ 7					
	บ้านสามง่าม	บ้านในคลอง	บ้านตลิ่งชัน	บ้านตลิ่งชัน	บ้านศาลเจ้า	บ้านคลองขวาง	บ้านหัวบ้าน	บ้านขายน้ำ	บ้านหลังน้ำ	บ้านกลาง	บ้านพลับ	บ้านหลวง	บ้านสามเรือน	บ้านขอม	บ้านเสาวังคา	บ้านงามผักตบ	บ้านเสาวังคา	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ			
2.2.3 ฐานะทางเศรษฐกิจของคนในชุมชน																																						
- ฐานะไม่ดี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	4	3.8	4	2.4
- ฐานะปานกลาง	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	100	96.2	166	97.6
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
2.3 การจ้างแรงงานในพื้นที่																																						
2.3.1 แร่งงานภาคเกษตรกรรม																																						
- ไม่มีการจ้าง	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	51	49.0	93	54.7
- มีการจ้างแรงงาน	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	53	51.0	77	45.3
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
แรงงานส่วนใหญ่																																						
- เป็นคนในพื้นที่	0	0.0	1	50.0	0	0.0	0	0.0	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	39	73.6	58	75.3
- เป็นคนนอกพื้นที่	0	0.0	1	50.0	0	#DIV/0!	2	100.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	14	26.4	19	24.7
รวม	0	0.0	2	100.0	0	#DIV/0!	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	53	100.0	77	100.0		
2.3.2 แร่งงานภาคอุตสาหกรรม																																						
- ไม่มีการจ้าง	2	100.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	18	17.3	25	14.7		
- มีการจ้างแรงงาน	0	0.0	2	100.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	86	82.7	145	85.3		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
แรงงานส่วนใหญ่																																						
- เป็นคนในพื้นที่	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	57	66.3	101	69.7
- เป็นคนนอกพื้นที่	0	0.0	2	100.0	1	100.0	2	100.0	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	29	33.7	44	30.3
รวม	0	0.0	2	100.0	1	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	86	100.0	145	100.0		
2.4 การศึกษาและศาสนา																																						
2.4.1 ในชุมชนของท่านมีสถานศึกษา หรือไม่																																						
- ไม่มี	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	66	63.5	105	61.8
- มี	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	38	36.5	65	38.2
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
มี จำนวน																																						
- 1 แห่ง	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	33	86.8	48	73.8
- 2 แห่ง	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	5	13.2	13	20.0		
- 3 แห่ง	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0																			



รายละเอียด	เทศบาลตำบลลาดกระบัง														เทศบาลตำบลคลองจิก														เทศบาลตำบลปราสาททอง								เทศบาลตำบลบางปะอิน											
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 11		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5			
	บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบเหนือ		บ้านตลาดเกรียบเหนือ		บ้านตลาดเกรียบเหนือ		บ้านคลองจิก		บ้านคลองลาว		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองหลุม		บ้านคลองหลุม		บ้านเล่างวด		บ้านเลยเหนือ		บ้านเลยเหนือ		บ้านพราน		บ้านท้องคุ้ง		บ้านเลยเหนือ		บ้านพราน		บ้านบางโหลง		บ้านสะพานหก			
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ		
มี คือ โรค																																																
- Covid-19	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	1	100.0		
- ใช้เลือดออก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ใช้เลือดออก,Covid-19	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
รวม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	1	100.0
3.1.2 ในชุมชนของท่านมีโรงพยาบาลส่งเสริมสุขภาพ/ศูนย์บริการสาธารณสุขในชุมชน																																																
- ไม่มี	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
- มี	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
มี ได้แก่																																																
- รพสต.	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0																																



รายละเอียด	เทศบาลตำบลบางปะอิน												เทศบาลตำบลบ้านกรุด						รวมเขตเทศบาล		องค์การบริหารส่วนตำบลบ้านโพ																		องค์การบริหารส่วนตำบลสวัญ											
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 12		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10				หมู่ที่ 11		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4			
	บ้านตลาดล่าง	บ้านคลองกลางบ้าน	บ้านปากคลองลัด	บ้านหัวสนแก	บ้านท้ายเกาะ	บ้านเกาะลอย	บ้านกรุด	บ้านกรุด	บ้านคลองควาย	บ้านโคกวัด	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ						
มี คือ โรค																																																		
- Covid-19	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	1	100.0	0	0.0	0	0.0	2	100.0	0	0.0	21	91.3	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0
- ใช้เลือดออก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	8.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ใช้เลือดออก,Covid-19	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
รวม	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	1	100.0	0	0.0	0	0.0	2	100.0	0	0.0	23	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0		
3.1.2 ในชุมชนของท่านมีโรงพยาบาลส่งเสริมสุขภาพ																																																		
- ไม่มี	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	52	78.8	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0		
- มี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	14	21.2	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	66	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
มี ได้แก่																																																		
- รพสต.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	14	100.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0				
รวม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	14	100.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0				
3.1.3 ประชาชนในชุมชนส่วนใหญ่เวลาเจ็บป่วยใช้ใ้																																																		
- ซื้อยาจากร้านขายยา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- โรงพยาบาลส่งเสริมสุขภาพตำบล	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	26	39.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0				
- โรงพยาบาลประจำอำเภอ	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	34	51.5	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0				
- คลินิก/โรงพยาบาลเอกชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	6.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- โรงพยาบาลประจำจังหวัด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	3.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	66	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
3.1.4 ท่านคิดว่ากรมให้บริการทางสาธารณสุขจากส																																																		
- เพียงพอ	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	1	50.0	2	100.0	2	100.0	2	100.0	0	0.0	52	78.8	2	100.0	1	50.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
- ไม่เพียงพอ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0	14	21.2	0	0.0	1	50.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	66	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
ไม่เพียงพอ เนื่องจาก																																																		
- Covid-19	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	7.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- บุคลากรไม่เพียงพอ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	5	35.7	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ขาดอุปกรณ์ทางการแพทย์	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	14.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- บริการช้า	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	14.3	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ผู้มาใช้บริการจำนวนมาก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	14.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- มีโรงพยาบาลในตำบลแห่งเดียว	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ไม่ครอบคลุม บริการไม่ดี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- โรงพยาบาลไม่มีการเปลี่ยนแปลง	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	7.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ไม่ระบุ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	7.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
รวม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	2	100.0	14	100.0	0	0.0	1	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
3.2 แหล่งน้ำในชุมชน (ตอบได้มากกว่า 1 ข้อ)																																																		
3.2.1 แหล่งน้ำบริโภค (น้ำดื่ม) ในชุมชนใช้น้ำจาก																																																		
- น้ำประปา	0	0.0	0	0.0	2	100.0	1	33.3	0	0.0	2	50.0	0	0.0	1	25.0	0	0.0	2	33.3	14	16.9	0	0.0	1	33.3																								



[illegible]



รายละเอียด	องค์การบริหารส่วนตำบลดงลิ้น												องค์การบริหารส่วนตำบลบ้านพลับ										องค์การบริหารส่วนตำบลสามเรือน								องค์การบริหารส่วนตำบลบ้านบ่อตาโล่						รวมขอ บต.		รวมทั้งหมด	
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 4		หมู่ที่ 8		หมู่ที่ 6		หมู่ที่ 7							
	บ้านสามง่าม	บ้านโนนคลอง	บ้านดงลิ้น	บ้านดงลิ้น	บ้านศาลเจ้า	บ้านคลองขวาง	บ้านหัวบ้าน	บ้านขายน้ำ	บ้านหลังน้ำ	บ้านกลาง	บ้านพลับ	บ้านหลวง	บ้านสามเรือน	บ้านขอม	บ้านเสาวังคา	บ้านงามผักคบ	บ้านเสาวังคา	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ					
มี คือ โรค																																								
- Covid-19	2	100.0	1	100.0	1	100.0	1	100.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	1	100.0	2	100.0	0	0.0	0	0.0	0	0.0	39	90.7	60	90.9		
- ใช้เลือดออก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	3.0				
- ใช้เลือดออก,Covid-19	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	9.3	4	6.1				
รวม	2	100.0	1	100.0	1	100.0	1	100.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	1	100.0	2	100.0	0	0.0	0	0.0	43	100.0	66	100.0				
3.1.2 ในชุมชนของท่านมีโรงพยาบาลส่งเสริมสุขภาพ																																								
- ไม่มี	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	70	67.3	122	71.8		
- มี	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	34	32.7	48	28.2				
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0				
มี ได้แก่																																								
- รพสต.	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	34	100.0	48	100.0		
รวม	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	34	100.0	48	100.0		
3.1.3 ประชาชนในชุมชนส่วนใหญ่เวลาเจ็บป่วยใช้																																								
- ซื้อยาจากร้านขายยา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.0	1	0.6				
- โรงพยาบาลส่งเสริมสุขภาพตำบล	0	0.0	1	50.0	2	100.0	1	50.0	0	0.0	1	50.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	1	50.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	49	47.1	75	44.1		
- โรงพยาบาลประจำอำเภอ	2	100.0	1	50.0	0	0.0	1	50.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	49	47.1	83	48.8				
- คลินิก/โรงพยาบาลเอกชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	1.9	6	3.5				
- โรงพยาบาลประจำจังหวัด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	3	2.9	5	2.9				
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0				
3.1.4 ท่านคิดว่าการให้บริการทางสาธารณสุขจากส																																								
- เพียงพอ	2	100.0	0	0.0	1	50.0	2	100.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	1	50.0	2	100.0	88	84.6	140	82.4				
- ไม่เพียงพอ	0	0.0	2	100.0	1	50.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	16	15.4	30	17.6				
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0				
ไม่เพียงพอ เนื่องจาก																																								
- Covid-19	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	3.3				
- บุคลากรไม่เพียงพอ	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	31.3	10	33.3				
- ขาดอุปกรณ์ทางการแพทย์	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	6.7				
- บริการช้า	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	18.8	5	16.7				
- ผู้มาใช้บริการจำนวนมาก	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	18.8	5	16.7				
- มีโรงพยาบาลในตำบลแห่งเดียว	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	12.5	2	6.7				
- ไม่ครอบคลุม บริการไม่ดี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	3	18.8	3	10.0				
- โรงพยาบาลไม่มีการเปลี่ยนแปลง	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	3.3				
- ไม่ระบุ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	3.3				
รวม	0	0.0	2	100.0	1	100.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	16	100.0	30	100.0				
3.2 แหล่งน้ำในชุมชน (ตอบได้มากกว่า 1 ข้อ)																																								
3.2.1 แหล่งน้ำบริโภค (น้ำดื่ม) ในชุมชนใช้น้ำจาก																																								
- น้ำประปา	0	0.0	1	33.3	1	50.0	0	0.0	1	20.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	33.3	2	50.0	0	0.0	0	0.0	0	0.0	9	7.4	23	11.2				
- น้ำบ่อต้น	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	1.5				
- น้ำฝน	0	0.0	0	0.0	0	0.0	0	0.0	1	20.0	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	2	33.3	0	0.0	0	0.0	0	0.0	0	0.0	14	11.5	19	9.3				
- น้ำบ่อศาล	0	0.0	1	33.3	0	0.0	0	0.0	1	20.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	2.5	3	1.5				
- ชื่อน้ำดื่มบรรจุถัง/ขวด/ถังก	2	100.0	1	33.3	1	50.0	2	100.0	2	40.0	1	25.0	2	100.0	2	100.0	2	100.0	2	100.0	2	66.7	2	33.3	2	50.0	2	100.0	2	100.0	2	100.0	96	78.7	157	76.6				
รวม	2	100.0	3	100.0	2	100.0	5	100.0	4	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	3	100.0	6	100.0	4	100.0	2	100.0	2	100.0	2	100.0	122	100.0	205	100.0				
3.2.2 แหล่งน้ำอุปโภค (น้ำสำหรับซัก ล้าง น้ำใช้) ใน																																								
- น้ำประปา	0	0.0	1	50.0	0	0.0	0	0.0	2	66.7	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	50.0	2	100.0	2	100.0	0	0.0	0	0.0	41	35.0	91	44.6				
- น้ำบ่อต้น	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	1.0				
- น้ำฝน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.9	3	1.5				
- น้ำในแม่น้ำ/ลำคลอง	1	50.0	1	50.0	1	5																																		



รายละเอียด	เทศบาลตำบลตลาดเกรียบ														เทศบาลตำบลคลองจิก												เทศบาลตำบลปราสาททอง								เทศบาลตำบลบางปะอิน													
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 11		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5			
	บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบเหนือ		บ้านตลาดเกรียบเหนือ		บ้านตลาดเกรียบเหนือ		บ้านคลองจิก		บ้านคลองลาว		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองหลุม		บ้านคลองหลุม		บ้านเสาวังคา		บ้านเลยเหนือ		บ้านเลยเหนือ		บ้านพราน		บ้านพ้องคุ้ง		บ้านเลยเหนือ		บ้านพราน		บ้านบางโหลง		บ้านสะพานหก			
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ		
3.3 การกักน้ำเสีย/น้ำทิ้งจากกิจกรรมต่างๆ ในชุมชน (ตอบได้มากกว่า 1 ข้อ)																																																
- ทิ้งลงคลอง / แหล่งน้ำตามธรรมชาติ	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	50.0	0	0.0	2	33.3	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	50.0
- ระบายลงดิน / ที่โล่งข้างบ้าน	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	66.7	0	0.0	0	0.0	2	50.0	2	50.0	2	100.0	2	33.3	0	0.0	1	33.3	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	1	25.0
- ระบายลงท่อระบายน้ำเทศบาล/อบต.	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	66.7	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	1	25.0		
- ระบายลงบ่อบำบัดน้ำเสียเบื้องต้นภายในบ้าน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0	0	0.0	2	50.0	0	0.0	0	0.0	2	33.3	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	3	100.0	2	100.0	2	100.0	4	100.0	4	100.0	2	100.0	6	100.0	4	100.0	3	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	4	100.0		
3.4 การกำจัดขยะในชุมชน (ตอบได้มากกว่า 1 ข้อ)																																																
- กองแล้วเผา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ขุดหลุมฝังในบริเวณบ้าน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ทิ้งไว้ข้างบ้าน/ที่โล่ง/ที่สาธารณะ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- รวบรวมแล้วนำไปทิ้งถังขยะของเทศบาล/อบต.	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	66.7	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	3	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
ส่วนที่ 4 ข้อมูลด้านสภาพแวดล้อมในปัจจุบันของชุมชน																																																
4.1 ในระยะเวลา 1 ปีที่ผ่านมา สภาพสิ่งแวดล้อมปัจจุบันของชุมชนมีการเปลี่ยนแปลงไปจากเดิมหรือไม่																																																
- ไม่เปลี่ยนแปลง	1	50.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	1	50.0	0	0.0	0	0.0	2	100.0	2	100.0	1	50.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	1	50.0		
- เปลี่ยนแปลงเล็กน้อย	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0		
- เปลี่ยนแปลงปานกลาง	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- เปลี่ยนแปลงมาก	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
สภาพแวดล้อมในชุมชนที่ท่านคิดว่ามีารเปลี่ยนแปลง เพราะ																																																
- Covid-19	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- การก่อสร้างทางด่วน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0</																							



รายละเอียด	เทศบาลตำบลบางปะอิน												เทศบาลตำบลบ้านกรด								รวมเขตเทศบาล		องค์การบริหารส่วนตำบลบ้านโพ																องค์การบริหารส่วนตำบลวัดยม											
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 12		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 11				หมู่ที่ 1	หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4				
	บ้านตลาดล่าง	ร้อยละ	บ้านคลองกลางบ้าน	ร้อยละ	บ้านปากคลองคัต	ร้อยละ	บ้านหัวสะพาน	ร้อยละ	บ้านท้ายเกาะ	ร้อยละ	บ้านเกาะลอย	ร้อยละ	บ้านกรด	ร้อยละ	บ้านกรด	ร้อยละ	บ้านคลองควาย	ร้อยละ	บ้านโคกวัด	ร้อยละ	บ้านพาสน์	ร้อยละ	บ้านพาสน์	ร้อยละ	บ้านโพ	ร้อยละ	บ้านโพ	ร้อยละ	บ้านเกาะพระ	ร้อยละ	บ้านท่าแร่	ร้อยละ	บ้านเกาะพระ	ร้อยละ	บ้านสระกระจับ	ร้อยละ	บ้านสระกระจับ	ร้อยละ	บ้านวัดยม	ร้อยละ	บ้านวัดยม	ร้อยละ	บ้านวัดยม	ร้อยละ	บ้านกลางขุนแผน	ร้อยละ				
3.3 การกำจัดน้ำเสีย/น้ำทิ้งจากกิจกรรมต่างๆ ในพื้นที่																																																		
- ทิ้งลงคลอง / แหล่งน้ำตามธรรมชาติ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	2	100.0	2	50.0	0	0.0	2	33.3	17	19.3	2	100.0	1	20.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- ระบายลงดิน / ที่โล่งข้างบ้าน	0	0.0	0	0.0	2	50.0	0	0.0	0	0.0	1	50.0	0	0.0	2	50.0	2	100.0	2	33.3	27	30.7	0	0.0	0	0.0	0	0.0	2	50.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0		
- ระบายลงท่อระบายน้ำเทศบาล/อบต.	2	100.0	2	100.0	2	50.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	33.3	37	42.0	0	0.0	2	40.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	50.0	2	100.0	0	0.0	2	100.0		
- ระบายลงบ่อบำบัดน้ำเสียเบื้องต้นภายในบ้าน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	8.0	0	0.0	2	40.0	0	0.0	2	50.0	0	0.0	0	0.0	0	0.0	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0				
รวม	2	100.0	2	100.0	4	100.0	2	100.0	2	100.0	2	100.0	2	100.0	4	100.0	2	100.0	6	100.0	88	100.0	2	100.0	5	100.0	2	100.0	4	100.0	2	100.0	2	100.0	2	100.0	2	100.0	4	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
3.4 การกำจัดขยะในชุมชน (ตอบได้มากกว่า 1 ข้อ)																																																		
- กองแล้วเผา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ขุดหลุมฝังในบริเวณบ้าน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ทิ้งไว้ข้างบ้าน/ที่โล่งที่สาธารณะ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- รวบรวมแล้วนำไปทิ้งถังขยะของเทศบาล/อบต.	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	65	97.0	2	100.0	2	66.7	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	67	100.0	2	100.0	3	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
ส่วนที่ 4 ข้อมูลด้านสภาพแวดล้อมในปัจจุบันของชุมชน																																																		
4.1 ในระยะเวลา 1 ปีที่ผ่านมา สภาพสิ่งแวดล้อม																																																		
- ไม่เปลี่ยนแปลง	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	1	50.0	2	100.0	2	100.0	2	100.0	0	0.0	49	74.2	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0		
- เปลี่ยนแปลงเล็กน้อย	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0	7	10.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0				
- เปลี่ยนแปลงปานกลาง	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6	9.1	0	0.0	1	50.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- เปลี่ยนแปลงมาก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	6.1	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	66	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0				
สภาพแวดล้อมในชุมชนที่ท่านคิดว่ามีการเปลี่ยนแปลง																																																		
- Covid-19	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	11.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- การก่อสร้างทางด่วน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	11.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- เกิดปัญหาฝุ่นละออง	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ชุมชนที่อยู่อาศัยมีการขยายตัวมากขึ้น	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	5.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ใช้สารเคมีมากเกินไป	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- นายทุนมุ่งหาแต่ผลประโยชน์	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	5.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- น้ำเสีย	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ประชากรเพิ่มขึ้น รถยนต์เยอะขึ้น	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ฝุ่น PM 2.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- มีความเจริญมากขึ้น	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- มีความสะดวกขึ้น เช่น ไฟฟ้า ถนนมีการเข้า	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	5.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- มีโครงการบ้านจัดสรรเพิ่มมากขึ้น	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	11.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- แม่น้ำลำคลองลดน้อยลง	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- อากาศร้อนขึ้น	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	11.8	0	0.0	1	50.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0				
- ไม่ระบุ	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	6	35.3	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
รวม	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.																																		



รายละเอียด	องค์การบริหารส่วนตำบลวัดยม						องค์การบริหารส่วนตำบลบ้านเป้ง						องค์การบริหารส่วนตำบลบ้านหว้า										องค์การบริหารส่วนตำบลหนองหลวง						องค์การบริหารส่วนตำบลคู้งลาน																	
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5			
	บ้านบางผี	บ้านบางผี	บ้านบางผี	บ้านบางผี	บ้านบางผี	บ้านบางผี	บ้านเป้ง	บ้านเป้ง	บ้านเป้ง	บ้านเป้ง	บ้านเป้ง	บ้านเป้ง	บ้านโคกเจ็ก	บ้านโคกเจ็ก	บ้านไผ่	บ้านไผ่	บ้านหว้า	บ้านหว้า	บ้านปากคลอง	บ้านปากคลอง	บ้านโรง	บ้านโรง	บ้านหัวจระเข้	บ้านหัวจระเข้	บ้านนัยนาท	บ้านนัยนาท	บ้านเสาวังคา	บ้านเสาวังคา	บ้านหนองหลวง	บ้านเสากระโดง	บ้านเสากระโดง	บ้านเสากระโดง	บ้านทับแดง	บ้านทับแดง	บ้านทับแดง	บ้านทับแดง	บ้านคู้งลาน	บ้านคู้งลาน	บ้านคู้งลาน	บ้านคู้งลาน	บ้านคู้งลาน					
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ
3.3 การกำจัดน้ำเสีย/น้ำทิ้งจากกิจกรรมต่างๆ ในท																																														
- ทิ้งลงคลอง / แหล่งน้ำตามธรรมชาติ	0	0.0	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	33.3	2	100.0	2	100.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	2	100.0
- ระบายลงดิน / ที่โล่งข้างบ้าน	0	0.0	0	0.0	2	50.0	0	0.0	0	0.0	0	0.0	2	66.7	2	100.0	2	33.3	0	0.0	0	0.0	2	66.7	2	33.3	2	100.0	0	0.0	0	0.0	2	50.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- ระบายลงท่อระบายน้ำเทศบาล/อบต.	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	33.3	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	1	50.0	2	66.7	0	0.0		
- ระบายลงบ่อบำบัดน้ำเสียเบื้องต้นภายในบ้าน	0	0.0	0	0.0	1	25.0	2	100.0	2	100.0	2	100.0	1	33.3	0	0.0	2	33.3	0	0.0	0	0.0	0	0.0	2	33.3	0	0.0	0	0.0	2	50.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0		
รวม	2	100.0	2	100.0	4	100.0	2	100.0	2	100.0	2	100.0	3	100.0	2	100.0	6	100.0	2	100.0	2	100.0	3	100.0	6	100.0	2	100.0	2	100.0	4	100.0	2	100.0	2	100.0	2	100.0	2	100.0	3	100.0	2	100.0		
3.4 การกำจัดขยะในชุมชน (ตอบได้มากกว่า 1 ชั																																														
- กองแล้วเฝ้า	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	20.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ขุดหลุมฝังในบริเวณบ้าน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ทิ้งไว้ข้างบ้าน/ที่โล่ง/ที่สาธารณะ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	40.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- รวบรวมแล้วนำไปทิ้งถังขยะของเทศบาล/อบต.	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	40.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	5	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
ส่วนที่ 4 ข้อมูลด้านสภาพแวดล้อมในปัจจุบันของชุม																																														
4.1 ในระยะเวลา 1 ปีที่ผ่านมา สภาพสิ่งแวดล้อม																																														
- ไม่เปลี่ยนแปลง	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	1	50.0	1	50.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
- เปลี่ยนแปลงเล็กน้อย	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	1	50.0	1	50.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0		
- เปลี่ยนแปลงปานกลาง	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0		
- เปลี่ยนแปลงมาก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0				
สภาพแวดล้อมในชุมชนที่ท่านคิดว่ามีการเปลี่																																														
- Covid-19	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- การก่อสร้างทางด่วน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- เกิดปัญหาฝุ่นละออง	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0																												







รายละเอียด	เทศบาลตำบลตลาดเกรียบ														เทศบาลตำบลคลองจิก																เทศบาลตำบลปราสาททอง								เทศบาลตำบลบางปะอิน									
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 11		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5			
	บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบเหนือ		บ้านตลาดเกรียบเหนือ		บ้านตลาดเกรียบเหนือ		บ้านคลองจิก		บ้านคลองลาว		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองหลุม		บ้านคลองหลุม		บ้านเสาวังคา		บ้านเลยเหนือ		บ้านเลยเหนือ		บ้านพราน		บ้านท้องคุ้ง		บ้านเลยเหนือ		บ้านพราน		บ้านบางโหลง		บ้านสะพานหก			
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ		
4.2.2 ควัน/เขม่า																																																
- ไม่มี	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	1	50.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	1	50.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0
- มี	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	1	50.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0
ระดับของปัญหา																																																
- น้อย	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- ปานกลาง	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0
- มาก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0
รวม	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	1	100.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0
สาเหตุของปัญหา																																																
- การจราจร	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0		
- การเผา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- มาตามลม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- โรงงาน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ทำเรือ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ทัวไป	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ไม่ทราบที่มา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
รวม	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	1	100.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
4.2.3 กลิ่นเหม็น																																																
- ไม่มี	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	1	50.0	2	100.0	0	0.0	2	100.0	1	50.0	0	0.0	2	100.0	2	100.0	1	50.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	1	50.0		
- มี	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	2	100.0	0	0.0	1	50.0	2	100.0	0	0.0	0	0.0	1	50.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	1	50.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0																								



รายละเอียด	เทศบาลตำบลบางปะอิน												เทศบาลตำบลบ้านกรด								รวมเขตเทศบาล		องค์การบริหารส่วนตำบลบ้านโพ																องค์การบริหารส่วนตำบลวัดยม							
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 12		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 11				หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 5	หมู่ที่ 6	หมู่ที่ 7	หมู่ที่ 8	หมู่ที่ 9	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4											
	บ้านตลาดล่าง	บ้านคลองกลางบ้าน	บ้านปากคลองัด	บ้านหัวสะพาน	บ้านท้ายเกาะ	บ้านเกาะลอย	บ้านกรด	บ้านกรด	บ้านคลองควาย	บ้านโคกวัด	บ้านพาสน์	บ้านพาสน์	บ้านโพ	บ้านโพ	บ้านเกาะพระ	บ้านท่าแร่	บ้านเกาะพระ	บ้านสระกระจับ	บ้านสระกระจับ	บ้านวัดยม	บ้านวัดยม	บ้านวัดยม	บ้านกลางขุนแผน																							
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ										
4.2.2 ควัน/เขม่า																																														
- ไม่มี	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	40	60.6	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0				
- มี	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	26	39.4	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	66	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0				
ระดับของปัญหา																																														
- น้อย	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	13	50.0	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ปานกลาง	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	11	42.3	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0		
- มาก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	7.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
รวม	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	26	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0		
สาเหตุของปัญหา																																														
- การจราจร	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	8	30.8	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0		
- การเผา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	7.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0		
- ชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	1	3.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- มาตามล	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- โรงงาน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	7.7	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ท่าเรือ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ทวีป	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	7.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ไม่ทราบที่มา	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	11	42.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	26	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0		
4.2.3 กลิ่นเหม็น																																														
- ไม่มี	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	1	50.0	2	100.0	2	100.0	45	68.2	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0
- มี	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	21	31.8	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	66	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
ระดับของปัญหา																																														
- น้อย	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	10	47.6	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ปานกลาง	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10	47.6	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0		
- มาก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	4.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
รวม	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	21	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0		
สาเหตุของปัญหา																																														
- ชยะ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- การเผา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0				
- ชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	3	14.3	0	0.0	1	50.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- มาตามล	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	9.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- โรงงาน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	33.3	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- การจราจร	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- น้ำเสีย	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ทวีป	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	9.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ไม่ทราบที่มา	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	21	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0									



รายละเอียด	องค์การบริหารส่วนตำบลวัดยม						องค์การบริหารส่วนตำบลบ้านเป้ง								องค์การบริหารส่วนตำบลบ้านหว้า														องค์การบริหารส่วนตำบลหนองหลวง										องค์การบริหารส่วนตำบลคู้งลาน											
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5							
	บ้านบางผี	บ้านบางผี	บ้านบางผี	บ้านบางผี	บ้านบางผี	บ้านบางผี	บ้านเป้ง	บ้านเป้ง	บ้านเป้ง	บ้านเป้ง	บ้านปูน	บ้านโคกเจ็ก	บ้านโคกเจ็ก	บ้านโคกเจ็ก	บ้านโคกเจ็ก	บ้านไผ่	บ้านหว้า	บ้านปากคลอง	บ้านโรง	บ้านหัวจระเข้	บ้านนัยนาท	บ้านเสาวังคา	บ้านเสาวังคา	บ้านเสาวังคา	บ้านหนองหลวง	บ้านเสากระโดง	บ้านเสากระโดง	บ้านเสากระโดง	บ้านเสากระโดง	บ้านเสากระโดง	บ้านเสากระโดง	บ้านเสากระโดง	บ้านเสากระโดง	บ้านเสากระโดง	บ้านเสากระโดง	บ้านเสากระโดง	บ้านเสากระโดง	บ้านเสากระโดง	บ้านเสากระโดง	บ้านเสากระโดง	บ้านเสากระโดง	บ้านเสากระโดง								
จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	
4.2.2 ควัน/เขม่า																																																		
- ไม่มี	0	0.0	0	0.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	1	50.0	0	0.0	1	50.0	2	100.0	2	100.0	0	0.0	1	50.0	2	100.0	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	1	50.0				
- มี	2	100.0	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	1	50.0	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	2	100.0	2	100.0	2	100.0	1	50.0				
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0				
ระดับของปัญหา																																																		
- น้อย	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	1	100.0	0	0.0	0	0.0	1	100.0	1	50.0	0	0.0	0	0.0	0	0.0				
- ปานกลาง	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	2	100.0	1	100.0				
- มาก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
รวม	2	100.0	2	100.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	1	100.0	2	100.0	1	100.0	0	0.0	0	0.0	2	100.0	1	100.0	0	0.0	0	0.0	1	100.0	2	100.0	2	100.0	2	100.0	1	100.0				
สาเหตุของปัญหา																																																		
- การจราจร	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	2	100.0	0	0.0				
- การเผา	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	1	50.0	0	0.0	1	100.0						
- ชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- มาตามลม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- โรงงาน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ท่าเรือ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ทวีป	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ไม่ทราบที่มา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	2	100.0	2	100.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	1	100.0	2	100.0	1	100.0	0	0.0	0	0.0	2	100.0	1	100.0	0	0.0	0	0.0	1	100.0	2	100.0	2	100.0	2	100.0	1	100.0				
4.2.3 กลิ่นเหม็น																																																		
- ไม่มี	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	1	50.0	0	0.0	1	50.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0				
- มี	2	100.0	2	100.0	0	0.0																																												



รายละเอียด	องค์การบริหารส่วนตำบลตลิ่งชัน												องค์การบริหารส่วนตำบลบ้านพลับ										องค์การบริหารส่วนตำบลสามเรือน								องค์การบริหารส่วนตำบลบ้านบ่อตาโล่				รวมเขต อบต.		รวมทั้งหมด			
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 4		หมู่ที่ 8		หมู่ที่ 6		หมู่ที่ 7							
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ				
4.2.2 ครวิน/เขม่า																																								
- ไม่มี	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	1	50.0	2	100.0	0	0.0	0	0.0	0	0.0	52	50.0	92	54.1		
- มี	0	0.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	1	50.0	0	0.0	2	100.0	2	100.0	2	100.0	52	50.0	78	45.9		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0				
ระดับของปัญหา																																								
- น้อย	0	0.0	1	100.0	1	50.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	1	50.0	1	100.0	0	0.0	2	100.0	2	100.0	0	0.0	26	50.0	39	50.0		
- ปานกลาง	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0	23	44.2	34	43.6				
- มาก	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	5.8	5	6.4		
รวม	0	0.0	1	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	1	100.0	0	0.0	2	100.0	2	100.0	2	100.0	52	100.0	78	100.0		
สาเหตุของปัญหา																																								
- การจราจร	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	2	100.0	1	50.0	0	0.0	15	28.8	23	29.5		
- การเผา	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	14	26.9	16	20.5		
- ชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	3.8	3	3.8		
- มาตามลม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.9	1	1.3		
- โรงงาน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	4	7.7	6	7.7		
- ท่าเรือ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	7.7	4	5.1		
- ทัวไป	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	3.8	4	5.1		
- ไม่ทราบที่มา	0	0.0	1	100.0	2	100.0	1	50.0	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10	19.2	21	26.9		
รวม	0	0.0	1	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	1	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	52	100.0	78	100.0
4.2.3 กลิ่นเหม็น																																								
- ไม่มี	0	0.0	2	100.0	1	50.0	1	50.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	1	50.0	1	50.0	2	100.0	2	100.0	2	100.0	0	0.0	60	57.7	105	61.8		
- มี	2	100.0	0	0.0	1	50.0	1	50.0	2	100.0	1	50.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	2	100.0	44	42.3	65	38.2				
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
ระดับของปัญหา																																								
- น้อย	0	0.0	0	0.0	1	100.0	1	100.0	0	0.0	1	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	18	40.9	28	43.1		
- ปานกลาง	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	2	100.0	26	59.1	36	55.4		
- มาก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.5		
รวม	2	100.0	0	0.0	1	100.0	1	100.0	2	100.0	1	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	1	100.0	1	100.0	0	0.0	0	0.0	0	0.0	2	100.0	44	100.0	65	100.0		
สาเหตุของปัญหา													</																											



รายละเอียด	เทศบาลตำบลตลาดเกรียบ														เทศบาลตำบลคลองจิก														เทศบาลตำบลปราสาททอง										เทศบาลตำบลบางปะอิน									
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 11		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5			
	บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบเหนือ		บ้านตลาดเกรียบเหนือ		บ้านตลาดเกรียบเหนือ		บ้านคลองจิก		บ้านคลองลาว		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองหลุม		บ้านคลองหลุม		บ้านเสาวังคา		บ้านเลยเหนือ		บ้านเลยเหนือ		บ้านพราน		บ้านท้องคุ้ง		บ้านเลยเหนือ		บ้านพราน		บ้านบางโหลง		บ้านสะพานหก			
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ		
4.2.5 ขยะมูลฝอย																																																
- ไม่มี	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	1	50.0	0	0.0	2	100.0	2	100.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	1	50.0
- มี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	1	50.0	2	100.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0
ระดับของปัญหา																																																
- น้อย	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	2	100.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- ปานกลาง	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0		
- มาก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
รวม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	1	100.0	2	100.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0		
สาเหตุของปัญหา																																																
- การจราจร	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ขยะต้น	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- มีการทิ้งขยะข้างถนน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- รถขยะไม่เพียงพอ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ไม่ทราบที่มา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	2	100.0	0	0.0	0	0.0	1	100.0	2	100.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
รวม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	1	100.0	2	100.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
4.2.6 น้ำเสีย																																																
- ไม่มี	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0
- มี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0
ระดับของปัญหา																																																
- น้อย	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0						



รายละเอียด	เทศบาลตำบลบางปะอิน												เทศบาลตำบลบ้านกรด								รวมเขตเทศบาล		องค์การบริหารส่วนตำบลบ้านโพ																องค์การบริหารส่วนตำบลวัดยม							
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 12		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 11				หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 5	หมู่ที่ 6	หมู่ที่ 7	หมู่ที่ 8	หมู่ที่ 9	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4											
	บ้านตลาดล่าง	บ้านคลองกลายบ้าน	บ้านปากคลองลัด	บ้านหัวสะพาน	บ้านท้ายเกาะ	บ้านเกาะลอย	บ้านกรวด	บ้านกรวด	บ้านคลองควาย	บ้านโคกวัด	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ												
4.2.5 ขยะมูลฝอย																																														
- ไม่มี	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	1	50.0	2	100.0	2	100.0	2	100.0	0	0.0	48	72.7	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0										
- มี	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0	18	27.3	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0										
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	66	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0										
ระดับของปัญหา																																														
- น้อย	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	50.0	8	44.4	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0										
- ปานกลาง	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	8	44.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0										
- มาก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	11.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0										
รวม	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	1	100.0	0	0.0	0	0.0	0	0.0	2	100.0	18	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0										
สาเหตุของปัญหา																																														
- การจราจร	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0												
- ขยะล้น	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	11.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0										
- ชุมชน	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	6	33.3	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0										
- มีการทิ้งขยะข้างถนน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0												
- รถขยะไม่เพียงพอ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0												
- ไม่ทราบที่มา	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10	55.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0										
รวม	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	1	100.0	0	0.0	0	0.0	0	0.0	2	100.0	18	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0										
4.2.6 น้ำเสีย																																														
- ไม่มี	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	1	50.0	2	100.0	0	0.0	48	72.7	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0										
- มี	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	2	100.0	18	27.3	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0										
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	66	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0										
ระดับของปัญหา																																														
- น้อย	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	6	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0										
- ปานกลาง	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	7	38.9	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0										
- มาก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	27.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0										
รวม	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	2	100.0	18	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0										
สาเหตุของปัญหา																																														
- การเกษตร	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0												
- โรงงาน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	22.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0										
- ชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	3	16.7	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0										
- การปิดประตูระบายน้ำ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	11.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0										
- นิคมโรจนะ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0																					



[illegible]



รายละเอียด	องค์การบริหารส่วนตำบลคลังชั้น												องค์การบริหารส่วนตำบลบ้านพลับ										องค์การบริหารส่วนตำบลสามเรือน								องค์การบริหารส่วนตำบลบ้านบ่อตาโล่				รวมเขต อบต.		รวมทั้งหมด	
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 4		หมู่ที่ 8		หมู่ที่ 6		หมู่ที่ 7					
	บ้านสามง่าม	บ้านในคลอง	บ้านดิ่งชั้น	บ้านดิ่งชั้น	บ้านศาลเจ้า	บ้านคลองขวาง	บ้านหัวบ้าน	บ้านขายน้ำ	บ้านหลังน้ำ	บ้านกลาง	บ้านพลับ	บ้านหลวง	บ้านสามเรือน	บ้านขอม	บ้านเสาวังคา	บ้านงามผักตบ	บ้านเสาวังคา																					
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ				
4.2.5 ขยะมูลฝอย																																						
- ไม่มี	0	0.0	2	100.0	1	50.0	1	50.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	1	50.0	2	100.0	2	100.0	1	50.0	2	100.0	72	69.2	120	70.6
- มี	2	100.0	0	0.0	1	50.0	1	50.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	1	50.0	0	0.0	0	0.0	1	50.0	0	0.0	32	30.8	50	29.4
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
ระดับของปัญหา																																						
- น้อย	0	0.0	0	0.0	0	0.0	1	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	1	100.0	0	0.0	11	34.4	19	38.0
- ปานกลาง	2	100.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	16	50.0	24	48.0		
- มาก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	15.6	7	14.0		
รวม	2	100.0	0	0.0	1	100.0	1	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	1	100.0	0	0.0	0	0.0	1	100.0	0	0.0	32	100.0	50	100.0
สาเหตุของปัญหา																																						
- การจราจร	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	3.1	1	2.0		
- ขยะล้น	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	6.3	4	8.0		
- ชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	1	50.0	1	100.0	0	0.0	0	0.0	0	0.0	17	53.1	23	46.0		
- มีการทิ้งขยะข้างถนน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1	3.1	1	2.0
- รถขยะไม่เพียงพอ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	6.3	2	4.0		
- ไม่ทราบที่มา	0	0.0	0	0.0	1	100.0	1	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	9	28.1	19	38.0		
รวม	2	100.0	0	0.0	1	100.0	1	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	1	100.0	0	0.0	0	0.0	1	100.0	0	0.0	32	100.0	50	100.0
4.2.6 น้ำเสีย																																						
- ไม่มี	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	1	50.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	1	50.0	0	0.0	66	63.5	114	67.1
- มี	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	1	50.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	1	50.0	2	100.0	38	36.5	56	32.9
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
ระดับของปัญหา																																						
- น้อย	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	10	26.3	16	28.6		
- ปานกลาง	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	1	100.0	0	0.0	23	60.5	30	53.6
- มาก	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	5	13.2	10	17.9		
รวม	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	1	100.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	1	100.0	2	100.0	38	100.0	56	100.0
สาเหตุของปัญหา																																						
- การเกษตร	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	5.3	2	3.6		
- โรงงาน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	7	18.4		



[illegible]



รายละเอียด	เทศบาลตำบลบางปิ่น												เทศบาลตำบลบ้านกรด								รวมเขตเทศบาล		องค์การบริหารส่วนตำบลบ้านโพ																องค์การบริหารส่วนตำบลวัดยม							
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 12		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 11				หมู่ที่ 1	หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4
	บ้านตลาดล่าง	บ้านคลองกลายบ้าน	บ้านปากคลองจัด	บ้านหัวสะพาน	บ้านท้ายเกาะ	บ้านเกาะลอย	บ้านกรด	บ้านกรด	บ้านคลองควาย	บ้านโคกวัด	บ้านพาสน์	บ้านพาสน์	บ้านโพ	บ้านโพ	บ้านเกาะพระ	บ้านพานไร่	บ้านเกาะพระ	บ้านสระกระจุบ	บ้านสระกระจุบ	บ้านวัดยม	บ้านวัดยม	บ้านวัดยม	บ้านกลางขุนแผน																							
ระดับของปัญหา	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ		
- น้อย	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	7	50.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- ปานกลาง	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- มาก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
รวม	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	14	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
สาเหตุของปัญหา																																														
- การจราจร	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- การทำการเกษตรเชิงเดี่ยว	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	7.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	2	14.3	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- ดินเปรี้ยว	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	14.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ไม่ทราบที่มา	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9	64.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.																																		



[illegible]



รายละเอียด	องค์การบริหารส่วนตำบลลิ้งชัน												องค์การบริหารส่วนตำบลบ้านพลับ										องค์การบริหารส่วนตำบลสามเรือน								องค์การบริหารส่วนตำบลบ้านบ่อตาโล่						รวมเขต อบต.		รวมทั้งหมด	
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 4		หมู่ที่ 8		หมู่ที่ 6		หมู่ที่ 7							
	บ้านสามง่าม	บ้านในคลอง	บ้านลิ้งชัน	บ้านลิ้งชัน	บ้านศาลเจ้า	บ้านคลองขวาง	บ้านหัวบ้าน	บ้านขายน้ำ	บ้านลิ้งน้ำ	บ้านกลาง	บ้านพลับ	บ้านหลวง	บ้านสามเรือน	บ้านขอม	บ้านเสาวังคา	บ้านจามผักตบ	บ้านเสาวังคา																							
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ						
ระดับของปัญหา																																								
- น้อย	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	7	29.2	14	36.8				
- ปานกลาง	0	0.0	1	100.0	1	100.0	0	0.0	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	16	66.7	23	60.5				
- มาก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	4.2	1	2.6				
รวม	0	0.0	1	100.0	1	100.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	24	100.0	38	100.0		
สาเหตุของปัญหา																																								
- การจราจร	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	4.2	1	2.6				
- การทำการเกษตรเชิงเดี่ยว	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	4.2	2	5.3				
- ชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	10	41.7	12	31.6				
- ดินเปรี้ยว	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	16.7	6	15.8				
- ไม่ทราบที่มา	0	0.0	1	100.0	1	100.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8	33.3	17	44.7		
รวม	0	0.0	1	100.0	1	100.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	24	66.7	38	100.0		
4.2.9 ถนนชำรุด/การคมนาคมไม่สะดวก																																								
- ไม่มี	2	100.0	1	50.0	1	50.0	1	50.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2													



รายละเอียด	เทศบาลตำบลตลาดเกรียบ														เทศบาลตำบลดองจิก								เทศบาลตำบลปราสาททอง								เทศบาลตำบลบางปรอน															
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 11		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5	
	บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบเหนือ		บ้านตลาดเกรียบเหนือ		บ้านตลาดเกรียบเหนือ		บ้านคลองจิก		บ้านคลองลาว		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองหลุม		บ้านคลองหลุม		บ้านเสาวังคา		บ้านเลยเหนือ		บ้านเลยเหนือ		บ้านพราน		บ้านห้องคู้		บ้านเลยเหนือ		บ้านพราน		บ้านบางโหลง		บ้านสะพานหก	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ
ต้องการทราบ เรื่อง																																														
- กิจกรรม/ขั้นตอนการผลิต	0	0.0	0	0.0	2	40.0	2	14.3	2	14.3	2	22.2	2	16.7	0	0.0	0	0.0	0	0.0	2	14.3	0	0.0	1	12.5	2	14.3	2	14.3	0	0.0	0	0.0	2	15.4	2	14.3	0	0.0	2	15.4	2	14.3	2	25.0
- มาตรการป้องกัน และลดผลกระทบ	0	0.0	2	20.0	2	40.0	2	14.3	2	14.3	2	22.2	2	16.7	0	0.0	2	20.0	2	25.0	2	14.3	1	50.0	1	12.5	2	14.3	2	14.3	2	20.0	0	0.0	2	15.4	2	14.3	0	0.0	2	15.4	2	14.3	1	12.5
- การมีส่วนร่วมของบริษัฯ กับชุมชน	2	20.0	2	20.0	0	0.0	2	14.3	2	14.3	0	0.0	1	8.3	2	33.3	2	20.0	2	25.0	2	14.3	0	0.0	1	12.5	2	14.3	2	14.3	2	20.0	0	0.0	2	15.4	2	14.3	0	0.0	2	15.4	2	14.3	1	12.5
- ประโยชน์ของโครงการ	2	20.0	0	0.0	0	0.0	2	14.3	2	14.3	1	11.1	2	16.7	1	16.7	0	0.0	0	0.0	2	14.3	0	0.0	2	25.0	2	14.3	2	14.3	1	10.0	0	0.0	2	15.4	2	14.3	0	0.0	2	15.4	2	14.3	0	0.0
- ผลกระทบด้านสิ่งแวดล้อม	2	20.0	2	20.0	1	20.0	2	14.3	2	14.3	2	22.2	2	16.7	1	16.7	2	20.0	2	25.0	2	14.3	1	50.0	1	12.5	2	14.3	2	14.3	2	20.0	0	0.0	2	15.4	2	14.3	0	0.0	2	15.4	2	14.3	2	25.0
- ผลกระทบด้านสังคม	2	20.0	2	20.0	0	0.0	2	14.3	2	14.3	2	22.2	2	16.7	1	16.7	2	20.0	0	0.0	2	14.3	0	0.0	1	12.5	2	14.3	2	14.3	1	10.0	0	0.0	2	15.4	2	14.3	0	0.0	2	15.4	2	14.3	0	0.0
- ผลกระทบด้านสุขภาพ	2	20.0	2	20.0	0	0.0	2	14.3	2	14.3	0	0.0	1	8.3	1	16.7	2	20.0	2	25.0	2	14.3	0	0.0	1	12.5	2	14.3	2	14.3	2	20.0	0	0.0	1	7.7	2	14.3	0	0.0	1	7.7	2	14.3	2	25.0
รวม	10	100.0	10	100.0	5	100.0	14	100.0	14	100.0	9	100.0	12	100.0	6	100.0	10	100.0	8	100.0	14	100.0	2	100.0	8	100.0	14	100.0	14	100.0	10	100.0	0	0.0	13	100.0	14	100.0	0	0.0	13	100.0	14	100.0	8	100.0
5.4 ท่านสามารถระบุกิจกรรมที่โรงไฟฟ้าบ้านโพ จัดขึ้นได้หรือไม่																																														
- ไม่สามารถระบุได้	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	1	50.0	2	100.0	1	50.0	0	0.0	2	100.0	2	100.0	1	50.0	0	0.0	0	0.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0
- สามารถระบุได้	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	1	50.0	0	0.0	1	50.0	2	100.0	0	0.0	0	0.0	1	50.0	2	100.0	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
สามารถระบุได้ ระบุกิจกรรม																																														
- กิจกรรมด้านสิ่งแวดล้อม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- กิจกรรมมอบทุนการศึกษา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- กิจกรรมวันเด็ก	0	0.0	0	0.0	0	0.0	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- กิจกรรมศึกษาดูงาน	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	33.3	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- เข้าร่วมประชุม	2	100.0	2	100.0	0	0.0	0	0.0	1	50.0	0	0.0	1	33.3	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	1	100.0	2	33.3	2	50.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0		
- อบรมให้ความรู้	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- จัดกิจกรรมร่วมกับโรงเรียน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- เทศกาลและประเพณีต่างๆ	0	0.0	0	0.0	0	0.0	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ปลูกป่าชายเลน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- กิจกรรมทางศาสนา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ช่วยเหลือบ้านไฟไหม้	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
รวม	2	100.0	2	100.0	2	100.0	4	100.0	2	100.0	0	0.0	3	100.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	1	100.0	6	100.0	4	100.0	1	100.0	2	100.0	2	250.0	5	100.0	0	0.0	2	100.0	0	0.0	0	0.0
5.5 ช่วงที่ผ่านมาท่านเคยเข้าร่วมกิจกรรมกับโรงไฟฟ้าบ้านโพ หรือไม่																																														
- ไม่เคยเข้าร่วม	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	2	100.0	1	50.0	2	100.0	1	50.0	0	0.0	2	100.0	1	50.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0
- เคยเข้าร่วม	2	100.0	2	100.0	1	50.0	2	100.0	2	100.0	0	0.0	1	50.0	0	0.0	1	50.0	2	100.0	0	0.0	1	50.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
ไม่เคยเข้าร่วม เนื่องจาก																																														
- พังค้ำรำแหง	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ไม่ได้รับเชิญ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ไม่มีการจัดกิจกรรมในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ไม่ทราบ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	2	100.0	1	100.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0
- ไม่สะดวก	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0								



รายละเอียด	เทศบาลตำบลบางปะอิน												เทศบาลตำบลบ้านกรด								รวมเขตเทศบาล		องค์การบริหารส่วนตำบลบ้านโพ																องค์การบริหารส่วนตำบลวัดยม									
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 12		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 11				หมู่ที่ 1	หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		
	บ้านตลาดล่าง	บ้านคลองกลางบ้าน	บ้านปากคลองตัด	บ้านหัวสะพาน	บ้านท้ายเกาะ	บ้านเกาะลอย	บ้านกรด	บ้านกรด	บ้านคลองควาย	บ้านโคกวัด	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ				
ต้องการทราบ เรื่อง																																																
- กิจกรรม/ขั้นตอนการผลิต	2	14.3	2	14.3	0	0.0	2	14.3	2	14.3	0	0.0	2	14.3	0	0.0	2	14.3	2	15.4	41	12.2	0	0.0	0	0.0	2	14.3	2	14.3	2	14.3	2	14.3	2	14.3	2	14.3	0	0.0	2	14.3	2	14.3	2	14.3	0	0.0
- มาตราการป้องกัน และลดผลกระทบ	2	14.3	2	14.3	2	22.2	2	14.3	2	14.3	1	20.0	2	14.3	0	0.0	2	14.3	2	15.4	52	15.5	0	0.0	2	16.7	2	14.3	2	14.3	2	14.3	2	14.3	2	14.3	0	0.0	2	14.3	2	14.3	2	14.3	2	14.3	0	0.0
- การมีส่วนร่วมของบริชทา กับชุมชน	2	14.3	2	14.3	1	11.1	2	14.3	2	14.3	1	20.0	2	14.3	2	100.0	2	14.3	2	15.4	51	15.2	2	50.0	2	16.7	2	14.3	2	14.3	2	14.3	2	14.3	2	14.3	0	0.0	2	14.3	2	14.3	2	14.3	2	14.3	2	20.0
- ประโยชน์ของโครงการ	2	14.3	2	14.3	2	22.2	2	14.3	2	14.3	1	20.0	2	14.3	0	0.0	2	14.3	2	15.4	44	13.1	0	0.0	2	16.7	2	14.3	2	14.3	2	14.3	2	14.3	2	14.3	0	0.0	2	14.3	2	14.3	2	14.3	2	14.3	2	20.0
- ผลกระทบด้านสิ่งแวดล้อม	2	14.3	2	14.3	2	22.2	2	14.3	2	14.3	1	20.0	2	14.3	0	0.0	2	14.3	2	15.4	55	16.4	2	50.0	2	16.7	2	14.3	2	14.3	2	14.3	2	14.3	0	0.0	2	14.3	2	14.3	2	14.3	2	14.3	2	20.0		
- ผลกระทบด้านสังคม	2	14.3	2	14.3	0	0.0	2	14.3	2	14.3	1	20.0	2	14.3	0	0.0	2	14.3	1	7.7	45	13.4	0	0.0	2	16.7	2	14.3	2	14.3	2	14.3	2	14.3	0	0.0	2	14.3	2	14.3	2	14.3	2	14.3	2	20.0		
- ผลกระทบด้านสุขภาพ	2	14.3	2	14.3	2	22.2	2	14.3	2	14.3	0	0.0	2	14.3	0	0.0	2	14.3	2	15.4	47	14.0	0	0.0	2	16.7	2	14.3	2	14.3	2	14.3	2	14.3	0	0.0	2	14.3	2	14.3	2	14.3	2	14.3	2	20.0		
รวม	14	100.0	14	100.0	9	100.0	14	100.0	14	100.0	5	100.0	14	100.0	2	100.0	14	100.0	13	100.0	335	100.0	4	100.0	12	100.0	14	100.0	14	100.0	14	100.0	14	100.0	0	0.0	14	100.0	14	100.0	14	100.0	10	100.0				
5.4 ท่านสามารถระบุกิจกรรมที่โรงไฟฟ้าบ้านโพ จั																																																
- ไม่สามารถระบุได้	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	34	51.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0		
- สามารถระบุได้	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	32	48.5	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	66	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0				
สามารถระบุได้ ระกิจกรรม																																																
- กิจกรรมด้านสิ่งแวดล้อม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- กิจกรรมมอบทุนการศึกษา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	66.7	2	3.3	2	50.0	1	20.0	0	0.0	0	0.0	2	50.0	2	50.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- กิจกรรมวันเด็ก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	5	8.3	0	0.0	1	20.0	0	0.0	0	0.0	0	0.0	2	50.0	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- กิจกรรมศึกษาดูงาน	0	0.0	2	50.0	0	0.0	2	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	12	20.0	0	0.0	1	20.0	2	100.0	2	50.0	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0		
- เข้าร่วมประชุม	0	0.0	2	50.0	0	0.0	2	33.3	2	66.7	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	29	48.3	0	0.0	1	20.0	0	0.0	2	50.0	2	100.0	0	0.0	0	0.0	2	66.7	2	50.0	2	100.0	2	100.0				
- มอบรรมให้ความรู้	0	0.0	0	0.0	0	0.0	2	33.3	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9	15.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- จัดกิจกรรมร่วมกับโรงเรียน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- เทศกาลและประเพณีต่างๆ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	5.0	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ปลูกป่าชายเลน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- กิจกรรมทางศาสนา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.7	0	0.0	1	20.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ช่วยเหลือบ้านไ้ใหม่	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
รวม	0	0.0	4	100.0	0	0.0	6	100.0	3	100.0	0	0.0	2	100.0	0	0.0	0	0.0	3	100.0	60	100.0	4	100.0	5	100.0	2	100.0	4	100.0	2	100.0	4	100.0	4	100.0	0	0.0	3	100.0	4	100.0	2	100.0				
5.5 ช่วงที่ผ่านมามีท่านเคยเข้าร่วมกิจกรรมกับโรงใ																																																
- ไม่เคยเข้าร่วม	2	100.0	0	0.0	1	50.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	20	30.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- เคยเข้าร่วม	0	0.0	2	100.0	1	50.0	2	100.0	2	100.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	46	69.7	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	66	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
ไม่เคยเข้าร่วม เนื่องจาก																																																
- พึ่งดำรงตำแหน่ง	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	20.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ไม่ได้รับเชิญ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ไม่มีการจัดกิจกรรมในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ไม่ทราบ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	12	60.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ไม่สะดวก	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	15.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.												



รายละเอียด	องค์การบริหารส่วนตำบลวัดยม						องค์การบริหารส่วนตำบลบ้านเป้ง						องค์การบริหารส่วนตำบลบ้านหว้า														องค์การบริหารส่วนตำบลหนองหลวง						องค์การบริหารส่วนตำบลคู้งลาน																					
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5											
	บ้านบางผี	บ้านบางผี	บ้านบางผี	บ้านบางผี	บ้านบางผี	บ้านบางผี	บ้านเป้ง	บ้านเป้ง	บ้านเป้ง	บ้านเป้ง	บ้านปูน	บ้านโคกเจ็ก	บ้านโคกเจ็ก	บ้านโคกเจ็ก	บ้านโคกเจ็ก	บ้านไผ่	บ้านหว้า	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง	บ้านปากคลอง										
จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ					
ต้องการทราบ เรื่อง																																																						
- กิจกรรม/ขั้นตอนการผลิต	0	0.0	2	14.3	0	0.0	2	14.3	2	14.3	2	14.3	2	14.3	0	0.0	2	14.3	0	0.0	0	0.0	0	0.0	2	14.3	2	14.3	0	0.0	2	25.0	2	14.3	2	14.3	1	12.5	0	0.0	0	0.0	2	14.3										
- มาตราการป้องกัน และลดผลกระทบ	2	16.7	2	14.3	0	0.0	2	14.3	2	14.3	2	14.3	2	14.3	2	25.0	2	14.3	0	0.0	0	0.0	1	25.0	2	14.3	2	14.3	2	25.0	2	25.0	2	14.3	2	14.3	1	12.5	0	0.0	0	0.0	2	14.3										
- การมีส่วนร่วมของบริษัฯ กับชุมชน	2	16.7	2	14.3	1	100.0	2	14.3	2	14.3	2	14.3	2	14.3	2	25.0	2	14.3	0	0.0	0	0.0	2	50.0	2	14.3	2	14.3	0	0.0	2	25.0	2	14.3	2	14.3	2	25.0	1	50.0	2	50.0	2	14.3										
- ประโยชน์ของโครงการ	2	16.7	2	14.3	0	0.0	2	14.3	2	14.3	2	14.3	2	14.3	0	0.0	2	14.3	0	0.0	0	0.0	0	0.0	2	14.3	2	14.3	0	0.0	2	25.0	2	14.3	2	14.3	1	12.5	0	0.0	2	50.0	2	14.3										
- ผลกระทบด้านสิ่งแวดล้อม	2	16.7	2	14.3	0	0.0	2	14.3	2	14.3	2	14.3	2	14.3	2	25.0	2	14.3	0	0.0	0	0.0	1	25.0	2	14.3	2	14.3	2	25.0	0	0.0	2	14.3	2	14.3	1	12.5	1	50.0	0	0.0	2	14.3										
- ผลกระทบด้านสังคม	2	16.7	2	14.3	0	0.0	2	14.3	2	14.3	2	14.3	2	14.3	0	0.0	2	14.3	0	0.0	0	0.0	0	0.0	2	14.3	2	14.3	2	25.0	0	0.0	2	14.3	2	14.3	1	12.5	0	0.0	0	0.0	2	14.3										
- ผลกระทบด้านสุขภาพ	2	16.7	2	14.3	0	0.0	2	14.3	2	14.3	2	14.3	2	14.3	2	25.0	2	14.3	0	0.0	0	0.0	0	0.0	2	14.3	2	14.3	2	25.0	0	0.0	2	14.3	2	14.3	1	12.5	0	0.0	0	0.0	2	14.3										
รวม	12	100.0	14	100.0	1	100.0	14	100.0	14	100.0	14	100.0	14	100.0	8	100.0	14	100.0	0	0.0	0	0.0	4	100.0	14	100.0	14	100.0	8	100.0	8	100.0	14	100.0	14	100.0	8	100.0	2	100.0	4	100.0	14	100.0										
5.4 ท่านสามารถระบุกิจกรรมที่โรงไฟฟ้าบ้านโพ จั																																																						
- ไม่สามารถระบุได้	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	1	50.0	2	100.0	0	0.0										
- สามารถระบุได้	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	1	50.0	0	0.0	2	100.0										
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0										
สามารถระบุได้ ระบกิจกรรม																																																						
- กิจกรรมด้านสิ่งแวดล้อม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0								
- กิจกรรมมอบทุนการศึกษา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0						
- กิจกรรมวันเด็ก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- กิจกรรมศึกษาดูงาน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0						
- เข้าร่วมประชุม	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	50.0	0	0.0	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0						
- มอบมให้ความรู้	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0						
- จัดกิจกรรมร่วมกับโรงเรียน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0																																							



รายละเอียด	องค์การบริหารส่วนตำบลคลังชัน												องค์การบริหารส่วนตำบลบ้านพลับ										องค์การบริหารส่วนตำบลสามเรือน								องค์การบริหารส่วนตำบลบ้านบ่อตาโล่				รวมเขต อบต.		รวมทั้งหมด			
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 4		หมู่ที่ 8		หมู่ที่ 6		หมู่ที่ 7							
	บ้านสามง่าม	บ้านในคลอง	บ้านคลังชัน	บ้านคลังชัน	บ้านศาลเจ้า	บ้านคลองขวาง	บ้านหัวบ้าน	บ้านขายน้ำ	บ้านหลังน้ำ	บ้านกลาง	บ้านพลับ	บ้านหลวง	บ้านสามเรือน	บ้านขอม	บ้านเสาวังคา	บ้านงามผักตบ	บ้านเสาวังคา	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ					
ต้องการทราบ เรื่อง																																								
- กิจกรรม/ขั้นตอนการผลิต	2	14.3	0	0.0	0	0.0	0	0.0	2	14.3	1	25.0	0	0.0	2	14.3	2	14.3	2	14.3	0	0.0	0	0.0	2	28.6	2	14.3	0	0.0	1	12.5	2	14.3	61	11.6	102	11.8		
- มาตราการป้องกัน และลดผลกระทบ	2	14.3	2	20.0	1	16.7	2	40.0	2	14.3	1	25.0	2	16.7	2	14.3	2	14.3	2	14.3	2	16.7	1	33.3	0	0.0	2	14.3	0	0.0	2	25.0	2	14.3	79	15.0	131	15.2		
- การมีส่วนร่วมของบริษัทฯ กับชุมชน	2	14.3	1	10.0	1	16.7	0	0.0	2	14.3	0	0.0	2	16.7	2	14.3	2	14.3	2	14.3	2	16.7	0	0.0	0	0.0	2	14.3	2	100.0	0	0.0	2	14.3	82	15.5	133	15.4		
- ประโยชน์ของโครงการ	2	14.3	1	10.0	1	16.7	1	20.0	2	14.3	0	0.0	2	16.7	2	14.3	2	14.3	2	14.3	2	16.7	0	0.0	2	28.6	2	14.3	0	0.0	2	25.0	2	14.3	76	14.4	120	13.9		
- ผลกระทบด้านสิ่งแวดล้อม	2	14.3	2	20.0	1	16.7	1	20.0	2	14.3	2	50.0	2	16.7	2	14.3	2	14.3	2	14.3	2	16.7	1	33.3	1	14.3	2	14.3	0	0.0	2	25.0	2	14.3	83	15.7	138	16.0		
- ผลกระทบด้านสังคม	2	14.3	2	20.0	1	16.7	0	0.0	2	14.3	0	0.0	2	16.7	2	14.3	2	14.3	2	14.3	2	16.7	0	0.0	0	0.0	2	14.3	0	0.0	0	0.0	2	14.3	70	13.3	115	13.3		
- ผลกระทบด้านสุขภาพ	2	14.3	2	20.0	1	16.7	1	20.0	2	14.3	0	0.0	2	16.7	2	14.3	2	14.3	2	14.3	2	16.7	1	33.3	2	28.6	2	14.3	0	0.0	1	12.5	2	14.3	77	14.6	124	14.4		
รวม	14	100.0	10	100.0	6	100.0	5	100.0	14	100.0	4	100.0	12	100.0	14	100.0	14	100.0	14	100.0	12	100.0	3	100.0	7	100.0	14	100.0	2	100.0	8	100.0	14	100.0	528	100.0	863	100.0		
5.4 ท่านสามารถระบุกิจกรรมที่โรงไฟฟ้าบ้านโพ จั																																								
- ไม่สามารถระบุได้	1	50.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	47	45.2	81	47.6		
- สามารถระบุได้	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	1	50.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	57	54.8	89	52.4		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
สามารถระบุได้ ระบุกิจกรรม																																								
- กิจกรรมด้านสิ่งแวดล้อม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	3.6	3	2.1		
- กิจกรรมมอบทุนการศึกษา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9	10.8	11	7.7		
- กิจกรรมวันเด็ก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	50.0	2	50.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	13	15.7	18	12.6		
- กิจกรรมศึกษาดูงาน	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	8.4	19	13.3		
- เข้าร่วมประชุม	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	50.0	2	100.0	2	50.0	2	50.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	40	48.2	69	48.3		
- อบรมให้ความรู้	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6	7.2	15	10.5		
- จัดกิจกรรมร่วมกับโรงเรียน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.2	1	0.7		
- เทศกาลและประเพณีต่างๆ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	2.4	5	3.5		
- ปลุกป่าชายเลน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	2.4	2	1.4		
- กิจกรรมทางศาสนา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.2	2	1.4		
- ช่วยเหลือบ้านไฟไหม้	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.7
รวม	1	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	4	100.0	2	100.0	4	100.0	4	100.0	2	100.0	1	100.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	83	100.0	143	100.0		
5.5 ช่วงที่ผ่านมาท่านเคยเข้าร่วมกิจกรรมกับโรงไฟ																																								
- ไม่เคยเข้าร่วม	1	50.0	2	100.0	2	100.0	1	50.0	0	0.0	1	50.0	0	0.0																										



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รายละเอียด	เทศบาลตำบลบางปะอิน												เทศบาลตำบลบ้านกรด				รวมเขตเทศบาล		องค์การบริหารส่วนตำบลบ้านโพ																องค์การบริหารส่วนตำบลวัดยม																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 12		หมู่ที่ 8		หมู่ที่ 9				หมู่ที่ 10		หมู่ที่ 11		หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 5	หมู่ที่ 6	หมู่ที่ 7	หมู่ที่ 8	หมู่ที่ 9	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	บ้านตลาดล่าง	บ้านคลองกลางบ้าน	บ้านปากคลองลัด	บ้านหัวสะพาน	บ้านท้ายเกาะ	บ้านเกาะลอย	บ้านกรด	บ้านกรด	บ้านคลองควาย	บ้านโคกวัด	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
5.6.2 กิจกรรมศึกษาดูงาน																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</



รายละเอียด	องค์การบริหารส่วนตำบลวัดยม						องค์การบริหารส่วนตำบลบ้านแป้ง						องค์การบริหารส่วนตำบลบ้านหว้า										องค์การบริหารส่วนตำบลชนหลวง						องค์การบริหารส่วนตำบลคิ่งลาน																			
	หมู่ที่ 6 บ้านบางผี		หมู่ที่ 7 บ้านบางผี		หมู่ที่ 8 บ้านบางผี		หมู่ที่ 1 บ้านแป้ง		หมู่ที่ 2 บ้านแป้ง		หมู่ที่ 3 บ้านปูน		หมู่ที่ 4 บ้านโคกเจ็ก		หมู่ที่ 1 บ้านไต้		หมู่ที่ 2 บ้านหว้า		หมู่ที่ 3 บ้านปากคลอง		หมู่ที่ 4 บ้านโรง		หมู่ที่ 5 บ้านหัวจระเข้		หมู่ที่ 6 บ้านนันทา		หมู่ที่ 7 บ้านเสาวังคา		หมู่ที่ 3 บ้านชนอนหลวง		หมู่ที่ 4 บ้านเสากระโดง		หมู่ที่ 5 บ้านเสากระโดง		หมู่ที่ 1 บ้านทับแดง		หมู่ที่ 2 บ้านทับแดง		หมู่ที่ 3 บ้านคิ่งลาน		หมู่ที่ 4 บ้านคิ่งลาน		หมู่ที่ 5 บ้านคิ่งลาน					
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ				
5.6.2 กิจกรรมศึกษาดูงาน																																																
การรู้จัก																																																
- ไม่รู้จัก	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	1	50.0	1	50.0	1	50.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0
- รู้จัก	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	1	50.0	1	50.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
ความต้องการให้ดำเนินการต่อเนื่อง																																																
- ไม่ต้องการ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ต้องการ	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
5.6.3 กิจกรรมอบรมให้ความรู้																																																
การรู้จัก																																																
- ไม่รู้จัก	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	1	50.0	2	100.0	2	100.																												



รายละเอียด	องค์การบริหารส่วนตำบลคลังชั้น												องค์การบริหารส่วนตำบลบ้านพลับ										องค์การบริหารส่วนตำบลสามเรือน								องค์การบริหารส่วนตำบลบ้านบ่อตาโล่				รวมเขต อบต.		รวมทั้งหมด			
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 4		หมู่ที่ 8		หมู่ที่ 6		หมู่ที่ 7							
	บ้านสามง่าม	บ้านในคลอง	บ้านดลิ่งชั้น	บ้านดลิ่งชั้น	บ้านศาลเจ้า	บ้านคลองขวาง	บ้านหัวบ้าน	บ้านขายน้ำ	บ้านหลังน้ำ	บ้านกลาง	บ้านพลับ	บ้านหลวง	บ้านสามเรือน	บ้านขอม	บ้านเสาวังคา	บ้านงมผักตบ	บ้านเสาวังคา	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ					
5.6.2 กิจกรรมศึกษาดูงาน																																								
การรู้จัก																																								
- ไม่รู้จัก	2	100.0	2	100.0	2	100.0	1	50.0	0	0.0	1	50.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	53	51.0	72	42.4
- รู้จัก	0	0.0	0	0.0	0	0.0	1	50.0	2	100.0	1	50.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	51	49.0	98	57.6		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
ความต้องการให้ดำเนินการต่อเนื่อง																																								
- ไม่ต้องการ	1	50.0	1	50.0	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	13	12.5	17	10.0		
- ต้องการ	1	50.0	1	50.0	1	50.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	91	87.5	153	90.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
5.6.3 กิจกรรมอบรมให้ความรู้																																								
การรู้จัก																																								
- ไม่รู้จัก	2	100.0	2	100.0	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	49	47.1	70	41.2		
- รู้จัก	0	0.0	0	0.0	0	0.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	55	52.9	100	58.8		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
ความต้องการให้ดำเนินการต่อเนื่อง																																								
- ไม่ต้องการ	1	50.0	1	50.0	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	8	7.7	13	7.6		
- ต้องการ	1	50.0	1	50.0	1	50.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	96	92.3	157	92.4		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
5.6.4 กิจกรรมให้ทุนการศึกษาแก่นักเรียน																																								
การรู้จัก																																								
- ไม่รู้จัก	2	100.0	2	100.0	2	100.0	1	50.0	0	0.0	1	50.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	52	50.0	84	49.4		
- รู้จัก	0	0.0	0	0.0	0	0.0	1	50.0	2	100.0	1	50.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	52	50.0	86	50.6		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
ความต้องการให้ดำเนินการต่อเนื่อง																																								
- ไม่ต้องการ	1	50.0	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	6	5.8	7	4.1		
- ต้องการ	1	50.0	1	50.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	98	94.2	163	95.9		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
5.6.5 กิจกรรมวันเด็ก																																								
การรู้จัก																																								
- ไม่รู้จัก	2	100.0	2	100.0	2	100.0	0	0.0	1	50.0																														



[illegible]



รายละเอียด	เทศบาลตำบลบางปะอิน												เทศบาลตำบลบ้านกรด						รวมเขตเทศบาล		องค์การบริหารส่วนตำบลบ้านโพ																องค์การบริหารส่วนตำบลวัดยม													
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 12		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10				หมู่ที่ 11		หมู่ที่ 1	หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4				
	บ้านตลาดล่าง	ร้อยละ	บ้านคลองกลางบ้าน	ร้อยละ	บ้านปากคลองัด	ร้อยละ	บ้านหัวสะพาน	ร้อยละ	บ้านท้ายเกาะ	ร้อยละ	บ้านเกาะลอย	ร้อยละ	บ้านกรด	ร้อยละ	บ้านกรด	ร้อยละ	บ้านคลองควาย	ร้อยละ	บ้านโคกวัด	ร้อยละ	บ้านพาสน์	ร้อยละ	บ้านพาสน์	ร้อยละ	บ้านโพ	ร้อยละ	บ้านโพ	ร้อยละ	บ้านเกาะพระ	ร้อยละ	บ้านท่าแร่	ร้อยละ	บ้านเกาะพระ	ร้อยละ	บ้านสระกระจับ	ร้อยละ	บ้านสระกระจับ	ร้อยละ	บ้านวัดยม	ร้อยละ	บ้านวัดยม	ร้อยละ	บ้านวัดยม	ร้อยละ	บ้านกลางขุนแผน	ร้อยละ				
5.6.9 กิจกรรมตรวจสอบสุขภาพ																																																		
การรู้จัก																																																		
- ไม่รู้จัก	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	1	50.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0
- รู้จัก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	19	28.8	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	66	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
ความต้องการให้ดำเนินการต่อเนื่อง																																																		
- ไม่ต้องการ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ต้องการ	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	65	98.5	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	66	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
5.7 หากโรงไฟฟ้าบ้านโพ จัดกิจกรรมที่เป็นประโยชน์																																																		
- ยินดีเข้าร่วม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	65	98.5	2	100.0	2	100.0	2	100.0	2	100.0																		



รายละเอียด	องค์การบริหารส่วนตำบลวัดยม						องค์การบริหารส่วนตำบลบ้านเป้ง						องค์การบริหารส่วนตำบลบ้านหว้า										องค์การบริหารส่วนตำบลหนองหลวง						องค์การบริหารส่วนตำบลคู้งลาน																	
	หมู่ที่ 6 บ้านบางผี		หมู่ที่ 7 บ้านบางผี		หมู่ที่ 8 บ้านบางผี		หมู่ที่ 1 บ้านเป้ง		หมู่ที่ 2 บ้านเป้ง		หมู่ที่ 3 บ้านปูน		หมู่ที่ 4 บ้านโคกเจ็ก		หมู่ที่ 1 บ้านไผ่		หมู่ที่ 2 บ้านหว้า		หมู่ที่ 3 บ้านปากคลอง		หมู่ที่ 4 บ้านโรง		หมู่ที่ 5 บ้านหัวจระเข้		หมู่ที่ 6 บ้านนัยนาท		หมู่ที่ 7 บ้านเสาวังคา		หมู่ที่ 3 บ้านหนองหลวง		หมู่ที่ 4 บ้านเสากะโงะ		หมู่ที่ 5 บ้านเสากะโงะ		หมู่ที่ 1 บ้านทับแดง		หมู่ที่ 2 บ้านทับแดง		หมู่ที่ 3 บ้านคู้งลาน		หมู่ที่ 4 บ้านคู้งลาน		หมู่ที่ 5 บ้านคู้งลาน			
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ		
5.6.9 กิจกรรมตรวจสอบสุขภาพ																																														
การรู้จัก																																														
- ไม่รู้จัก	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	1	50.0	1	50.0	1	50.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0
- รู้จัก	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	1	50.0	1	50.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
ความต้องการให้ดำเนินการต่อเนื่อง																																														
- ไม่ต้องการ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ต้องการ	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
5.7 หากโรงไฟฟ้าบ้านโพ จัดกิจกรรมที่เป็นประโยชน์																																														
- ยินดีเข้าร่วม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0
- ไม่ยินดี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
ไม่ยินดี เนื่องจาก																																														
- ไม่สะดวก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ทำงาน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
5.8 ท่านต้องการให้ทางโรงไฟฟ้าบ้านโพ ส่งเสริมที่																																														
- ไม่ต้องการ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ต้องการ	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
ต้องการ ได้แก่ (ตอบได้มากกว่า 1 คำตอบ)																																														
- สนับสนุนด้านการศึกษา เช่น ทุนการศึกษา พัฒนาโรงเรียน มอบ อุปกรณ์การศึกษา	2	14.3	0	0.0	2	18.2	2	14.3	2	14.3	2	14.3	0	0.0	2	14.3	2	12.5	2	50.0	2	18.2	2	33.3	2	14.3	2	25.0	2	14.3	2	12.5	2	14.3	1	12.5	2	33.3	0	0.0						
- สนับสนุนด้านสุขภาพอนามัยของชุมชน	2	14.3	0	0.0	1	9.1	2	14.3	2	14.3	2	14.3	2	50.0	2	14.3	2	12.5	1	25.0	2	18.2	2	33.3	2	14.3	1	16.7	2	14.3	2	25.0	2	14.3	2	12.5	2	14.3	1	12.5	2	33.3	0	0.0		
- สนับสนุนด้านศาสนา และวัฒนธรรม เช่น ทำบุญบำรุงศาสนา ทอดผ้าป่า ร่วม กิจกรรมตามประเพณี	2	14.3	0	0.0	1	9.1	2	14.3	2	14.3	2	14																																		



รายละเอียด	องค์การบริหารส่วนตำบลดงลิง												องค์การบริหารส่วนตำบลบ้านพลับ										องค์การบริหารส่วนตำบลสามเรือน								องค์การบริหารส่วนตำบลบ้านบ่อตาโล่				รวมเขต อบต.		รวมทั้งหมด	
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 4		หมู่ที่ 8		หมู่ที่ 6		หมู่ที่ 7					
	บ้านสามง่าม	บ้านในคลอง	บ้านดงลิง	บ้านดงลิง	บ้านศาลเจ้า	บ้านคลองขวาง	บ้านหัวบ้าน	บ้านขายน้ำ	บ้านหลังน้ำ	บ้านกลาง	บ้านพลับ	บ้านหลวง	บ้านสามเรือน	บ้านขอม	บ้านเสาวังคา	บ้านงามผักตบ	บ้านเสาวังคา	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ			
5.6.9 กิจกรรมตรวจสอบสุขภาพ																																						
การรู้จัก																																						
- ไม่รู้จัก	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	82	78.8	129	75.9
- รู้จัก	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	22	21.2	41	24.1
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
ความต้องการให้ดำเนินการต่อเนื่อง																																						
- ไม่ต้องการ	1	50.0	1	50.0	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	8	7.7	9	5.3
- ต้องการ	1	50.0	1	50.0	1	50.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	96	92.3	161	94.7
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
5.7 หากโรงไฟฟ้าบ้านโพ จัดกิจกรรมที่เป็นประโยชน์																																						
- ยินดีเข้าร่วม	2	100.0	2	100.0	1	50.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	102	98.1	167	98.2		
- ไม่ยินดี	0	0.0	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	1.9	3	1.8		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
ไม่ยินดี เนื่องจาก																																						
- ไม่สะดวก	0	0.0	0	0.0	1	100.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.0	2	66.7		
- ทำงาน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3
รวม	0	0.0	0	0.0	1	100.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.0	3	100.0		
5.8 ท่านต้องการให้ทางโรงไฟฟ้าบ้านโพ ส่งเสริม																																						
- ไม่ต้องการ	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	1.9	3	1.8		
- ต้องการ	2	100.0	2	100.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	102	98.1	167	98.2		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
ต้องการ ได้แก่ (ตอบได้มากกว่า 1 คำตอบ)																																						
- สนับสนุนด้านการศึกษา เช่น ทุนการศึกษา พัฒนาโรงเรียน มอบ อุปกรณ์การศึกษา	2	15.4	1	20.0	1	20.0	2	33.3	2	13.3	1	16.7	2	14.3	2	33.3	2	12.5	2	14.3	2	14.3	2	66.7	0	0.0	2	14.3	2	5.9	2	15.4	2	14.3	86	15.2	146	15.5
- สนับสนุนด้านสุขภาพอนามัยของชุมชน	2	15.4	1	20.0	1	20.0	2	33.3	2	13.3	1	16.7	2	14.3	2	33.3	2	12.5	2	14.3	2	14.3	0	0.0	0	0.0	2	14.3	2	5.9	2	15.4	2	14.3	81	14.4	137	14.5
- สนับสนุนด้านศาสนา และวัฒนธรรม เช่น ทำบุญบำรุงศาสนา ทอดผ้าป่า ร่วม กิจกรรมตามประเพณี	2	15.4	0	0.0	1	20.0	0	0.0	2	13.3	0	0.0	2	14.3	2	33.3	2	12.5	2	14.3	2	14.3	0	0.0	0	0.0	2	14.3	2	5.9	2	15.4	2	14.3	68	12.1	123	13.0
- สนับสนุนด้านคุณภาพชีวิตและระบบ สาธาณูปโภคในชุมชน เช่น สนับสนุน อาชีพชุมชน รับแรงงานท้องถิ่น สนับสนุนน้ำดื่ม น้ำใช้ ฯลฯ	2	15.4	1	20.0	1	20.0	0	0.0	2	13.3	2	33.3	2	14.3	0	0.0	2	12.5	2	14.3	2	14.3	0	0.0	0	0.0	2	14.3	2	5.9	1	7.7	2	14.3	79	14.0	133	14.1
- สนับสนุนด้านกีฬา	2	15.4	0	0.0	1	20.0	0	0.0	2	13.3	0	0.0	2	14.3	0	0.0	2	12.5	2	14.3	2	14.3	0	0.0	0	0.0	2	14.3	2	5.9	2	15.4	2	14.3	70	12.4	121	12.8
- สนับสนุนงานด้านสาธารณประโยชน์ เช่น ปลูกต้นไม้ ทำความสะอาด ปล่อยสัตว์ น้ำลงสู่ทะเล	2	15.4	0	0.0	0	0.0	1	16.7	2	13.3	1	16.7	2	14.3	0	0.0	2	12.5	2	14.3	2	14.3	0	0.0	0	0.0	2	14.3	2	5.9	2	15.4	2	14.3	72	12.8	123	13.0
- ดูแลและจัดการปัญหามลพิษสิ่งแวดล้อม เช่น จัดการเรื่องกลิ่นเหม็น ฝุ่นละออง ขยะ น้ำเสีย	1	7.7	2	40.0	0	0.0	1	16.7	2	13.3	1	16.7	2	14.3	0	0.0	2	12.5	2	14.3	2	14.3	1	33.3	2	100.0	2	14.3	22	64.7	2	15.4	2	14.3	95	16.8	146	15.5
- อยากให้ช่วยเรื่องน้ำเสีย สนับสนุน โรงเรียน มีงบประมาณมาสนับสนุนเด็กๆ	0	0.0	0	0.0	0	0.0	0	0.0	1	6.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2	3	0.3
- เวลามารมอบทุนให้กับเด็กมีภูมณฑลเยอะ เกิน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.4	2	0.2		
- ตามคลองมีผักตบชวาอยากให้มีช่วย ชุมชนกำจัด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.4	2	0.2		
- จัดงานส่งเสริมอาชีพให้กับคนในชุมชน หรือส่วนหย่อมให้คนในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	0.5	3	0.3		
- เครื่องพ่นฆ่าเชื้อ ชุด PPE	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2																					



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รายละเอียด	เทศบาลตำบลบางปะอิน								เทศบาลตำบลบ้านกรด							รวมเขตเทศบาล		องค์การบริหารส่วนตำบลบ้านโพ										องค์การบริหารส่วนตำบลวัดยม																		
	หมู่ที่ 6 บ้านตลาดล่าง		หมู่ที่ 7 บ้านคลองกะบังบัน		หมู่ที่ 8 บ้านปากคลองลัด		หมู่ที่ 9 บ้านหัวสะแก		หมู่ที่ 10 บ้านท้ายเกาะ		หมู่ที่ 12 บ้านเกาะลอย		หมู่ที่ 8 บ้านกรด		หมู่ที่ 9 บ้านกรด			หมู่ที่ 10 บ้านคลองควาย		หมู่ที่ 11 บ้านโคกหว็ด		หมู่ที่ 1 บ้านพาสน์	หมู่ที่ 2 บ้านพาสน์	หมู่ที่ 3 บ้านโพ	หมู่ที่ 4 บ้านโพ	หมู่ที่ 5 บ้านเกาะพระ	หมู่ที่ 6 บ้านท่าแร่	หมู่ที่ 7 บ้านเกาะพระ	หมู่ที่ 8 บ้านสระกระจับ	หมู่ที่ 9 บ้านสระกระจับ	หมู่ที่ 1 บ้านวัดยม	หมู่ที่ 2 บ้านวัดยม	หมู่ที่ 3 บ้านวัดยม	หมู่ที่ 4 บ้านกลางขุนแผน												
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ										
	<b>ส่วนที่ 6 ผลกระทบและทัศนคติต่อการดำเนินงานของ</b>																																													
	<b>6.1 โครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลฟ์ ปี</b>																																													
<b>ผลดี</b>																																														
- ช่วยเรื่องการศึกษาของทางโรงเรียน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ช่วยรัฐบาลแบ่งเบาการผลิตไฟฟ้า	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ทำให้ชุมชนมีความเจริญมากขึ้น	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ทำให้ได้รับความสะดวกสบายเพิ่มมากขึ้น	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ทำให้ไฟฟ้าเพียงพอต่อความต้องการของชุม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	50.0		
- มีการสนับสนุนกิจกรรมในชุมชนและอยากให้ทำอย่างต่อเนื่อง	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	14	50.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0
- ติดภาคอุตสาหกรรมและชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0		
- เป็นตัวอย่างที่ดีในการบริหารจัดการและลดการปล่อยก๊าซเรือนกระจก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- มีกองทุนไฟฟ้า	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- มีการจ้างงานในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	50.0		
- ได้ความรู้มากขึ้น	0	0.0	0	0.0	0</																																									



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รายละเอียด	องค์การบริหารส่วนตำบลดิ่งชัน												องค์การบริหารส่วนตำบลบ้านพลับ										องค์การบริหารส่วนตำบลสามเรือน								องค์การบริหารส่วนตำบลบ้านบ่อตาโล่				รวมเขต อบต.		รวมทั้งหมด	
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 4		หมู่ที่ 8		หมู่ที่ 6		หมู่ที่ 7					
	บ้านสามง่าม	บ้านในคลอง	บ้านดิ่งชัน	บ้านดิ่งชัน	บ้านศาลเจ้า	บ้านคลองขวาง	บ้านหัวบ้าน	บ้านขายน้ำ	บ้านหลังน้ำ	บ้านกลาง	บ้านพลับ	บ้านหลวง	บ้านสามเรือน	บ้านขอม	บ้านเสาวังคา	บ้านงามผักตบ	บ้านเสาวังคา	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ			
ส่วนที่ 6 ผลกระทบและทัศนคติต่อการดำเนินงานขอ																																						
6.1 โครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลป์ ปี																																						
ผลดี																																						
- ช่วยเรื่องการศึกษาของทางโรงเรียน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.2	1	1.4
- ช่วยรัฐบาลแบ่งเบาการผลิตไฟฟ้า	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	4.4	2	2.7		
- ทำให้ชุมชนมีความเจริญมากขึ้น	0	0.0	0	0.0	0	0.0	0	0.0	2	66.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	4.4	9	12.3		
- ทำให้ได้รับความสะดวกสบายเพิ่มมากขึ้น	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	8.9	11	15.1		
- ทำให้ไฟฟ้าเพียงพอต่อความต้องการของชุม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	5	11.1	5	6.8		
- มีการสนับสนุนกิจกรรมในชุมชนและ อยากให้อย่างต่อเนื่อง	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	19	42.2	33	45.2		
- ดีต่อภาคอุตสาหกรรมและชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	4.4	2	2.7		
- เป็นตัวอย่างที่ดีในการบริหารจัดการและ ลดการปล่อยก๊าซเรือนกระจก	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.2	1	1.4		
- มีกองทุนไฟฟ้า	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	4.4	2	2.7		
- มีการจ้างงานในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	8.9	4	5.5		
- ได้ความรู้มากขึ้น	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.2	1	1.4		
- มีกองทุนไฟฟ้า	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- อาจมีแต่ไม่ครอบคลุมอาจได้บางพื้นที่	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	4.4	2	2.7		
รวม	1	100.0	0	0.0	0	0.0	0	0.0	3	100.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	1	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	45	100.0	73	100.0
ผลเสีย																																						
- ปัญหาด้านสิ่งแวดล้อม	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	8	61.5	11	64.7		
- ฝุ่นละออง	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	7.7	2	11.8		
- ยังไม่เห็นผลดี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	15.4	2	11.8		
- ยังไม่เห็นว่าจะเข้ามาช่วยชุมชนเลย	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	15.4	2	11.8		
รวม	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	2	100.0	13	100.0	17	100.0				
6.2 ท่านมีความพึงพอใจต่อการดูแลสังคมของใคร																																						
6.2.1 ด้านความปลอดภัยในกระบวนการผลิต																																						
- น้อยที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	3	2.9	4	2.4		
- น้อย	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8	7.7	13	7.6		
- ปานกลาง	2	100.0	0	0.0	1	50.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	54	51.9	77	45.3		
- มาก	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	1	50.0	0	0.0	0	0.0	38	36.5	69	40.6		
- มากที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	1	1.0	7	4.1		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	104	100.0	170	100.0		
ค่าเฉลี่ย	3.00		3.00		2.50		3.00		3.00		3.00		4.00		3.00		3.00		4.00		3.00		1.50		3.00		4.00		4.50		3.00		1.00		3.25		3.36	
6.2.2 ด้านสังคม			</																																			



[illegible]



รายละเอียด	เทศบาลตำบลบางปะอิน												เทศบาลตำบลบ้านกรวด						รวมเขตเทศบาล		องค์การบริหารส่วนตำบลบ้านโพ																องค์การบริหารส่วนตำบลวัดยม											
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 12		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10				หมู่ที่ 11		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4	
	บ้านตลาดล่าง	บ้านคลองกลางบ้าน	บ้านปากคลองสัตว์	บ้านหัวสะพาน	บ้านท้ายเกาะ	บ้านเกาะลอย	บ้านกรวด	บ้านกรวด	บ้านคลองควาย	บ้านโคกวัด	บ้านพาสน์	บ้านพาสน์	บ้านโพ	บ้านโพ	บ้านเกาะพระ	บ้านท่าแร่	บ้านเกาะพระ	บ้านสระกระจับ	บ้านสระกระจับ	บ้านวัดยม	บ้านวัดยม	บ้านวัดยม	บ้านกลางชุมชน																									
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ		
6.2.5 ด้านการดูแลสุขภาพของประชาชน																																																
- น้อยที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- น้อย	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ปานกลาง	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0
- มาก	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0		
- มากที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
ค่าเฉลี่ย	4.00		4.00		2.00		3.00		4.00		3.00		4.00		4.00		4.00		4.00		4.00		3.00		3.00		4.00		4.00		4.00		4.00		2.00		4.00		3.00		3.00		3.00		3.00			
6.2.6 การเปิดเผยข้อมูล																																																
- น้อยที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- น้อย	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ปานกลาง	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0
- มาก	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0		
- มากที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
ค่าเฉลี่ย	4.00		4.00		2.00		3.00		4.00		3.00		4.00		4.00		5.00		3.42		4.00		3.00		4.00		3.00		4.00		4.00		4.00		2.00		4.00		3.00		3.00		3.00					
6.3 โดยภาพรวมท่านมีความพึงพอใจระดับใด																																																
- มากที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	7	10.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- มาก	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	28	42.4	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0		
- ปานกลาง	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	28	42.4	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0		
- น้อย	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	3.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- น้อยที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ไม่มีความคิดเห็น	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	66	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
ส่วนที่ 7 ความเชื่อมั่น และความคิดเห็นต่อโรงไฟฟ้า																																																
7.1 ท่านมีความเชื่อมั่นต่อระบบการจัดการด้านสิ่งแวดล้อม																																																
- เชื่อมั่นสูง	0	0.0	2	100.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	18	27.3	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0		
- เชื่อมั่นพอสมควร (หากมีอุบัติเหตุสามารถแก้ไขหรือควบคุมได้ทัน)	0	0.0	0	0.0	2	100.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	40	60.6	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0		
- ไม่มีความเชื่อมั่น (เมื่อมีอุบัติเหตุไม่สามารถควบคุมได้)	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	3.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ไม่ทราบ/ไม่แน่ใจ	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6	9.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0				
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	66	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0		
7.2 ความคิดเห็นในภาพรวมของท่านที่มีต่อการดำเนินงาน																																																
- ผลประโยชน์มากกว่าผลเสีย	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0	25	37.9	2	100.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ผลเสียมากกว่าผลประโยชน์	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ไม่แสดงความคิดเห็น	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	40	60.6	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	66	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2</							



รายละเอียด	องค์การบริหารส่วนตำบลวัดยม						องค์การบริหารส่วนตำบลบ้านเป้ง						องค์การบริหารส่วนตำบลบ้านหว้า										องค์การบริหารส่วนตำบลหนองหลวง						องค์การบริหารส่วนตำบลคู้งลาน																	
	หมู่ที่ 6 บ้านบางมี		หมู่ที่ 7 บ้านบางมี		หมู่ที่ 8 บ้านบางมี		หมู่ที่ 1 บ้านเป้ง		หมู่ที่ 2 บ้านเป้ง		หมู่ที่ 3 บ้านปูน		หมู่ที่ 4 บ้านโคกเจ็ก		หมู่ที่ 1 บ้านไผ่		หมู่ที่ 2 บ้านหว้า		หมู่ที่ 3 บ้านปากคลอง		หมู่ที่ 4 บ้านโรง		หมู่ที่ 5 บ้านหัวจรเข้		หมู่ที่ 6 บ้านนัยนาท		หมู่ที่ 7 บ้านเสาวังคา		หมู่ที่ 3 บ้านหนองหลวง		หมู่ที่ 4 บ้านเสากระโดง		หมู่ที่ 5 บ้านเสากระโดง		หมู่ที่ 1 บ้านทับแดง		หมู่ที่ 2 บ้านทับแดง		หมู่ที่ 3 บ้านคู้งลาน		หมู่ที่ 4 บ้านคู้งลาน		หมู่ที่ 5 บ้านคู้งลาน			
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ		
6.2.5 ด้านการดูแลสุขภาพของประชาชน																																														
- น้อยที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- น้อย	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- ปานกลาง	2	100.0	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	1	50.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	1	50.0	1	50.0	2	100.0	2	100.0	2	100.0
- มาก	0	0.0	0	0.0	1	50.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0		
- มากที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0
ค่าเฉลี่ย	3.00		3.00		3.50		4.00		4.00		4.00		3.00		3.00		3.00		3.00		3.50		2.00		3.00		3.00		4.00		3.00		3.00		2.00		3.50		3.50		3.00		3.00			
6.2.6 การเปิดเผยข้อมูล																																														
- น้อยที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- น้อย	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ปานกลาง	2	100.0	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	1	50.0	1	50.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	1	50.0	2	100.0	2	100.0	2	100.0	2	100.0
- มาก	0	0.0	0	0.0	1	50.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0		
- มากที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0
ค่าเฉลี่ย	3.00		3.00		3.50		4.00		4.00		4.00		3.00		3.00		3.00		3.00		3.50		2.50		3.00		3.00		4.00		3.00		3.00		2.00		3.50		3.00		3.00					
6.3 โดยภาพรวมท่านมีความพึงพอใจระดับใด																																														
- มากที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- มาก	0	0.0	0	0.0	1	50.0	2	100.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0
- ปานกลาง	2	100.0	2	100.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	1	50.0	1	50.0	2	100.0	2	100.0	1	50.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	1	50.0	1	50.0	0	0.0	2	100.0	2	100.0
- น้อย	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- น้อยที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ไม่มีความคิดเห็น	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0		
รวม	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0
ส่วนที่ 7 ความเชื่อมั่น และความคิดเห็นต่อโรงไฟฟ้า																																														
7.1 ท่านมีความเชื่อมั่นต่อการบริหารจัดการด้านสิ่ง																										</																				



[illegible]



รายละเอียด	เทศบาลตำบลตลาดเกรียบ														เทศบาลตำบลคลองจิก														เทศบาลตำบลปราสาททอง								เทศบาลตำบลบางปะอิน									
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 11		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5	
	บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบเหนือ		บ้านตลาดเกรียบเหนือ		บ้านตลาดเกรียบเหนือ		บ้านคลองจิก		บ้านคลองลาว		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองหลุม		บ้านคลองหลุม		บ้านเสาวังคา		บ้านเลยเหนือ		บ้านเลยเหนือ		บ้านพราน		บ้านท้องคู้ง		บ้านเลยเหนือ		บ้านพราน		บ้านบางโหลง		บ้านสะพานหก	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ
ผลเสียมากกว่าผลประโยชน์ เพราะ																																														
- กระบวนการและการบริหารจัดการที่ปรึกษา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- ทำให้เกิดผลกระทบด้านสิ่งแวดล้อม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- ยังมีฝุ่นละอองเยอะ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- เกิดมลพิษทางน้ำ อากาศ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
รวม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
7.3 ข้อเสนอแนะอื่นๆ เกี่ยวกับโรงไฟฟ้าบ้านโพ																																														
- ไม่เคยร่วมมือกับชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
- ยังไม่มีผลกระทบด้านสิ่งแวดล้อมกับชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- สนับสนุนกิจกรรมในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- อยากได้ลานกิจกรรมและเครื่องออกกำลังกาย	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- อยากให้คุณภาพการควบคุมดูแลให้ได้คุณภาพสม่ำเสมอ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- อยากให้ทางโรงไฟฟ้ามาร่วมกับกิจกรรม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- อยากให้มีการเชิญผู้นำหรือองค์กร	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- อยากให้มีการสำรวจและมีการจัดกิจกรรม	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- อยากให้จัดสรรงบประมาณให้ชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- อยากให้ลงมาช่วยชุมชนช่วงโควิด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- อยู่ในเขตรศมีเวลามีอะไรไม่เคยได้รับเชิญ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0		
- ลงมาช่วยเด็กเล็กในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- อยากได้กังหันน้ำบำบัดน้ำเสียในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- อยากให้มาอบความรู้ให้กับคนในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- อยากให้มีความสัมพันธ์กับชุมชนสม่ำเสมอ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
รวม	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	1	100.0	0	0.0	0	0.0	0	0.0	2	100.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	1	100.0		



รายละเอียด	เทศบาลตำบลบางปะอิน												เทศบาลตำบลบ้านกรด								รวมเขตเทศบาล	องค์การบริหารส่วนตำบลบ้านโพ																องค์การบริหารส่วนตำบลวัดยม										
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 12		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 11			หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		
	บ้านตลาดล่าง	บ้านคลองกลางบ้าน	บ้านปากคลองลัด	บ้านหัวสะพาน	บ้านท้ายเกาะ	บ้านเกาะลอย	บ้านกรด	บ้านกรด	บ้านคลองควาย	บ้านโคกวัด	บ้านพาสน์	บ้านพาสน์	บ้านโพ	บ้านโพ	บ้านเกาะพระ	บ้านท่าแร่	บ้านเกาะพระ	บ้านสระกระจับ	บ้านสระกระจับ	บ้านวัดยม		บ้านวัดยม	บ้านวัดยม	บ้านกลางขุนแผน																								
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ		
ผลเสียมากกว่าผลประโยชน์ เพราะ																																																
- กระบวนการและการบริหารจัดการที่ประชา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ทำให้เกิดมลภาวะด้านสิ่งแวดล้อม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ยังมีฝุ่นละอองเยอะ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- เกิดมลพิษทางน้ำ อากาศ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
7.3 ข้อเสนอแนะอื่นๆ เกี่ยวกับโรงไฟฟ้าบ้านโพ																																																
- ไม่เคยร่วมมือกับชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ยังไม่มีผลกระทบด้านสิ่งแวดล้อมกับชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- สนับสนุนกิจกรรมในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- อยากได้ลานกิจกรรมและเครื่องออกกำลังกาย	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- อยากให้ดูมาตรการควบคุมดูแลให้ได้คุณภาพสม่ำเสมอ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0		
- อยากให้ทางโรงไฟฟ้าร่วมมือกับกิจกรรม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- อยากให้มีการเชิญผู้นำหรือองค์กร	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- อยากให้มีการสำรวจและมีการจัดกิจกรรม	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	13	65.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0
- อยากให้จัดสรรงบประมาณให้ชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- อยากให้ลงมาช่วยชุมชนช่วงโควิด	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- อยู่ในเขตรัศมีเวลามีอะไรไม่เคยได้รับเชิญ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ลงมาช่วยเด็กเล็กในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- อยากได้กังหันน้ำบำบัดน้ำเสียในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- อยากให้หมอบอบความรู้ให้กับคนในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- อยากให้มีความสัมพันธ์กับชุมชนสม่ำเสมอ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	2	100.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	20	100.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	2	100.0	2	100.0	2	100.0	2	100.0	2	100.0



รายละเอียด	องค์การบริหารส่วนตำบลวัดยม						องค์การบริหารส่วนตำบลบ้านเป้ง						องค์การบริหารส่วนตำบลบ้านหว้า														องค์การบริหารส่วนตำบลหนองหลวง						องค์การบริหารส่วนตำบลคู้งลาน															
	หมู่ที่ 6 บ้านบางผี		หมู่ที่ 7 บ้านบางผี		หมู่ที่ 8 บ้านบางผี		หมู่ที่ 1 บ้านเป้ง		หมู่ที่ 2 บ้านเป้ง		หมู่ที่ 3 บ้านปูน		หมู่ที่ 4 บ้านโคกเจ็ก		หมู่ที่ 1 บ้านไผ่		หมู่ที่ 2 บ้านหว้า		หมู่ที่ 3 บ้านปากคลอง		หมู่ที่ 4 บ้านโรง		หมู่ที่ 5 บ้านหัวจะเข้		หมู่ที่ 6 บ้านนัยนาท		หมู่ที่ 7 บ้านเสาวังคา		หมู่ที่ 3 บ้านหนองหลวง		หมู่ที่ 4 บ้านเสากระโดง		หมู่ที่ 5 บ้านเสากระโดง		หมู่ที่ 1 บ้านทับแดง		หมู่ที่ 2 บ้านทับแดง		หมู่ที่ 3 บ้านคู้งลาน		หมู่ที่ 4 บ้านคู้งลาน		หมู่ที่ 5 บ้านคู้งลาน					
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ				
ผลเสียมากกว่าผลประโยชน์ เพราะ																																																
- กระบวนการและการบริหารจัดการที่ประชา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ทำให้เกิดมลภาวะด้านสิ่งแวดล้อม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ยังมีฝุ่นละอองเยอะ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0				
- เกิดมลพิษทางน้ำ อากาศ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0						
7.3 ข้อเสนอแนะอื่นๆ เกี่ยวกับโรงไฟฟ้าบ้านโพ																																																
- ไม่เคยร่วมมือกับชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ยังไม่มีผลกระทบด้านสิ่งแวดล้อมกับชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- สนับสนุนกิจกรรมในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ย่อยภาคีลานกิจกรรมและเครื่องออกกำลังกาย	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ย่อยภาคีให้ดูมาตรการควบคุมดูแลให้ได้คุณภาพสม่ำเสมอ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ย่อยภาคีให้ทางโรงไฟฟ้ามาร่วมกับกิจกรรม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ย่อยภาคีให้มีการเชิญผู้นำหรือองค์การ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ย่อยภาคีมีการสำรวจและมีการจัดกิจกรรม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ย่อยภาคีให้จัดสรรงบประมาณให้ชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ย่อยภาคีให้ลงมาช่วยชุมชนช่วงโควิด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ย่อยภาคีในเขตรศมีเวลามีอะไรไม่เคยได้รับเชิญ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ลงมาช่วยเด็กเล็กในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ย่อยภาคีได้กังหันบำนนำเสียในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ย่อยภาคีให้มออบความรู้ให้กับคนในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ย่อยภาคีให้มีความสัมพันธ์กับชุมชนสม่ำเสมอ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0



รายละเอียด	องค์การบริหารส่วนตำบลตลิ่งชัน												องค์การบริหารส่วนตำบลบ้านพลับ										องค์การบริหารส่วนตำบลสามเรือน								องค์การบริหารส่วนตำบลบ้านบ่อตาโล่				รวมเขต อบต.		รวมทั้งหมด			
	หมู่ที่ 1 บ้านสามง่าม		หมู่ที่ 2 บ้านในคลอง		หมู่ที่ 3 บ้านตลิ่งชัน		หมู่ที่ 4 บ้านตลิ่งชัน		หมู่ที่ 5 บ้านศาลเจ้า		หมู่ที่ 6 บ้านคลองขวาง		หมู่ที่ 1 บ้านหัวบ้าน		หมู่ที่ 2 บ้านขายน้ํา		หมู่ที่ 3 บ้านหลังน้ํา		หมู่ที่ 4 บ้านกลาง		หมู่ที่ 5 บ้านพลับ		หมู่ที่ 1 บ้านหลวง		หมู่ที่ 2 บ้านสามเรือน		หมู่ที่ 4 บ้านขอม		หมู่ที่ 8 บ้านเสาวิงศา		หมู่ที่ 6 บ้านงามผักตบ		หมู่ที่ 7 บ้านเสาวิงศา							
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ				
ผลเสียมากกว่าผลประโยชน์ เพราะ																																								
- กระบวนการและการบริหารจัดการที่ประชา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	16.7
- ทำให้เกิดมลภาวะด้านสิ่งแวดล้อม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	40.0	2	33.3		
- ยังมีฝุ่นละอองเยอะ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	40.0	2	33.3		
- เกิดมลพิษทางน้ํา อากาศ	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	20.0	1	16.7		
รวม	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	5	100.0	6	100.0		
7.3 ข้อเสนอแนะอื่นๆ เกี่ยวกับโรงไฟฟ้าบ้านโพ																																								
- ไม่เคยร่วมมือกับชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.1
- ยังไม่มีผลกระทบด้านสิ่งแวดล้อมกับชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	7.1	2	4.2				
- สนับสนุนกิจกรรมในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- อยากได้ลานกิจกรรมและเครื่องออกกำลังกาย	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	4.2		
- อยากให้ดูมาตรการควบคุมดูแลให้ได้คุณภาพสม่ำเสมอ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6	21.4	6	12.5		
- อยากให้ทางโรงไฟฟ้าร่วมมือกับกิจกรรม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.1		
- อยากให้มีการเชิญผู้นำหรือองค์กร	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	3.6	1	2.1				
- อยากให้มีการสำรวจและมีการจัดกิจกรรม	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	12	42.9	25	52.1				
- อยากให้จัดสรรงบประมาณให้ชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	4	14.3	4	8.3		
- อยากให้ลงมาช่วยชุมชนช่วงโควิด	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	3.6	2	4.2				
- อยู่ในเขตพื้นที่เวลาเมื่อไรไม่เคยได้รับเชิญ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	7.1	4	8.3				
- ลงมาช่วยเด็กเล็กในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- อยากได้กั๊งหันปั๊มน้ำเสียในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- อยากให้มอบความรู้ให้กับคนในชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- อยากให้มีความสัมพันธ์กับชุมชนสม่ำเสมอ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	1	100.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	28	100.0	48	100.0		



รายละเอียด	เทศบาลตำบลลาดกระับ														เทศบาลตำบลคลองจิก								เทศบาลตำบลปราสาททอง								เทศบาลตำบลบางปะอิน								เทศบาลตำบลบางปะอิน																			
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 11		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 12															
	บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบใต้		บ้านตลาดเกรียบเหนือ		บ้านตลาดเกรียบเหนือ		บ้านตลาดเกรียบเหนือ		บ้านคลองจิก		บ้านคลองลาว		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองหลุม		บ้านคลองหลุม		บ้านเสาวังศา		บ้านโพเหนือ		บ้านโพเหนือ		บ้านพราน		บ้านท้องคุ้ง		บ้านโพเหนือ		บ้านพราน		บ้านบางโหลง		บ้านสะพานหก		บ้านตลาดล่าง		บ้านคลองกลางบ้าน		บ้านปากคลองลัด		บ้านหัวสะพาน		บ้านท้ายเกาะ		บ้านเกาะลอย	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ						
จำนวนผู้ตอบแบบสอบถาม	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	7	100.0	100	100.0	22	100.0	16	100.0	7	100.0	3	100.0	5	100.0	23	100.0	12	100.0	6	100.0	32	100.0	53	100.0	3	100.0	8	100.0	9	100.0	6	100.0	19	100.0	6	100.0	6	100.0	13	100.0	7	100.0	5	100.0
ส่วนที่ 1 ข้อมูลทั่วไปของผู้ตอบแบบสอบถาม																																																										
1.1 ข้อมูลทั่วไปของผู้ตอบแบบสอบถาม																																																										
1.1.1 เพศ																																																										
- ชาย	1	20.0	1	33.3	1	33.3	2	40.0	2	40.0	0	0.0	2	33.3	1	14.3	44	44.0	8	36.4	5	6.0	1	100.0	2	66.7	1	20.0	12	52.2	6	50.0	1	16.7	15	46.9	23	43.4	2	66.7	1	12.5	4	44.4	6	50.0	4	21.1	1	16.7	3	50.0	8	61.5	3	42.9	0	0.0
- หญิง	4	80.0	2	66.7	2	66.7	3	60.0	3	60.0	3	100.0	4	66.7	6	85.7	56	56.0	14	63.6	11	68.8	0	0.0	1	33.3	4	80.0	11	47.8	6	50.0	5	83.3	17	53.1	30	56.6	1	33.3	7	87.5	5	55.6	6	50.0	15	78.9	5	83.3	3	50.0	5	38.5	4	57.1	5	100.0
รวม	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	7	100.0	100	100.0	22	100.0	16	74.8	1	100.0	3	100.0	5	100.0	23	100.0	12	100.0	6	100.0	32	100.0	53	100.0	3	100.0	8	100.0	9	100.0	12	100.0	19	100.0	6	100.0	6	100.0	13	100.0	7	100.0	5	100.0
1.1.2 อายุ																																																										
- 20-30 ปี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	100.0	7	7.0	0	0.0	2	12.5	3	42.9	0	0.0	0	0.0	2	8.7	1	8.3	1	16.7	0	0.0	3	5.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	28.6	0	0.0		
- 31-40 ปี	0	0.0	0	0.0	0	0.0	2	40.0	0	0.0	0	0.0	0	0.0	0	0.0	21	21.0	5	22.7	4	25.0	0	0.0	0	0.0	0	0.0	2	8.7	1	8.3	1	16.7	0	0.0	10	18.9	0	0.0	1	12.5	1	11.1	0	0.0	1	5.3	0	0.0	0	0.0	1	7.7	0	0.0	0	0.0
- 41-50 ปี	0	0.0	1	33.3	0	0.0	1	20.0	2	40.0	1	33.3	1	16.7	0	0.0	26	26.0	8	36.4	2	12.5	0	0.0	1	33.3	1	20.0	10	43.5	1	8.3	0	0.0	11	34.4	18	34.0	2	66.7	4	50.0	2	22.2	2	33.3	5	26.3	1	16.7	1	16.7	5	38.5	3	42.9	1	20.0
- 51-60 ปี	3	60.0	0	0.0	0	0.0	2	40.0	3	60.0	0	0.0	2	33.3	0	0.0	29	29.0	6	27.3	6	37.5	3	42.9	1	33.3	1	20.0	7	30.4	4	33.3	2	33.3	9	28.1	16	30.2	1	33.3	0	0.0	1	11.1	4	66.7	5	26.3	1	16.7	2	33.3	3	23.1	1	14.3	2	40.0
- มากกว่า 60 ปี	2	40.0	2	66.7	3	100.0	0	0.0	0	0.0	2	66.7	3	50.0	0	0.0	17	17.0	3	13.6	2	12.5	1	14.3	1	33.3	3	60.0	2	8.7	5	41.7	2	33.3	12	37.5	6	11.3	0	0.0	3	37.5	4	44.4	0	0.0	8	42.1	4	66.7	3	50.0	4	30.8	1	14.3	2	40.0
รวม	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	7	100.0	100	100.0	22	100.0	16	100.0	7	100.0	3	100.0	5	100.0	23	100.0	12	100.0	6	100.0	32	100.0	53	100.0	3	100.0	8	100.0	9	100.0	6	100.0	19	100.0	6	100.0	6	100.0	13	100.0	7	100.0	5	100.0
1.1.3 ศาสนา																																																										
- พุทธ	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	7	100.0	99	102.1	22	100.0	16	100.0	7	116.7	3	100.0	5	125.0	23	104.5	12	100.0	6	100.0	32	100.0	51	96.2	3	100.0	8	100.0	9	100.0	6	100.0	18	94.7	6	100.0	6	100.0	13	100.0	7	100.0	5	100.0
- คริสต์	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	3.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- อิสลาม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
รวม	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	7	100.0	100	103.1	22	100.0	16	100.0	7	116.7	3	100.0	5	125.0	23	104.5	12	100.0	6	100.0																								



รายละเอียด	เทศบาลตำบลบ้านกรด								รวมเขตเทศบาล	องค์การบริหารส่วนตำบลบ้านโพ																องค์การบริหารส่วนตำบลวัดยม								องค์การบริหารส่วนตำบลบ้านเป้ง								องค์การบริหารส่วนตำบลบ้านหว้า																																																																																																																																																																																																																																																																																																																																																																																			
	หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 11			หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 5	หมู่ที่ 6	หมู่ที่ 7	หมู่ที่ 8	หมู่ที่ 9	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 6	หมู่ที่ 7	หมู่ที่ 8	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4



รายละเอียด	องค์การบริหารส่วนตำบลบ้านหัว				องค์การบริหารส่วนตำบลชนอนหลวง				องค์การบริหารส่วนตำบลคู้งลาน					องค์การบริหารส่วนตำบลคลังชั้น						องค์การบริหารส่วนตำบลบ้านพลับ						องค์การบริหารส่วนตำบลสามเรือน				องค์การบริหารส่วนตำบลบ้านบ่อตาโล่				รวมเขต อบต.		รวมทั้งหมด																						
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 4		หมู่ที่ 8		หมู่ที่ 6		หมู่ที่ 7		จำนวน	ร้อยละ	จำนวน	ร้อยละ										
	บ้านนัยนาท	บ้านเสาวังศา	บ้านชนอนหลวง	บ้านเสาศระโคง	บ้านเสาศระโคง	บ้านทับแดง	บ้านทับแดง	บ้านคู้งลาน	บ้านคู้งลาน	บ้านคู้งลาน	บ้านสามง่าม	บ้านโนนคลอง	บ้านตลิ่งชัน	บ้านตลิ่งชัน	บ้านศาลเจ้า	บ้านคลองขวาง	บ้านหัวบ้าน	บ้านขายน้ำ	บ้านหล้งน้ำ	บ้านกลาง	บ้านพลับ	บ้านหลวง	บ้านสามเรือน	บ้านขอม	บ้านเสาวังศา	บ้านจามผักตบ	บ้านเสาวังศา	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ																			
จำนวนผู้ตอบแบบสอบถาม	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	4	100.0	6	100.0	3	100.0	16	100.0	5	100.0	3	100.0	4	100.0	3	100.0	4	100.0	23	100.0	145	100.0	3	100.0	4	100.0	453	100.0	874	100.0								
ส่วนที่ 1 ข้อมูลทั่วไปของผู้ตอบแบบสอบถาม																																																										
1.1 ข้อมูลทั่วไปของผู้ตอบแบบสอบถาม																																																										
1.1.1 เพศ																																																										
- ชาย	3	30.0	4	100.0	1	33.3	2	50.0	1	25.0	5	83.3	3	60.0	0	0.0	12	34.3	4	66.7	2	50.0	2	33.3	1	33.3	6	37.5	2	40.0	2	66.7	1	25.0	0	0.0	3	75.0	2	50.0	4	44.4	8	34.8	55	37.9	2	66.7	1	33.3	2	50.0	2	50.0	179	39.5	352	40.3
- หญิง	7	70.0	0	0.0	2	66.7	2	50.0	3	75.0	1	16.7	2	40.0	4	100.0	23	65.7	2	33.3	2	50.0	4	66.7	2	66.7	10	62.5	3	60.0	1	33.3	3	75.0	3	100.0	1	25.0	2	50.0	5	55.6	15	65.2	90	62.1	1	33.3	2	66.7	2	50.0	2	50.0	274	60.5	522	59.7
รวม	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	4	100.0	6	100.0	3	100.0	16	100.0	5	100.0	3	100.0	4	100.0	3	100.0	4	100.0	9	100.0	23	100.0	145	100.0	3	100.0	3	100.0	4	100.0	4	100.0	453	100.0	874	100.0		
1.1.2 อายุ																																																										
- 20-30 ปี	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.9	1	16.7	0	0.0	0	0.0	1	33.3	0	0.0	1	20.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	11.1	1	4.3	7	4.8	0	0.0	1	33.3	1	25.0	0	0.0	20	4.4	49	5.6
- 31-40 ปี	3	30.0	0	0.0	0	0.0	0	0.0	0	0.0	1	16.7	0	0.0	0	0.0	6	17.1	1	16.7	2	50.0	0	0.0	0	0.0	3	18.8	1	20.0	0	0.0	1	25.0	1	33.3	1	25.0	0	0.0	0	0.0	5	21.7	30	20.7	0	0.0	0	0.0	0	0.0	2	50.0	67	14.8	118	13.5
- 41-50 ปี	2	20.0	0	0.0	2	66.7	1	25.0	1	25.0	2	33.3	1	20.0	0	0.0	14	40.0	3	50.0	0	0.0	1	16.7	1	33.3	2	12.5	0	0.0	1	33.3	0	0.0	1	33.3	1	25.0	0	0.0	3	33.3	4	17.4	51	35.2	2	66.7	0	0.0	1	25.0	0	0.0	124	27.4	242	27.7
- 51-60 ปี	3	30.0	3	75.0	0	0.0	3	75.0	0	0.0	1	16.7	1	20.0	3	75.0	7	20.0	1	16.7	2	50.0	4	66.7	1	33.3	3	18.8	1	20.0	1	33.3	1	25.0	1	33.3	0	0.0	2	50.0	1	11.1	7	30.4	29	20.0	1	33.3	1	33.3	1	25.0	0	0.0	118	26.0	239	27.3
- มากกว่า 60 ปี	2	20.0	1	25.0	1	33.3	0	0.0	3	75.0	2	33.3	3	60.0	1	25.0	7	20.0	0	0.0	0	0.0	1	16.7	0	0.0	8	50.0	2	40.0	1	33.3	2	50.0	0	0.0	2	50.0	4	44.4	6	26.1	28	19.3	0	0.0	1	33.3	1	25.0	2	50.0	124	27.4	226	25.9		
รวม	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	4	100.0	6	100.0	3	100.0	16	100.0	5	100.0	3	100.0	4	100.0	3	100.0	4	100.0	9	100.0	23	100.0	145	100.0	3	100.0	3	100.0	4	100.0	4	100.0	453	100.0	874	100.0		
1.1.3 ศาสนา																																																										
- พุทธ	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	33	94.3	6	100.0	4	100.0	6	100.0	3	100.0	16	100.0	5	100.0	3	100.0	4	100.0	3	100.0	2	50.0	0	0.0	3	33.3	23	100.0	145	100.0	3	100.0	3	100.0	4	100.0	4	100.0	435	96.0	850	97.3
- คริสต์	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	0.3		
- อิสลาม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	5.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	50.0	4	100.0	6	66.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	18	4.0	21	2.4		
รวม	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	4	100.0	6	100.0	3	100.0	16	100.0	5	100.0	3	100.0	4	100.0																								



[illegible]



[illegible]



[illegible]



รายละเอียด	เทศบาลตำบลลาดกระเทียม														เทศบาลตำบลคลองจิก														เทศบาลตำบลปราสาททอง								เทศบาลตำบลบางปะอิน								เทศบาลตำบลบางปะอิน																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 11		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 12																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	บ้านตลาดกระเทียมใต้				บ้านตลาดกระเทียมใต้				บ้านตลาดกระเทียมใต้				บ้านตลาดกระเทียมเหนือ				บ้านตลาดกระเทียมเหนือ				บ้านตลาดกระเทียมเหนือ				บ้านคลองจิก				บ้านคลองลาว				บ้านคลองทราย				บ้านคลองทราย				บ้านคลองทราย				บ้านคลองหลุม				บ้านคลองหลุม				บ้านเสาวังคา				บ้านโพเหนือ				บ้านโพเหนือ				บ้านพราน				บ้านท้องคุ้ง				บ้านโพเหนือ				บ้านพราน				บ้านบางโพ				บ้านสะพานหก				บ้านตลาดล่าง				บ้านคลองกลางบ้าน				บ้านปากคลองสัตว์				บ้านหัวสะพาน				บ้านท้ายเกาะ				บ้านเกาะลอย																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน



รายละเอียด	เทศบาลตำบลบ้านกรวด								รวมเขตเทศบาล		องค์การบริหารส่วนตำบลบ้านโพ																องค์การบริหารส่วนตำบลวัดยม								องค์การบริหารส่วนตำบลบ้านเป้ง								องค์การบริหารส่วนตำบลบ้านหว้า															
	หมู่ที่ 8 บ้านกรวด		หมู่ที่ 9 บ้านกรวด		หมู่ที่ 10 บ้านคลองควาย		หมู่ที่ 11 บ้านโคกวัด				หมู่ที่ 1 บ้านพาสน์		หมู่ที่ 2 บ้านพาสน์		หมู่ที่ 3 บ้านโพ		หมู่ที่ 4 บ้านโพ		หมู่ที่ 5 บ้านเกาะพระ		หมู่ที่ 6 บ้านท่าแร่		หมู่ที่ 7 บ้านเกาะพระ		หมู่ที่ 8 บ้านสระกระเจ็ด		หมู่ที่ 9 บ้านสระกระเจ็ด		หมู่ที่ 1 บ้านวัดยม		หมู่ที่ 2 บ้านวัดยม		หมู่ที่ 3 บ้านวัดยม		หมู่ที่ 4 บ้านกลางชุมชนผน		หมู่ที่ 6 บ้านบางฝั		หมู่ที่ 7 บ้านบางฝั		หมู่ที่ 8 บ้านบางฝั		หมู่ที่ 1 บ้านเป้ง		หมู่ที่ 2 บ้านเป้ง		หมู่ที่ 3 บ้านปูน		หมู่ที่ 4 บ้านโคกเจ็ก		หมู่ที่ 1 บ้านไผ่		หมู่ที่ 2 บ้านหว้า		หมู่ที่ 3 บ้านปากคลอง		หมู่ที่ 4 บ้านโรง	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ																																																
จำนวนผู้ตอบแบบสอบถาม	6	100.0	6	100.0	4	100.0	7	100.0	421	100.0	4	100.0	5	100.0	4	100.0	6	100.0	4	100.0	2	100.0	5	100.0	4	100.0	7	100.0	4	100.0	3	100.0	4	100.0	3	100.0	6	100.0	4	100.0	12	100.0	7	100.0	5	100.0	8	100.0	5	100.0	4	100.0	8	100.0				
- อสม.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0								
- สมาชิกสภาองค์การบริหารส่วนตำบล	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0								
- พนักงานราชการ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0								
- ผู้ช่วยผู้ใหญ่บ้าน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0								
- ช่างวัน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0								
- ไม่ระบุ	0	0.0	0	0.0	0	0.0	0	0.0	3	0.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	20.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0								
รวม	6	100.0	6	100.0	4	100.0	7	100.0	421	100.0	4	100.0	5	100.0	4	100.0	6	100.0	4	100.0	2	100.0	5	100.0	4	100.0	7	100.0	4	100.0	3	100.0	4	100.0	3	100.0	6	100.0	4	100.0	12	100.0	7	100.0	5	100.0	8	100.0	5	100.0	4	100.0	8	100.0				
2.3 อาชีพทรง / อาชีพเสริมของท่าน (ตอบได้มาก)			</																																																							



รายละเอียด	องค์การบริหารส่วนตำบลบ้านหว้า				องค์การบริหารส่วนตำบลหนองหลวง				องค์การบริหารส่วนตำบลคู้งลาน						องค์การบริหารส่วนตำบลดงลิงชั้น						องค์การบริหารส่วนตำบลบ้านพลับ						องค์การบริหารส่วนตำบลสามเรือน						องค์การบริหารส่วนตำบลบ้านบ่อคำใต้		รวมเขต อบต.	รวมทั้งหมด																						
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5							หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 4		หมู่ที่ 8		หมู่ที่ 6		หมู่ที่ 7										
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ				จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ											
จำนวนผู้ตอบแบบสอบถาม	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	4	100.0	6	100.0	3	100.0	16	100.0	5	100.0	3	100.0	4	100.0	3	100.0	4	100.0	4	100.0	9	100.0	23	100.0	145	100.0	3	100.0	3	100.0	4	100.0	4	100.0	453	100.0	874	100.0
- อสม.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2	1	0.1				
- สมาชิกสภาองค์การบริหารส่วนตำบล	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2	1	0.1						
- พนักงานราชการ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	6.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2	1	0.1						
- ผู้ช่วยผู้ใหญ่บ้าน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	20.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2	1	0.1						
- ชั้ววิน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2	1	0.1						
- ไม่ระบุ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2	4	0.5								
รวม	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	4	100.0	6	100.0	3	100.0	16	100.0	5	100.0	3	100.0	4	100.0	3	100.0	4	100.0	9	100.0	23	100.0	145	100.0	3	100.0	3	100.0	4	100.0	4	100.0	453	100.0	874	100.0		
2.3 อาชีพพรอง / อาชีพเสริมของท่าน (ตอบได้มาก)																																																										
- ไม่มี	10	100.0	2	50.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	34	97.1	6	100.0	4	100.0	5	83.3	3	100.0	15	93.8	4	80.0	2	66.7	4	100.0	3	100.0	4	100.0	4	100.0	9	100.0	23	100.0	143	98.6	3	100.0	3	100.0	4	100.0	4	100.0	440	97.1	854	97.7
- มี	0	0.0	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.9	0	0.0	0	0.0	0	0.0	1	6.3	1	20.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	1.4	0	0.0	0	0.0	0	0.0	0	0.0	13	2.9	20	2.3				
รวม	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	4	100.0	6	100.0	3	100.0	16	100.0	5	100.0	3	100.0	4	100.0	3	100.0	4	100.0	9	100.0	23	100.0	145	100.0	3	100.0	3	100.0	4	100.0	4	100.0	453	100.0	874	100.0		
มีอาชีพพรอง / อาชีพเสริม โปรดระบุ																																																										
- เกษตรกรรม	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	30.8	6	30.0						
- พนักงานโรงงาน/พนักงานบริษัท	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	7.7	1	5.0						
- ค้าขาย/ ธุรกิจส่วนตัว	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	30.8	7	35.0				
- รับจ้างทั่วไป	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	15.4	4	20.0								
- รับเลี้ยงเด็ก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	7.7	1	5.0								
- แม่บ้าน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0																																					



[illegible]



[illegible]



รายละเอียด	องค์การบริหารส่วนตำบลบ้านหว้า						องค์การบริหารส่วนตำบลหนองหลวง						องค์การบริหารส่วนตำบลทุ่งลาน						องค์การบริหารส่วนตำบลลิ้นช้าง								องค์การบริหารส่วนตำบลพันสับ									องค์การบริหารส่วนตำบลสามเรือน								องค์การบริหารส่วนตำบลบ่อตาโล่				รวมเขต อบต.	รวมทั้งหมด									
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 4		หมู่ที่ 8		หมู่ที่ 6		หมู่ที่ 7															
	บ้านนัยนาท		บ้านเสาว์จลา		บ้านซอนหลวง		บ้านเสากระโจง		บ้านเสากระโดง		บ้านทับแดง		บ้านทับแดง		บ้านคู้้งาน		บ้านคู้้งาน		บ้านคู้้งาน		บ้านคู้้งาน		บ้านคู้้งาน		บ้านคู้้งาน		บ้านคู้้งาน		บ้านคู้้งาน		บ้านคู้้งาน		บ้านคู้้งาน		บ้านคู้้งาน		บ้านคู้้งาน		บ้านคู้้งาน		บ้านคู้้งาน		บ้านคู้้งาน															
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ														
จำนวนผู้ตอบแบบสอบถาม	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	4	100.0	4	100.0	6	100.0	16	100.0	5	100.0	3	100.0	4	100.0	3	100.0	4	100.0	9	100.0	23	100.0	145	100.0	3	100.0	3	100.0	4	100.0	453	100.0	874	100.0				
3.2 ถ้าเคย โรคที่เจ็บป่วย หรืออาการที่พบบ่อย มี?																																																										
- โรคหวัด ทางเดินหายใจ	0	0.0	0	0.0	1	33.3	1	25.0	0	0.0	1	33.3	0	0.0	0	0.0	7	36.8	2	28.6	1	25.0	1	12.5	2	40.0	0	0.0	1	10.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	6	28.6	20	22.5	0	0.0	0	0.0	1	25.0	0	0.0	59	20.0	113	20.9		
- โรคเกี่ยวกับระบบทางเดินอาหาร	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0	1	14.3	1	25.0	0	0.0	0	0.0	0	0.0	1	20.0	0	0.0	0	0.0	0	0.0	2	9.5	2	2.2	0	0.0	0	0.0	0	0.0	0	0.0	10	3.4	17	3.1						
- โรคเกี่ยวกับการบริโภคเนื้อและกระดูก	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	10.0	1	20.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.1	0	0.0	0	0.0	1	25.0	0	0.0	8	2.7	13	2.4				
- โรคความดัน/โรคเกี่ยวกับระบบไหลเวียนเลือด	0	0.0	1	50.0	0	0.0	2	50.0	1	25.0	0	0.0	1	50.0	0	0.0	5	26.3	1	14.3	1	25.0	3	37.5	1	20.0	0	0.0	1	10.0	0	0.0	2	40.0	0	0.0	0	0.0	1	33.3	3	50.0	4	19.0	23	25.8	0	0.0	1	50.0	1	25.0	0	0.0	74	25.1	146	27.0
- โรคเกี่ยวกับบุุ/ ตา/ ฟัน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	5.3	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.1	0	0.0	0	0.0	1	25.0	0	0.0	5	1.7	7	1.3						
- โรคผิวหนังและภูมิแพ้	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	5.3	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	20.0	0	0.0	0	0.0	0	0.0	6	6.7	0	0.0	0	0.0	0	0.0	10	3.4	22	4.1						
- โรคเบาหวาน/ความดัน	0																																																									



รายละเอียด	เทศบาลตำบลลาดกระเทียม														เทศบาลตำบลคลองจิก								เทศบาลตำบลปราสาททอง								เทศบาลตำบลบางปะอิน								เทศบาลตำบลบางปะอิน																			
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 11		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 12	
	บ้านตลาดกระเทียมใต้		บ้านตลาดกระเทียมใต้		บ้านตลาดกระเทียมใต้		บ้านตลาดกระเทียมใต้		บ้านตลาดกระเทียมเหนือ		บ้านตลาดกระเทียมเหนือ		บ้านตลาดกระเทียมเหนือ		บ้านคลองจิก		บ้านคลองลาว		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองหลุม		บ้านคลองหลุม		บ้านสาวังคา		บ้านโพเหนือ		บ้านโพเหนือ		บ้านพราน		บ้านท้องคั้ง		บ้านโพเหนือ		บ้านพราน		บ้านบางโพง		บ้านสะพานหก		บ้านตลาดล่าง		บ้านคลองกลางบ้าน		บ้านปากคลองสัตว์		บ้านหัวสะพาน		บ้านท้ายเกาะ		บ้านเกาะลอย	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ				
จำนวนผู้ตอบแบบสอบถาม	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	7	100.0	100	100.0	22	100.0	16	100.0	7	100.0	3	100.0	5	100.0	23	100.0	12	100.0	6	100.0	32	100.0	53	100.0	3	100.0	8	100.0	9	100.0	6	100.0	19	100.0	6	100.0	6	100.0	13	100.0	7	100.0	5	100.0
3.6.2 ปัญหาน้ำบริโภค (น้ำดื่ม) ในครัวเรือนของท่าน																																																										
- ไม่มีปัญหา	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	7	100.0	100	100.0	22	100.0	16	100.0	7	100.0	3	100.0	5	100.0	23	100.0	12	100.0	6	100.0	32	100.0	53	3.0	3	100.0	8	100.0	9	100.0	6	100.0	19	100.0	6	100.0	6	100.0	13	100.0	7	100.0	5	100.0
- มีปัญหา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	7	100.0	100	100.0	22	100.0	16	100.0	7	100.0	3	100.0	5	100.0	23	100.0	12	100.0	6	100.0	32	100.0	53	3.0	3	100.0	8	100.0	9	100.0	6	100.0	19	100.0	6	100.0	6	100.0	13	100.0	7	100.0	5	100.0
มีปัญหา ได้แก่ (ตอบได้มากกว่า 1 ข้อ)																																																										
- ระบบประปาของหมู่บ้านมีปัญหา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
- ค่าใช้จ่าย	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
รวม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
3.6.3 ท่านมีการปรับปรุงคุณภาพน้ำก่อนดื่มหรือไม่																																																										
- ไม่ได้ทำอะไรเลย	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	7	100.0	99	99.0	22	100.0	16	100.0	5	71.4	3	100.0	5	100.0	23	100.0	12	100.0	5	83.3	31	96.9	51	96.2	3	100.0	7	87.5	6	66.7	6	100.0	18	94.7	5	83.3	6	100.0	12	92.3	7	100.0	4	80.0
- ดื่ม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- กรอง	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.0	0	0.0	0	0.0	2	28.6	0	0.0	0	0.0	0	0.0	0	0.0	1	16.7	1	3.1	2	3.8	0	0.0	1	12.5	3	33.3	0	0.0	1	5.3	1	16.7	0	0.0	1	7.7	0	0.0	1	20.0
รวม	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	7	100.0	100	100.0	22	100.0	16	100.0	7	100.0	3	100.0	5	100.0	23	100.0	12	100.0	6	100.0	32	100.0	53	100.0	3	100.0	8	100.0	9	100.0	6	100.0	19	100.0	6	100.0	6	100.0	13	100.0	7	100.0	5	100.0
3.6.4 ปริมาณน้ำบริโภค (น้ำดื่ม) เพียงพอหรือไม่																																																										
- เพียงพอ	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	6	100.0	6	100.0	7	100.0	100	100.0	22	100.0	16	100.0	7	100.0	3	100.0	5	100.0	23	100.0	12	100.0	6	100.0	32	100.0	53	100.0	3	100.0	8	100.0	9	100.0	6	100.0	19	100.0	6	100.0	6	100.0	13	100.0	7	100.0	5	100.0
- ไม่เพียงพอ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	6	100.0	6	100.0	7	100.0	100	100.0	22	100.0	16	100.0	7	100.0	3	100.0	5	100.0	23	100.0	12	100.0	6	100.0	32	100.0	53	100.0	3	100.0	8	100.0	9	100.0	6	100.0	19	100.0	6	100.0	6	100.0	13	100.0	7	100.0	5	100.0
3.7 แหล่งน้ำอุปโภค (น้ำสำหรับซักล้าง น้ำใช้) ในครัวเรือน																																																										



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รายละเอียด	องค์การบริหารส่วนตำบลบ้านหว้า				องค์การบริหารส่วนตำบลชนหลวง				องค์การบริหารส่วนตำบลคลังจาน					องค์การบริหารส่วนตำบลดงช้าง						องค์การบริหารส่วนตำบลบ้านพลับ						องค์การบริหารส่วนตำบลสามเรือน						องค์การบริหารส่วนตำบลบ้านบ่อคำใต้				รวมเขต อบค.	รวมทั้งหมด																					
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 4		หมู่ที่ 8		หมู่ที่ 6		หมู่ที่ 7																									
	บ้านนันทา	บ้านเสาวังคา	บ้านชนอนหลวง	บ้านเสากะโคง	บ้านเสากะโคง	บ้านทับแดง	บ้านทับแดง	บ้านคลังจาน	บ้านคลังจาน	บ้านคลังจาน	บ้านสามง่าม	บ้านในคลอง	บ้านดงช้าง	บ้านดงช้าง	บ้านศาลเจ้า	บ้านคลองขวาง	บ้านหัวบ้าน	บ้านขายน้า	บ้านหลังน้ำ	บ้านกลาง	บ้านพลับ	บ้านหลวง	บ้านสามเรือน	บ้านขอม	บ้านเสาวังคา	บ้านจามฝักคบ	บ้านเสาวังคา																															
จำนวนผู้ตอบแบบสอบถาม	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	4	100.0	6	100.0	3	100.0	16	100.0	5	100.0	3	100.0	4	100.0	3	100.0	4	100.0	23	100.0	145	100.0	3	100.0	3	100.0	4	100.0	4	100.0	453	100.0	874	100.0				
3.6.2 ปัญหาในบริเวณ (น้ำดื่ม) ในครัวเรือนของท่าน																																																										
- ไม่มีปัญหา	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	3	75.0	6	100.0	3	100.0	16	100.0	5	83.3	3	100.0	4	100.0	3	100.0	4	100.0	4	100.0	9	100.0	23	100.0	145	100.0	3	100.0	3	100.0	4	100.0	4	100.0	451	99.6	872	99.8
- มีปัญหา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	16.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.4	2	0.2		
รวม	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	4	100.0	6	100.0	3	100.0	16	100.0	6	100.0	3	100.0	4	100.0	3	100.0	4	100.0	9	100.0	23	100.0	145	100.0	3	100.0	3	100.0	4	100.0	4	100.0	453	100.0	874	100.0		
มีปัญหา ได้แก่ (ตอบได้มากกว่า 1 ข้อ)																																																										
- ระบบประปาของหมู่บ้านมีปัญหา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	1	50.0		
- ค่าใช้จ่าย	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	16.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	1	50.0		
รวม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	1	16.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0				
3.6.3 ท่านมีการปรับปรุงคุณภาพน้ำก่อนดื่มหรือไม่																																																										
- ไม่ได้ทำอะไรเลย	6	60.0	3	75.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	4	100.0	4	66.7	3	100.0	7	43.8	4	80.0	1	33.3	4	100.0	3	100.0	4	100.0	4	100.0	9	100.0	23	100.0	141	97.2	3	100.0	3	100.0	4	100.0	4	100.0	427	94.3	832	95.2
- ดื่ม	1	10.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6	37.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	1.5	7	0.8				
- กรอง	3	30.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	33.3	0	0.0	3	18.8	1	20.0	2	66.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	2.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	19	4.2	35	4.0
รวม	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	4	100.0	6	100.0	3	100.0	16	100.0	5	100.0	3	100.0	4	100.0	3	100.0	4	100.0	9	100.0	23	100.0	145	100.0	3	100.0	3	100.0	4	100.0	4	100.0	453	100.0	874	100.0		
3.6.4 ปริมาณน้ำบริโภค (น้ำดื่ม) เพียงพอหรือไม่																																																										
- เพียงพอ	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	4	100.0	6	100.0	3	100.0	16	100.0	5	100.0	3	100.0	4	100.0	3	100.0	4	100.0	9	100.0	23	100.0	145	100.0	3	100.0	3	100.0	4	100.0	4	100.0	4	100.0	453	100.0	877	100.0
- ไม่เพียงพอ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	4	100.0	6	100.0	3	100.0	16	100.0	5	100.0	3	100.0	4	100.0	3	100.0	4	100.0	9	100.0	23	100.0	145	100.0	3	100.0	3	100.0	4	100.0	4	100.0	4	100.0	453	100.0	877	100.0
3.7 แหล่งน้ำอุปโภค (น้ำสำหรับซักล้าง น้ำใช้) ใน																																																										



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รายละเอียด	เทศบาลตำบลบ้านปรก								รวมเขตเทศบาล		องค์การบริหารส่วนตำบลบ้านโพ																องค์การบริหารส่วนตำบลวัดยม								องค์การบริหารส่วนตำบลบ้านแป้ง								องค์การบริหารส่วนตำบลบ้านหว้า															
	หมู่ที่ 8 บ้านกรด		หมู่ที่ 9 บ้านกรด		หมู่ที่ 10 บ้านคลองควาย		หมู่ที่ 11 บ้านโคกวัด				หมู่ที่ 1 บ้านพาสน		หมู่ที่ 2 บ้านพาสน์		หมู่ที่ 3 บ้านโพ		หมู่ที่ 4 บ้านโพ		หมู่ที่ 5 บ้านเกาะพระ		หมู่ที่ 6 บ้านท่าแร่		หมู่ที่ 7 บ้านเกาะพระ		หมู่ที่ 8 บ้านสระกระจับ		หมู่ที่ 9 บ้านสระกระจับ		หมู่ที่ 1 บ้านวัดยม		หมู่ที่ 2 บ้านวัดยม		หมู่ที่ 3 บ้านวัดยม		หมู่ที่ 4 บ้านกลางชุมแพน		หมู่ที่ 6 บ้านบางผี		หมู่ที่ 7 บ้านบางผี		หมู่ที่ 8 บ้านบางผี		หมู่ที่ 1 บ้านแป้ง		หมู่ที่ 2 บ้านแป้ง		หมู่ที่ 3 บ้านปูน		หมู่ที่ 4 บ้านโคกเจ็ก		หมู่ที่ 1 บ้านไผ่		หมู่ที่ 2 บ้านหว้า		หมู่ที่ 3 บ้านปากคลอง		หมู่ที่ 4 บ้านโรง	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ						
จำนวนผู้ตอบแบบสอบถาม	6	100.0	6	100.0	4	100.0	7	100.0	421	100.0	4	100.0	5	100.0	4	100.0	4	100.0	2	100.0	5	100.0	4	100.0	7	100.0	4	100.0	3	100.0	4	100.0	6	100.0	6	100.0	4	100.0	3	100.0	5	100.0	4	100.0	12	100.0	7	100.0	5	100.0	8	100.0	5	100.0	4	100.0	8	100.0
3.8.1 ปัญหาเพื่อการเกษตร มีหรือไม่																																																										
- ไม่มีปัญหา	0	0.0	0	0.0	0	0.0	0	0.0	11	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	1	100.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	1	100.0	1	100.0	2	100.0	2	100.0	2	100.0	8	100.0						
- มีปัญหา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0						
รวม	0	0.0	0	0.0	0	0.0	0	0.0	11	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	1	100.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	2	100.0	2	100.0	2	100.0	8	100.0										
มีปัญหา ได้แก่																																																										
- กัญแดง	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0								
รวม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0								
3.8.2 ปริมาณน้ำเพื่อการเกษตรเพียงพอหรือไม่																																																										
- เพียงพอ	0	0.0	0	0.0	0	0.0	0	0.0	11	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0	1	0.																																				



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[illegible]



[illegible]



รายละเอียด	องค์การบริหารส่วนตำบลบ้านหัว				องค์การบริหารส่วนตำบลเขื่อนหลวง					องค์การบริหารส่วนตำบลคู้งลาน					องค์การบริหารส่วนตำบลสิงห์										องค์การบริหารส่วนตำบลบ้านพลับ										องค์การบริหารส่วนตำบลสามเรือน								องค์การบริหารส่วนตำบลบ้านปลาค้าง				รวมเขต อบท.	รวมทั้งหมด										
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 5	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 5	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 5	หมู่ที่ 6	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 3	หมู่ที่ 4	หมู่ที่ 5	หมู่ที่ 1	หมู่ที่ 2	หมู่ที่ 4	หมู่ที่ 8	หมู่ที่ 6	หมู่ที่ 7																													
	บ้านนันท	บ้านสาวรี	บ้านเขื่อนหลวง	บ้านสาครโรง																										บ้านสาครโรง	บ้านทับแดง	บ้านทับแดง	บ้านคู้งลาน	บ้านคู้งลาน	บ้านคู้งลาน	บ้านสามงาม	บ้านในคลอง	บ้านคิงขัน	บ้านคิงขัน	บ้านคิงขัน	บ้านคิงขัน	บ้านคิงขัน	บ้านคิงขัน	บ้านหัวบ้าน	บ้านยายน้ำ	บ้านหลังน้ำ			บ้านกลาง	บ้านพลับ	บ้านหลวง	บ้านสามเรือน	บ้านขอม	บ้านสาวรี	บ้านงามผัดบก	บ้านสาวรี		
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ																				
จำนวนผู้ตอบแบบสอบถาม	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	4	100.0	3	100.0	4	100.0	3	100.0	4	100.0	4	100.0	453	100.0	874	100.0																						
ต้องการทราบ เรื่อง																																																										
- กิจกรรม/ขั้นตอนการผลิต	7	14.3	0	0.0	0	0.0	1	20.0	0	0.0	1	16.7	0	0.0	0	0.0	6	14.3	0	0.0	3	12.0	1	11.1	0	0.0	4	6.2	1	14.3	1	25.0	0	0.0	0	0.0	4	12.1	9	7.2	0	0.0	1	25.0	1	20.0	0	0.0	60	10.2	101	9.5						
- มาตราการป้องกัน และลดผลกระทบ	8	16.3	0	0.0	0	0.0	1	20.0	0	0.0	0	0.0	0	0.0	0	0.0	6	14.3	0	0.0	3	12.0	1	11.1	2	22.2	12	18.5	1	14.3	2	50.0	0	0.0	2	100.0	1	33.3	1	20.0	2	100.0	8	24.2	33	26.4	0	0.0	1	25.0	0	0.0	1	20.0	115	19.6	202	19.0
- การมีส่วนร่วมของบริษัฯ กับชุมชน	7	14.3	1	100.0	0	0.0	2	40.0	0	0.0	1	16.7	0	0.0	0	0.0	8	19.0	1	50.0	3	12.0	1	11.1	1	11.1	12	18.5	1	14.3	0	0.0	1	50.0	0	0.0	0	0.0	2	40.0	0	0.0	1	25.0	2	40.0	1	20.0	112	19.1	203	19.1						
- ประโยชน์ของโครงการ	6	12.2	0	0.0	0	0.0	1	20.0	0	0.0	1	16.7	0	0.0	0	0.0	7	16.7	0	0.0	4	16.0	1	11.1	2	22.2	9	13.8	1	14.3	0	0.0	1	50.0	0	0.0	0	0.0	1	20.0	0	0.0	0	0.0	1	20.0	0	0.0	82	14.0	159	14.9						
- ผลกระทบด้านสิ่งแวดล้อม	8	16.3	0	0.0	0	0.0	0	0.0	0	0.0	3	50.0	0	0.0	0	0.0	8	19.0	1	50.0	4	16.0	3	33.3	1	11.1	10	15.4	1	14.3	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	5	15.2	26	20.8	0	0.0	1	25.0	1	20.0	2	40.0	103	17.6	198	18.1		
- ผลกระทบด้านสังคม	6	12.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	4.8	0	0.0	4	16.0	0	0.0	2	22.2	9	13.8	1	14.3	0	0.0	0	0.0	0	0.0	0	0.0	2	6.1	4	3.2	0	0.0	0	0.0	0	0.0	1	20.0	40	6.8	69	6.1				
- ผลกระทบด้านสุขภาพ	7	14.3	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	5	11.9	0	0.0	4	16.0	2	22.2	1	11.1	9	13.8	1	14.3	0	0.0	0	0.0	0	0.0	2	66.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	74	12.8	132	12.4				
รวม	49	100.0	1	100.0	2	100.0	5	100.0	2	100.0	6	100.0	0	0.0	0	0.0	42	100.0	2	100.0	25	100.0	9	100.0	9	100.0	65	100.0	7	100.0	4	100.0	2	100.0	2	100.0	33	100.0	125	100.0	0	0.0	4	100.0	5	100.0	5	100.0	586	100.0	1064	100.0						
5.4 ท่านสามารถระบุกิจกรรมที่โรงไฟฟ้าบ้านโพ จั																																																										
- ไม่สามารถระบุได้	10	100.0	3	75.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	3	75.0	35	100.0	6	100.0	4	100.0	5	83.3	3	100.0	14	87.5	5	100.0	3	100.0	4	100.0	3	100.0	23	100.0	145	100.0	3	100.0	3	100.0	4	100.0	4	100.0	443	97.8	844	96.6						
- สามารถระบุได้	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	1	16.7	0	0.0	2	12.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10	2.2	30	3.4								
รวม	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	4	100.0	6	100.0	3	100.0	16	100.0	5	100.0	3	100.0	4	100.0	3	100.0	23	100.0	145	100.0	3	100.0	3	100.0	4	100.0	4	100.0	453	100.0	874	100.0						
ระบุกิจกรรม (ตอบได้มากกว่า ข้อ)																																																										
- เข้าร่วมประชุม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	50.0	23	76.7						
- ทำแบบสำรวจแบบสอบถาม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	10.0	2	6.7				
- กิจกรรมวันเด็ก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	10.0	2	6.7								
- ศึกษาฐาน	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	10.0	1	3.3								
- กิจกรรมมอบทุนการศึกษา	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	10.0	1	3.3								
- โครงการจัดกิจกรรมร่วมกับชุมชน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	20.0	2	6.7						
รวม	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10	100.0	30	100.0								
5.5 ช่วงที่ผ่านมากท่านเคยเข้าร่วมกิจกรรมกับโรงไฟ																																																										
- ไม่เคยเข้าร่วม	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	3	75.0	35	100.0	6	100.0	3	75.0	6	100.0	3	100.0	13	81.3	5	100.0	2	66.7	4	100.0	3	100.0	4	100.0	4	100.0	9	100.0	23	100.0	145	100.0	3	100.0	3	100.0	3	75.0	4	100.0	443	97.8	849	97.1
- เคยเข้าร่วม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0	0	0.0	0	0.0	1	25.0	0	0.0	0	0.0	3	18.8	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0	0	0.0	10	2.2	25	2.9				
รวม	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	4	100.0	6	100.0	3	100.0	16	100.0	5	100.0	3	100.0	4	100.0	3	100.0	4	100.0	4	100.0	9	100.0	23	100.0	145	100.0	3	100.0	3	100.0	4	100.0	4	100.0	453	100.0	874	100.0
เคยเข้าร่วม เนื่องจาก																																																										
- ได้รับเชิญไปร่วมกิจกรรม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	2	66.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6	60.0	20	80.0				
- เป็นตัวแทนชุมชน/หมู่บ้าน	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	3	30.0	3	12.0						
- ทำแบบสำรวจและแบบสอบถาม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	10.0	1	4.0				
- สะดวกเข้าร่วม	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	10.0	1	4.0								
รวม	0	0.0	0	0																																																						



รายละเอียด	เทศบาลตำบลลาดกระเทียม														เทศบาลตำบลคลองจิก								เทศบาลตำบลปราสาททอง								เทศบาลตำบลบางปะอิน								เทศบาลตำบลบางปะอิน																					
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 12									
	บ้านตลาดกระเทียมใต้		บ้านตลาดกระเทียมใต้		บ้านตลาดกระเทียมใต้		บ้านตลาดกระเทียมใต้		บ้านตลาดกระเทียมเหนือ		บ้านตลาดกระเทียมเหนือ		บ้านตลาดกระเทียมเหนือ		บ้านคลองจิก		บ้านคลองลาว		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองหลุม		บ้านคลองหลุม		บ้านสาวังคา		บ้านโพเหนือ		บ้านโพเหนือ		บ้านพราน		บ้านท้องคุ้ง		บ้านโพเหนือ		บ้านพราน		บ้านบางโพ		บ้านสะพานหก		บ้านตลาดล่าง		บ้านคลองกลางบ้าน		บ้านปากคลองสัตว์		บ้านหัวสะพาน		บ้านท้ายเกาะ		บ้านเกาะลอย			
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ						
จำนวนผู้ตอบแบบสอบถาม	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	7	100.0	100	100.0	22	100.0	16	100.0	7	100.0	3	100.0	5	100.0	23	100.0	12	100.0	6	100.0	32	100.0	53	100.0	3	100.0	8	100.0	9	100.0	6	100.0	19	100.0	6	100.0	6	100.0	13	100.0	7	100.0	5	100.0		
5.6.5 กิจกรรมวันเด็ก																																																												
การรู้จัก																																																												
- ไม่รู้จัก	4	80.0	3	100.0	0	0.0	5	100.0	5	100.0	1	33.3	4	66.7	7	100.0	88	88.0	18	81.8	14	87.5	6	85.7	1	33.3	5	100.0	21	91.3	12	100.0	4	66.7	28	87.5	45	84.9	2	66.7	8	100.0	9	100.0	6	100.0	17	89.5	4	66.7	3	50.0	8	61.5	3	42.9	4	80.0		
- รู้จัก	1	20.0	0	0.0	3	100.0	0	0.0	0	0.0	2	66.7	2	33.3	0	0.0	12	12.0	4	18.2	2	12.5	1	14.3	2	66.7	0	0.0	2	8.7	0	0.0	2	33.3	4	12.5	8	15.1	1	33.3	0	0.0	0	0.0	0	0.0	2	10.5	2	33.3	3	50.0	5	38.5	4	57.1	1	20.0		
รวม	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	7	100.0	100	100.0	22	100.0	16	100.0	7	100.0	3	100.0	5	100.0	23	100.0	12	100.0	6	100.0	32	100.0	53	100.0	3	100.0	8	100.0	9	100.0	6	100.0	19	100.0	6	100.0	6	100.0	13	100.0	7	100.0	5	100.0		
ความต้องการให้ดำเนินการต่อเนื่อง																																																												
- ไม่ต้องการ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ต้องการ	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	7	100.0	100	100.0	22	100.0	16	100.0	7	100.0	3	100.0	5	100.0	23	100.0	12	100.0	6	100.0	32	100.0	53	100.0	3	100.0	8	100.0	9	100.0	6	100.0	19	100.0	6	100.0	6	100.0	13	100.0	7	100.0	5	100.0		
รวม	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	7	100.0	100	100.0	22	100.0	16	100.0	7	100.0	3	100.0	5	100.0	23	100.0	12	100.0	6	100.0	32	100.0	53	100.0	3	100.0	8	100.0	9	100.0	6	100.0	19	100.0	6	100.0	6	100.0	13	100.0	7	100.0	5	100.0		
5.6.6 สนับสนุนกิจกรรมในชุมชน																																																												
การรู้จัก																																																												
- ไม่รู้จัก	4	80.0	3	100.0	0	0.0	5	100.0	5	100.0	1	33.3	4	66.7	6	85.7	89	89.0	18	81.8	14	87.5	7	100.0	1	33.3	5	100.0	21	91.3	12	100.0	4	66.7	28	87.5	46	86.8	2	66.7	8	100.0	9	100.0	6	100.0	19	100.0	4	66.7	3	50.0	9	69.2	4	57.1	5	100.0		
- รู้จัก	1	20.0	0	0.0	3	100.0	0	0.0	0	0.0	2	66.7	2	33.3	1	14.3	11	11.0	4	18.2	2	12.5	0	0.0	2	66.7	0	0.0	2	8.7	0	0.0	2	33.3	4	12.5	7	13.2	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	2	33.3	3	50.0	4	30.8	3	42.9	0	0.0		
รวม	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	7	100.0	100	100.0	22	100.0	16	100.0	7	100.0	3	100.0	5	100.0	23	100.0	12	100.0	6	100.0	32	100.0	53	100.0	3	100.0	8	100.0	9	100.0	6	100.0	19	100.0	6	100.0	6	100.0	13	100.0	7	100.0	5	100.0		
ความต้องการให้ดำเนินการต่อเนื่อง																																																												
- ไม่ต้องการ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	14.3	10	10.0	1	4.5	2	12.5	0	0.0	1	33.3	0	0.0	3	13.0	1	8.3	1	16.7	1	3.1	2	3.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	15.4	0	0.0	0	0.0	0	0.0
- ต้องการ	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	6	85.7	90	90.0	21	95.5	14	87.5	7	100.0	2	66.7	5	100.0	20	87.0	11	91.7	5	83.3	31	96.9	51	96.2	3	100.0	8	100.0	9	100.0	6	100.0	19	100.0	6	100.0	6	100.0	11	84.6	7	100.0	5	100.0		
รวม	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	7	100.0	100	100.0	22	100.0	16	100.0	7	100.0	3	100.0	5	100.0	23	100.0	12	100.0	6	100.0	32	100.0	53	100.0	3	100.0	8	100.0	9	100.0	6	100.0	19	100.0	6	100.0										



รายละเอียด	เทศบาลตำบลบ้านกรด								รวมเทศบาล		องค์การบริหารส่วนตำบลบ้านโพ																องค์การบริหารส่วนตำบลวัดยม								องค์การบริหารส่วนตำบลบ้านเป้ง								องค์การบริหารส่วนตำบลบ้านหว้า																			
	หมู่ที่ 8 บ้านกรด		หมู่ที่ 9 บ้านกรด		หมู่ที่ 10 บ้านคลองควาย		หมู่ที่ 11 บ้านโคกวัด				หมู่ที่ 1 บ้านพาสน์	หมู่ที่ 2 บ้านพาสน์	หมู่ที่ 3 บ้านโพ	หมู่ที่ 4 บ้านโพ	หมู่ที่ 5 บ้านเกาะพระ	หมู่ที่ 6 บ้านท่าแร่	หมู่ที่ 7 บ้านเกาะพระ	หมู่ที่ 8 บ้านสระกระจับ	หมู่ที่ 9 บ้านสระกระจับ	หมู่ที่ 1 บ้านวัดยม	หมู่ที่ 2 บ้านวัดยม	หมู่ที่ 3 บ้านวัดยม	หมู่ที่ 4 บ้านกลางชุมชน	หมู่ที่ 6 บ้านบางผี	หมู่ที่ 7 บ้านบางผี	หมู่ที่ 8 บ้านบางผี	หมู่ที่ 1 บ้านเป้ง	หมู่ที่ 2 บ้านเป้ง	หมู่ที่ 3 บ้านปูน	หมู่ที่ 4 บ้านโคกเจ๊ก	หมู่ที่ 1 บ้านไผ่	หมู่ที่ 2 บ้านหว้า	หมู่ที่ 3 บ้านปากคลอง	หมู่ที่ 4 บ้านโรง	หมู่ที่ 5 บ้านหัวระชัย																											
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ																										
จำนวนผู้ตอบแบบสอบถาม	6	100.0	6	100.0	4	100.0	7	100.0	421	100.0	4	100.0	5	100.0	4	100.0	2	100.0	5	100.0	4	100.0	7	100.0	4	100.0	3	100.0	5	100.0	4	100.0	12	100.0	7	100.0	5	100.0	8	100.0	5	100.0	4	100.0	8	100.0																
5.6.5 กิจกรรมวันเด็ก																																																														
การรู้จัก																																																														
- ไม่รู้จัก	6	100.0	6	100.0	4	100.0	5	71.4	356	84.6	4	100.0	1	20.0	4	100.0	5	83.3	3	75.0	1	50.0	4	80.0	4	100.0	5	71.4	3	75.0	3	100.0	4	100.0	4	66.7	6	100.0	2	50.0	2	66.7	5	100.0	4	100.0	9	75.0	3	42.9	5	100.0	7	87.5	5	100.0	4	100.0	3	37.5		
- รู้จัก	0	0.0	0	0.0	0	0.0	2	28.6	65	15.4	0	0.0	4	80.0	0	0.0	1	16.7	1	25.0	1	50.0	1	20.0	0	0.0	2	28.6	1	25.0	0	0.0	0	0.0	2	33.3	0	0.0	2	50.0	1	33.3	0	0.0	0	0.0	3	25.0	4	57.1	0	0.0	1	12.5	0	0.0	0	0.0	5	62.5		
รวม	6	100.0	6	100.0	4	100.0	7	100.0	421	100.0	4	100.0	5	100.0	4	100.0	6	100.0	4	100.0	2	100.0	5	100.0	4	100.0	7	100.0	4	100.0	3	100.0	4	100.0	6	100.0	6	100.0	4	100.0	3	100.0	5	100.0	4	100.0	12	100.0	7	100.0	5	100.0	8	100.0	5	100.0	4	100.0	8	100.0		
ความต้องการให้ดำเนินการต่อเนื่อง																																																														
- ไม่ต้องการ	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0						
- ต้องการ	6	100.0	6	100.0	4	100.0	7	100.0	421	100.0	4	100.0	5	100.0	4	100.0	6	100.0	4	100.0	2	100.0	5	100.0	4	100.0	7	100.0	4	100.0	3	100.0	4	100.0	6	100.0	6	100.0	4	100.0	3	100.0	5	100.0	4	100.0	12	100.0	7	100.0	5	100.0	8	100.0	5	100.0	4	100.0	8	100.0		
รวม	6	100.0	6	100.0	4	100.0	7	100.0	421	100.0	4	100.0	5	100.0	4	100.0	6	100.0	4	100.0	2	100.0	5	100.0	4	100.0	7	100.0	4	100.0	3	100.0	4	100.0	6	100.0	6	100.0	4	100.0	3	100.0	5	100.0	4	100.0	12	100.0	7	100.0	5	100.0	8	100.0	5	100.0	4	100.0	8	100.0		
5.6.6 สนับสนุนกิจกรรมในชุมชน																																																														
การรู้จัก																																																														
- ไม่รู้จัก	6	100.0	6	100.0	4	100.0	5	71.4	363	86.2	4	100.0	1	20.0	4	100.0	5	83.3	4	100.0	2	100.0	5	100.0	4	100.0	5	71.4	4	100.0	3	100.0	4	100.0	4	66.7	6	100.0	2	50.0	2	66.7	5	100.0	4	100.0	9	75.0	3	42.9	5	100.0	7	87.5	5	100.0	4	100.0	7	87.5		
- รู้จัก	0	0.0	0	0.0	0	0.0	2	28.6	58	13.8	0	0.0	4	80.0	0	0.0	1	16.7	0	0.0	0	0.0	0	0.0	0	0.0	2	28.6	0	0.0	0	0.0	0	0.0	2	33.3	0	0.0	2	50.0	1	33.3	0	0.0	0	0.0	3	25.0	4	57.1	0	0.0	1	12.5	0	0.0	0	0.0	1	12.5		
รวม	6	100.0	6	100.0	4	100.0	7	100.0	421	100.0	4	100.0	5	100.0	4	100.0	6	100.0	4	100.0	2	100.0	5	100.0	4	100.0	7	100.0	4	100.0	3	100.0	4	100.0	6	100.0	6	100.0	4	100.0	3	100.0	5	100.0	4	100.0	12	100.0	7	100.0	5	100.0	8	100.0	5	100.0	4	100.0	8	100.0		
ความต้องการให้ดำเนินการต่อเนื่อง																																																														
- ไม่ต้องการ	0	0.0	0	0.0	0	0.0	0	0.0	25	5.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	16.7	1	16.7	0	0.0	0	0.0	0	0.0	2	16.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ต้องการ	6	100.0	6	100.0	4	100.0	7	100.0	396	94.1	4	100.0	5	100.0	4	100.0	6	100.0	4	100.0	2	100.0	5	100.0	4	100.0	7	100.0	4	100.0	3	100.0	4	100.0	5	83.3	5	83.3	4	100.0	3	100.0	5	100.0	4	100.0	10	83.3	7	100.0	5	100.0	8	100.0	5	100.0	4	100.0	8	100.0		
รวม	6	100.0	6	100.0	4	100.0	7	100.0	421	100.0	4	100.0	5	100.0	4	100.0	6	100.0	4	100.0	2	100.0	5	100.0	4	100.0	7	100.0	4	100.0	3	100.0	4	100.0	6	100.0	6	100.0	4	100.0	3	100.0	5	100.0	4	100.0	12	100.0	7	100.0	5	100.0	8	100.0	5	100.0	4	100.0	8	100.0		
5.6.7 กิจกรรมด้านสิ่งแวดล้อม																																																														
การรู้จัก																																																														
- ไม่รู้จัก	6	100.0	6	100.0	4	100.0	5	71.4	364	86.5	4	100.0	1	20.0	4	100.0	6	100.0	4	100.0	2	100.0	5	100.0	4	100.0	5	71.4	3	75.0	3	100.0	4	100.0	3	50.0	6	100.0	2	50.0	2	66.7	5	100.0	4	100.0	9	75.0	3	42.9	5	100.0	7	87.5	5	100.0	4	100.0	8	100.0		
- รู้จัก	0	0.0	0	0.0	0	0.0	2	28.6	57	13.5	0	0.0	4	80.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	28.6	1	25.0	0	0.0	0	0.0	0	0.0	3	50.0	0	0.0	2	50.0	1	33.3	0	0.0	0	0.0	3	25.0	4	57.1	0	0.0	1	12.5	0	0.0	0	0.0	0	0.0
รวม	6	100.0	6	100.0	4	100.0	7	100.0	421	100.0	4	100.0	5	100.0	4	100.0	6	100.0	4	100.0	2	100.0	5	100.0	4	100.0	7	100.0	4	100.0	3	100.0	4	100.0	6	100.0	6	100.0	4	100.0	3	100.0	5	100.0	4	100.0	12	100.0	7	100.0	5	100.0	8	100.0	5	100.0	4	100.0	8	100.0		
ความต้องการให้ดำเนินการต่อเนื่อง																																																														
- ไม่ต้องการ	0	0.0	0	0.0	0	0.0	0	0.0	25	5.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	16.7	1	16.7	0	0.0	0	0.0	0	0.0	2	16.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- ต้องการ	6	100.0	6	100.0	4	100.0	7	100.0	396	94.1	4	100.0	5	100.0	4	100.0	6	100.0	4	100.0	2	100.0	5	100.0	4	100.0	7	100.0	4	100.0	3	100.0	4	100.0	5	83.3	5	83.3	4	100.0	3	100.0	5	100.0	4	100.0	10	83.3	7	100.0	5	100.0	8	100.0	5	100.0	4	100.0	8	100.0		
รวม	6	100.0	6	100.0	4	100.0	7	100.0	421	100.0	4	100.0	5	100.0	4	100.0	6	100.0	4	100.0	2	100.0	5	100.0	4	100.0	7	100.0	4	100.0	3	100.0	4	100.0	6	100.0	6	100.0	4	100.0	3	100.0	5	100.0	4	100.0	12	100.0	7	100.0	5	100.0	8	100.0	5	100.0	4	100.0	8	100.0		
5.6.8 กิจกรรมชุมชนสัมพันธ์																																																														
การรู้จัก																																																														
- ไม่รู้จัก	6	100.0	6	100.0	4	100.0	5	71.4	363	86.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.												



[illegible]



[illegible]



[illegible]



[illegible]



รายละเอียด	เทศบาลตำบลลาดกระบัง														เทศบาลตำบลคลองจิก								เทศบาลตำบลปราสาททอง								เทศบาลตำบลบางปะอิน								เทศบาลตำบลบางปะอิน																					
	หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 8		หมู่ที่ 9		หมู่ที่ 10		หมู่ที่ 12									
	บ้านตลาดกรียบใต้		บ้านตลาดกรียบใต้		บ้านตลาดกรียบใต้		บ้านตลาดกรียบใต้		บ้านตลาดกรียบเหนือ		บ้านตลาดกรียบเหนือ		บ้านตลาดกรียบเหนือ		บ้านคลองจิก		บ้านคลองลาว		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองทราย		บ้านคลองหลุม		บ้านคลองหลุม		บ้านเสาวังคา		บ้านโพเหนือ		บ้านโพเหนือ		บ้านพราน		บ้านท้องคุ้ง		บ้านโพเหนือ		บ้านพราน		บ้านบางโพ		บ้านสะพานหก		บ้านตลาดล่าง		บ้านคลองกลางบ้าน		บ้านปากคลองสัตว์		บ้านหัวสะพาน		บ้านท้ายเกาะ		บ้านเกาะลอย			
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ						
จำนวนผู้ตอบแบบสอบถาม	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	7	100.0	100	100.0	22	100.0	16	100.0	7	100.0	3	100.0	5	100.0	23	100.0	12	100.0	6	100.0	32	100.0	53	100.0	3	100.0	8	100.0	9	100.0	6	100.0	19	100.0	6	100.0	6	100.0	13	100.0	7	100.0	5	100.0		
6.2.5 ด้านการดูแลสุขภาพของประชาชน																																																												
- น้อยที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	33.3	0	0.0	1	1.0	4	18.2	1	6.3	0	0.0	1	33.3	2	40.0	2	8.7	0	0.0	1	16.7	5	15.6	2	3.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	83.3	3	23.1	1	14.3	0	0.0		
- น้อย	0	0.0	0	0.0	3	100.0	0	0.0	0	0.0	3	100.0	2	33.3	1	14.3	26	26.0	7	31.8	2	12.5	1	14.3	2	66.7	1	20.0	6	26.1	0	0.0	3	50.0	4	12.5	10	18.9	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	16.7	4	30.8	4	57.1	0	0.0		
- ปานกลาง	5	100.0	3	100.0	0	0.0	2	40.0	5	100.0	0	0.0	2	33.3	6	85.7	64	64.0	9	40.9	12	75.0	6	85.7	0	0.0	2	40.0	15	65.2	10	83.3	1	16.7	21	65.6	40	75.5	2	66.7	8	100.0	9	100.0	4	66.7	13	68.4	4	66.7	0	0.0	6	46.2	2	28.6	4	80.0		
- มาก	0	0.0	0	0.0	0	0.0	3	60.0	0	0.0	0	0.0	0	0.0	0	0.0	9	9.0	2	9.1	1	6.3	0	0.0	0	0.0	0	0.0	0	0.0	2	16.7	1	16.7	2	6.3	1	1.9	0	0.0	0	0.0	0	0.0	0	0.0	2	33.3	6	31.6	2	33.3	0	0.0	0	0.0	0	0.0	1	20.0
- มากที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
รวม	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	7	100.0	100	100.0	22	100.0	16	100.0	7	100.0	3	100.0	5	100.0	23	100.0	12	100.0	6	100.0	32	100.0	53	100.0	3	100.0	8	100.0	9	100.0	6	100.0	19	100.0	6	100.0	6	100.0	13	100.0	7	100.0	5	100.0		
ค่าเฉลี่ย	3.00		3.00		2.00		3.60		3.00		2.00		2.00		2.86		2.81		2.41		2.81		2.86		1.67		2.00		2.57		3.17		2.33		2.63		2.75		2.67		3.00		3.00		3.33		3.32		3.33		1.17		2.23		2.14		3.20			
6.2.6 การเปิดเผยข้อมูล																																																												
- น้อยที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	33.3	0	0.0	1	1.0	4	18.2	1	6.3	0	0.0	1	33.3	2	40.0	2	8.7	0	0.0	1	16.7	5	15.6	3	5.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	83.3	3	23.1	1	14.3	0	0.0		
- น้อย	0	0.0	0	0.0	3	100.0	0	0.0	0	0.0	3	100.0	3	50.0	1	14.3	28	28.0	7	31.8	2	12.5	1	14.3	2	66.7	1	20.0	6	26.1	0	0.0	3	50.0	4	12.5	10	18.9	1	33.3	2	25.0	0	0.0	1	16.7	0	0.0	0	0.0	1	16.7	5	38.5	4	57.1	0	0.0		
- ปานกลาง	5	100.0	3	100.0	0	0.0	2	40.0	5	100.0	0	0.0	1	16.7	6	85.7	62	62.0	9	40.9	12	75.0	6	85.7	0	0.0	2	40.0	15	65.2	11	91.7	1	16.7	21	65.6	39	73.6	2	66.7	6	75.0	9	100.0	4	66.7	15	78.9	4	66.7	0	0.0	5	38.5	2	28.6	5	100.0		
- มาก	0	0.0	0	0.0	0	0.0	3	60.0	0	0.0	0	0.0	0	0.0	0	0.0	9	9.0	2	9.1	1	6.3	0	0.0	0	0.0	0	0.0	0	0.0	1	8.3	1	16.7	2	6.3	1	1.9	0	0.0	0	0.0	0	0.0	0	0.0	1	16.7	4	21.1	2	33.3	0	0.0	0	0.0	0	0.0	0	0.0
- มากที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
รวม	5	100.0	3	100.0	3	100.0	5	100.0	5	100.0	3	100.0	6	100.0	7	100.0	100	100.0	22	100.0	16	100.0	7	100.0	3	100.0	5	100.0	23	100.0	12	100.0	6	100.0	32	100.0	53	100.0	3	100.0	8	100.0	9	100.0	6	100.0	19	100.0	6	100.0	6	100.0	13	100.0	7	100.0	5	100.0		
ค่าเฉลี่ย	3.00		3.00		2.00		3.60		3.00		2.00		1.83		2.86		2.79		2.41		2.81		2.86		1.67		2.00		2.57		3.08		2.33		2.63		2.72		2.67		2.75		3.00		3.00		3.21		3.33		1.17		2.15		2.14		3.00			
6.3 โดยภาพรวมท่านมีความพึงพอใจระดับใด																																																												
- มากที่สุด	0	0.0	0	0.0	0	0.																																																						



รายละเอียด	เทศบาลตำบลบ้านกรวด								รวมเขตเทศบาล		องค์การบริหารส่วนตำบลบ้านโพ												องค์การบริหารส่วนตำบลลำดียม								องค์การบริหารส่วนตำบลลำดียม								องค์การบริหารส่วนตำบลบ้านเป้ง								องค์การบริหารส่วนตำบลบ้านหว้า																	
	หมู่ที่ 8 บ้านกรวด		หมู่ที่ 9 บ้านกรวด		หมู่ที่ 10 บ้านคลองควาย		หมู่ที่ 11 บ้านโคกวัด				หมู่ที่ 1 บ้านพาสน		หมู่ที่ 2 บ้านพาสน		หมู่ที่ 3 บ้านโพ		หมู่ที่ 4 บ้านโพ		หมู่ที่ 5 บ้านเกาะพระ		หมู่ที่ 6 บ้านท่าแร่		หมู่ที่ 7 บ้านเกาะพระ		หมู่ที่ 8 บ้านสระกระจุบ		หมู่ที่ 9 บ้านสระกระจุบ		หมู่ที่ 1 บ้านวัดยม		หมู่ที่ 2 บ้านวัดยม		หมู่ที่ 3 บ้านวัดยม		หมู่ที่ 4 บ้านกลางชุมแพน		หมู่ที่ 6 บ้านบางผี		หมู่ที่ 7 บ้านบางผี		หมู่ที่ 8 บ้านบางผี		หมู่ที่ 1 บ้านเป้ง		หมู่ที่ 2 บ้านเป้ง		หมู่ที่ 3 บ้านปูน		หมู่ที่ 4 บ้านโคกเจ็ก		หมู่ที่ 1 บ้านไผ่		หมู่ที่ 2 บ้านหว้า		หมู่ที่ 3 บ้านปากคลอง		หมู่ที่ 4 บ้านโรง		หมู่ที่ 5 บ้านหัวจรเข้					
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ												
จำนวนผู้ตอบแบบสอบถาม	6	100.0	6	100.0	4	100.0	7	100.0	421	100.0	4	100.0	5	100.0	4	100.0	4	100.0	2	100.0	5	100.0	4	100.0	4	100.0	4	100.0	3	100.0	4	100.0	6	100.0	6	100.0	4	100.0	3	100.0	5	100.0	4	100.0	12	100.0	7	100.0	5	100.0	8	100.0	5	100.0	4	100.0	8	100.0						
6.2.5 ด้านการดูแลสุขภาพของประชาชน																																																																
- น้อยที่สุด	0	0.0	0	0.0	0	0.0	2	28.6	32	7.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0	0	0.0	0	0.0	2	33.3	0	0.0	1	25.0	1	33.3	0	0.0	0	0.0	3	25.0	1	14.3	0	0.0	0	0.0	1	20.0	0	0.0	0	0.0				
- น้อย	1	16.7	1	16.7	0	0.0	1	14.3	84	20.0	0	0.0	2	40.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	28.6	1	25.0	0	0.0	0	0.0	2	33.3	0	0.0	2	50.0	1	33.3	1	20.0	0	0.0	3	25.0	3	42.9	0	0.0	0	0.0	0	0.0	0	0.0				
- ปานกลาง	5	83.3	4	66.7	4	100.0	4	57.1	272	64.6	4	100.0	3	60.0	4	100.0	4	66.7	4	100.0	2	100.0	4	80.0	3	75.0	4	57.1	2	50.0	3	100.0	4	100.0	2	33.3	3	50.0	1	25.0	1	33.3	4	80.0	4	100.0	3	25.0	3	42.9	5	100.0	5	62.5	4	80.0	1	25.0	8	100.0				
- มาก	0	0.0	1	16.7	0	0.0	0	0.0	33	7.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	20.0	1	25.0	1	14.3	0	0.0	0	0.0	0	0.0	0	0.0	3	50.0	0	0.0	0	0.0	0	0.0	3	25.0	0	0.0	0	0.0	1	12.5	0	0.0	3	75.0	0	0.0	0	0.0				
- มากที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0						
รวม	6	100.0	6	100.0	4	100.0	7	100.0	421	100.0	4	100.0	5	100.0	4	100.0	4	100.0	2	100.0	5	100.0	4	100.0	4	100.0	4	100.0	3	100.0	4	100.0	6	100.0	6	100.0	4	100.0	3	100.0	5	100.0	4	100.0	12	100.0	7	100.0	5	100.0	8	100.0	5	100.0	4	100.0	8	100.0						
ค่าเฉลี่ย	2.83		3.00		3.00		2.29		2.73		3.00		2.60		3.00		3.33		3.00		3.00		3.20		3.25		2.86		2.25		3.00		3.00		3.00		2.00		3.50		2.00		2.00		2.80		3.00		2.50		2.29		3.00		3.63		2.60		3.75		3.00			
6.2.6 การเปิดเผยข้อมูล																																																																
- น้อยที่สุด	0	0.0	0	0.0	0	0.0	3	42.9	34	8.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0	0	0.0	0	0.0	2	33.3	0	0.0	1	25.0	1	33.3	0	0.0	0	0.0	3	25.0	1	14.3	0	0.0	0	0.0	1	20.0	0	0.0	1	20.0	0	0.0	0	0.0
- น้อย	0	0.0	1	16.7	0	0.0	1	14.3	90	21.4	0	0.0	2	40.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	28.6	1	25.0	0	0.0	0	0.0	2	33.3	3	50.0	2	50.0	2	66.7	2	40.0	1	25.0	3	25.0	3	42.9	0	0.0	1	12.5	0	0.0	0	0.0	0	0.0	0	0.0		
- ปานกลาง	5	83.3	4	66.7	4	100.0	3	42.9	268	63.7	3	75.0	3	60.0	4	100.0	4	66.7	3	75.0	2	100.0	5	100.0	3	75.0	4	57.1	2	50.0	3	100.0	4	100.0	2	33.3	3	50.0	1	25.0	0	0.0	3	60.0	3	75.0	3	25.0	3	42.9	5	100.0	4	50.0	4	80.0	1	25.0	8	100.0				
- มาก	1	16.7	1	16.7	0	0.0	0	0.0	29	6.9	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0	1	14.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	25.0	0	0.0	0	0.0	1	12.5	0	0.0	3	75.0	0	0.0	0	0.0				
- มากที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
รวม	6	100.0	6	100.0	4	100.0	7	100.0	421	100.0	4	100.0	5	100.0	4	100.0	4	100.0	2	100.0	5	100.0	4	100.0	4	100.0	4	100.0	3	100.0	4	100.0	6	100.0	6	100.0	4	100.0	3	100.0	5	100.0	4	100.0	12	100.0	7	100.0	5	100.0	8	100.0	5	100.0	4	100.0	8	100.0						
ค่าเฉลี่ย	3.17		3.00		3.00		2.00		2.69		3.25		2.60		3.00		3.33		2.75		3.00		3.00		3.25		2.86		2.25		3.00		3.00		3.00		2.00		2.50		2.00		1.67		2.60		2.75		2.50		2.29		3.00		3.50		2.60		3.75		3.00			
6.3 โดยภาพรวมท่านมีความพึงพอใจระดับใด																																																																
- มากที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	8.3	0	0.0	0	0.0	2	25.0	0	0.0	0	0.0	0	0.0	0	0.0						
- มาก	0	0.0	1	16.7	0	0.0	0	0.0	41	9.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	20.0	1	25.0	1	14.3	0	0.0	0	0.0	0	0.0	0	0.0	3	50.0	0	0.0	0	0.0	1	20.0	0	0.0	2	16.7	2	28.6	0	0.0	2	25.0	0	0.0	3	75.0	0	0.0	0	0.0		
- ปานกลาง	6	100.0	5	83.3	4	100.0	6	85.7	361	85.7	4	100.0	5	100.0	4	100.0	4	66.7	4	100.0	2	100.0	4	80.0	3	75.0	6	85.7	4	100.0	3	100.0	4	100.0	6	100.0	3	50.0	4	100.0	3	100.0	4	80.0	4	100.0	9	75.0	5	71.4	0	0.0	4	50.0	4	80.0	1	25.0	8	100.0				
- น้อย	0	0.0	0	0.0	0	0.0	1	14.3	16	3.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
- น้อยที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
- ไม่มีความคิดเห็น	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0				
รวม	6	100.0	6	100.0	4	100.0	7	100.0	421	100.0	4	100.0	5	100.0	4	100.0	4	100.0	2	100.0	5	100.0	4	100.0	4	100.0	4	100.0	3	100.0	4	100.0	6	100.0	6	100.0	4	100.0	3	100.0	5	100.0	4	100.0	12	100.0	7	100.0	5	100.0	8	100.0	5	100.0	4	100.0	8	100.0						
ส่วนที่ 7 ความเชื่อมั่น และความคิดเห็นต่อโรงไฟฟ้า																																																																
7.1 ท่านมีความเชื่อมั่นต่อระบบการจัดการด้านสิ่ง																																																																
- เชื่อมินสูง	0	0.0	1	16.7	0	0.0	0	0.0	21	5.0	1	25.0	0	0.0	0	0.0	3	50.0	0	0.0	0	0.0	1	20.0	2	50.0	1	14.3	1	25.0	0	0.0	1	25.0	0	0.0	2	33.3	0	0.0	0	0.0	1	20.0	0	0.0	2	16.7	3	42.9	0	0.0	4	50.0	0	0.0	0	0.0	0					



รายละเอียด	องค์การบริหารส่วนตำบลบ้านหัว				องค์การบริหารส่วนตำบลชนอนหลวง				องค์การบริหารส่วนตำบลคู้งลาน					องค์การบริหารส่วนตำบลสิงชั้น						องค์การบริหารส่วนตำบลบ้านพลับ						องค์การบริหารส่วนตำบลสามเรือน						องค์การบริหารส่วนตำบลบ้านบ่อไผ่				รวมเขต อบต.	รวมทั้งหมด																					
	หมู่ที่ 6		หมู่ที่ 7		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 6		หมู่ที่ 1		หมู่ที่ 2		หมู่ที่ 3		หมู่ที่ 4		หมู่ที่ 5		หมู่ที่ 1		หมู่ที่ 2			หมู่ที่ 4		หมู่ที่ 8		หมู่ที่ 6		หมู่ที่ 7														
	บ้านนัยนาท	บ้านเสาวังคา	บ้านชนอนหลวง	บ้านเสากระโจง	บ้านเสากระโจง	บ้านทับแดง	บ้านทับแดง	บ้านคู้งลาน	บ้านคู้งลาน	บ้านคู้งลาน	บ้านสามง่าม	บ้านโคกลอง	บ้านตลิ่งชั้น	บ้านตลิ่งชั้น	บ้านศาลเจ้า	บ้านคลองขวาง	บ้านหัวบ้าน	บ้านขายน้ำ	บ้านหลังน้ำ	บ้านกลาง	บ้านพลับ	บ้านหลวง	บ้านสามเรือน	บ้านขอม	บ้านเสาวังคา	บ้านงามผักบ	บ้านเสาวังคา																															
จำนวนผู้ตอบแบบสอบถาม	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	4	100.0	6	100.0	16	100.0	5	100.0	3	100.0	4	100.0	3	100.0	4	100.0	4	100.0	9	100.0	23	100.0	145	100.0	3	100.0	3	100.0	4	100.0	453	100.0	874	100.0				
6.2.5 ด้านการดูแลสุขภาพของประชาชน																																																										
- น้อยที่สุด	0	0.0	0	0.0	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.9	1	16.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.7	0	0.0	0	0.0	0	0.0	0	0.0	17	3.8	49	5.6						
- น้อย	0	0.0	0	0.0	0	0.0	1	25.0	0	0.0	1	16.7	0	0.0	0	0.0	4	11.4	0	0.0	0	0.0	4	66.7	0	0.0	1	6.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	17.4	20	13.8	0	0.0	1	33.3	1	25.0	0	0.0	55	12.1	139	15.9				
- ปานกลาง	10	100.0	4	100.0	3	100.0	2	50.0	3	75.0	5	83.3	4	80.0	4	100.0	27	77.1	5	83.3	4	100.0	2	33.3	2	66.7	15	93.8	4	80.0	3	100.0	4	100.0	2	66.7	4	100.0	0	0.0	8	88.9	15	65.2	101	69.7	2	66.7	2	66.7	2	50.0	4	100.0	326	72.0	598	68.4
- มาก	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0	0	0.0	1	20.0	0	0.0	3	8.6	0	0.0	0	0.0	0	0.0	0	0.0	1	20.0	0	0.0	0	0.0	1	33.3	0	0.0	4	17.4	23	15.9	1	33.3	0	0.0	1	25.0	0	0.0	53	11.7	86	9.8				
- มากที่สุด	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.4	2	0.2								
รวม	10	100.0	4	100.0	3	100.0	4	100.0	4	100.0	6	100.0	5	100.0	4	100.0	35	100.0	6	100.0	4	100.0	6	100.0	3	100.0	16	100.0	5	100.0	3	100.0	4	100.0	3	100.0	4	100.0	9	100.0	23	100.0	145	100.0	3	100.0	3	100.0	4	100.0	453	100.0	874	100.0				
ค่าเฉลี่ย	3.00		3.00		3.00		2.25		3.25		2.83		3.20		3.00		2.91		2.67		3.00		2.33		3.33		2.94		3.20		3.00		3.00																									



**ผลแบบสอบถามสภาพเศรษฐกิจ-สังคม และความคิดเห็นสำหรับสถานประกอบการที่อยู่ใกล้เคียงโครงการ  
ต่อโครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลฟ์ บีพี จำกัด  
ที่ตั้ง นิคมอุตสาหกรรมบ้านหว้า (ไฮเทค) อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา**

รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	2	100.0
<b>ส่วนที่ 1 ข้อมูลทั่วไปของผู้ตอบแบบสอบถาม</b>		
<b>1.1 เพศ</b>		
- ชาย	0	0.0
- หญิง	2	100.0
รวม	2	100.0
<b>1.2 อายุ</b>		
- 20-30 ปี	1	50.0
- 31-40 ปี	1	50.0
รวม	2	100.0
<b>1.3 ตำแหน่งของท่านในบริษัท</b>		
- Staff Engineer	1	50.0
- SAFETY OFFICER	1	50.0
รวม	2	100.0
<b>1.4 ระยะเวลาที่ปฏิบัติหน้าที่ในองค์กร</b>		
- ระหว่าง 1-5 ปี	1	50.0
- ระหว่าง 6 -10 ปี	1	50.0
รวม	2	100.0
<b>ส่วนที่ 2 การรับทราบข้อมูล/ข่าวสาร และการมีส่วนร่วมกิจกรรมของโรงไฟฟ้า</b>		
<b>2.1 ท่านทราบหรือรู้จักโครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลฟ์ บีพี จำกัด หรือไม่</b>		
- ไม่ทราบ/ไม่รู้จัก (ข้ามไป 2.3)	0	0.0
- ทราบ / รู้จัก	2	100.0
รวม	2	100.0
<b>2.2 ถ้าทราบ ท่านทราบจากแหล่งใด (ตอบได้มากกว่า 1 ข้อ)</b>		
- เพื่อนบ้านเล่าให้ฟัง	0	0.0
- ผู้นำชุมชน	0	0.0
- จากเทศบาล / อบต./หน่วยงานราชการต่างๆ	0	0.0
- จากหนังสือพิมพ์	0	0.0
- เจ้าหน้าที่ของทางโครงการฯ	2	66.7
- เคยเข้าร่วมประชุมกับทางโครงการฯ	0	0.0
- ได้ร่วมกิจกรรมกับทางโครงการฯ	0	0.0
- อยู่ใกล้กับบริษัท	1	33.3
รวม	3	100.0



ผลแบบสอบถามสภาพเศรษฐกิจ-สังคม และความคิดเห็นสำหรับสถานประกอบการที่อยู่ใกล้เคียงโครงการ

ต่อโครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลฟ์ บีพี จำกัด

ที่ตั้ง นิคมอุตสาหกรรมบ้านหว้า (ไฮเทค) อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา

รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	2	100.0
2.3 ท่านต้องการให้ประชาสัมพันธ์/ให้ข้อมูลข่าวสารของโรงไฟฟ้าบ้านโพ เพิ่มเติมหรือไม่		
- ไม่ต้องการทราบ	0	0.0
- ต้องการทราบ	2	100.0
รวม	2	100.0
ต้องการทราบ เรื่อง		
- กิจกรรม/ขั้นตอนการผลิต	0	0.0
- มาตรการป้องกัน และลดผลกระทบ	2	22.2
- การมีส่วนร่วมของบริษัทฯ กับชุมชน	0	0.0
- ประโยชน์ของโครงการ	1	11.1
- ผลกระทบด้านสิ่งแวดล้อม	2	22.2
- ผลกระทบด้านสังคม	2	22.2
- ผลกระทบด้านสุขภาพ	2	22.2
รวม	9	100.0
2.4 ท่านสามารถระบุกิจกรรมที่โรงไฟฟ้าบ้านโพ จัดขึ้นได้หรือไม่		
- ไม่สามารถระบุได้	2	100.0
- สามารถระบุได้	0	0.0
รวม	2	100.0
2.5 ช่วงที่ผ่านมาท่านเคยเข้าร่วมกิจกรรมกับโรงไฟฟ้าบ้านโพ หรือไม่		
- ไม่เคยเข้าร่วม	2	100.0
- เคยเข้าร่วม	0	0.0
รวม	2	100.0
ไม่เคยเข้าร่วม เนื่องจาก		
- ไม่ทราบ	2	100.0
รวม	2	100.0
2.6 ท่านรู้จักกิจกรรมที่โรงไฟฟ้าบ้านโพ จัดขึ้นและมีความคิดเห็นอย่างไร		
- ไม่รู้จักกิจกรรมใดๆที่จัดขึ้น	2	100.0
รวม	2	100.0



**ผลแบบสอบถามสภาพเศรษฐกิจ-สังคม และความคิดเห็นสำหรับสถานประกอบการที่อยู่ใกล้เคียงโครงการ**  
**ต่อโครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลฟ์ บีพี จำกัด**  
**ที่ตั้ง นิคมอุตสาหกรรมบ้านหว้า (ไฮเทค) อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา**

รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	2	100.0
2.7 หากโรงไฟฟ้าบ้านโพ จัดกิจกรรมที่เป็นประโยชน์ต่อชุมชนและสิ่งแวดล้อมร่วมกับชุมชน ท่านยินดีเข้าร่วมหรือไม่		
- ยินดีเข้าร่วม	1	50.0
- ไม่ยินดี	1	50.0
รวม	2	100.0
ไม่ยินดี เนื่องจาก		
- ไม่สะดวกเข้าร่วม	1	100.0
รวม	1	100.0
ส่วนที่ 3 ผลกระทบและทัศนคติต่อการดำเนินงานของโรงไฟฟ้าบ้านโพ		
3.1 โครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลฟ์ บีพี จำกัด ที่มีอยู่ในพื้นที่ส่งผลดีและผลเสียต่อชุมชนอย่างไร		
- ด้วยพื้นที่บริษัทมีไฟฟ้าส่องสว่าง จึงทำให้พื้นที่ข้างเคียงมีแสงสว่างด้วย	1	100.0
รวม	1	100.0
ผลเสีย		
- อาจมีผลกระทบต่อสิ่งแวดล้อม ความปลอดภัย ถ้าจัดการไม่ดีพอ	1	50.0
- บางครั้งมีละอองไอน้ำ และเสียง อาจทำให้ผู้ไม่มีความรู้ความเข้าใจเกิดความสับสนได้	1	50.0
รวม	2	100.0
3.2 ท่านมีความพึงพอใจต่อการดูแลสังคมของโครงการระดับใด		
3.2.1 ด้านความปลอดภัยในกระบวนการผลิต		
- น้อยที่สุด	0	0.0
- น้อย	0	0.0
- ปานกลาง	0	0.0
- มาก	2	100.0
- มากที่สุด	0	0.0
รวม	2	100.0
ค่าเฉลี่ย	4.00	
3.2.2 ด้านสังคม		
- น้อยที่สุด	0	0.0
- น้อย	0	0.0
- ปานกลาง	1	50.0
- มาก	1	50.0
- มากที่สุด	0	0.0
รวม	2	100.0
ค่าเฉลี่ย	3.50	



ผลแบบสอบถามสภาพเศรษฐกิจ-สังคม และความคิดเห็นสำหรับสถานประกอบการที่อยู่ใกล้เคียงโครงการ

ต่อโครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลฟ์ บีพี จำกัด

ที่ตั้ง นิคมอุตสาหกรรมบ้านหว้า (ไฮเทค) อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา

รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	2	100.0
3.2.3 ด้านสิ่งแวดล้อม		
- น้อยที่สุด	0	0.0
- น้อย	0	0.0
- ปานกลาง	2	100.0
- มาก	0	0.0
- มากที่สุด	0	0.0
รวม	2	100.0
ค่าเฉลี่ย	3.00	
3.2.4 ด้านกิจกรรมชุมชนสัมพันธ์/การมีส่วนร่วม		
- น้อยที่สุด	0	0.0
- น้อย	0	0.0
- ปานกลาง	2	100.0
- มาก	0	0.0
- มากที่สุด	0	0.0
รวม	2	100.0
ค่าเฉลี่ย	3.00	
3.2.5 ด้านการดูแลสุขภาพของประชาชน		
- น้อยที่สุด	0	0.0
- น้อย	0	0.0
- ปานกลาง	4	80.0
- มาก	1	20.0
- มากที่สุด	0	0.0
รวม	5	100.0
ค่าเฉลี่ย	3.20	
3.2.6 การเปิดเผยข้อมูล		
- น้อยที่สุด	1	50.0
- น้อย	0	0.0
- ปานกลาง	0	0.0
- มาก	1	50.0
- มากที่สุด	0	0.0
รวม	2	100.0
ค่าเฉลี่ย	2.50	



**ผลแบบสอบถามสภาพเศรษฐกิจ-สังคม และความคิดเห็นสำหรับสถานประกอบการที่อยู่ใกล้เคียงโครงการ  
ต่อโครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลฟ์ บีพี จำกัด  
ที่ตั้ง นิคมอุตสาหกรรมบ้านหว้า (ไฮเทค) อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา**

รายละเอียด	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	2	100.0
3.3 โดยภาพรวมท่านมีความพึงพอใจของท่านอยู่ในระดับใด		
- มากที่สุด	0	0.0
- มาก	1	50.0
- ปานกลาง	0	0.0
- น้อย	0	0.0
- น้อยที่สุด	1	50.0
- ไม่มีความคิดเห็น	0	0.0
รวม	2	100.0
ส่วนที่ 4 ความเชื่อมั่น และความคิดเห็นต่อโรงไฟฟ้าบ้านโพ		
4.1 ท่านมีความเชื่อมั่นต่อระบบการจัดการด้านสิ่งแวดล้อมและมาตรการป้องกันผลกระทบด้านต่างๆ		
โครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลฟ์ บีพี จำกัด น้อยเพียงใด		
- เชื่อมั่นพอสมควร (หากมีอุบัติเหตุสามารถแก้ไขหรือควบคุมได้ทัน)	2	100.0
รวม	2	100.0
4.2 ความคิดเห็นในภาพรวมของท่านที่มีต่อการดำเนินงานของโรงไฟฟ้าบ้านโพ ในปี พ.ศ. 2563 ที่มีต่อชุมชน		
- ผลประโยชน์มากกว่าผลเสีย	0	0.0
- ผลเสียมากกว่าผลประโยชน์	0	0.0
- ไม่แสดงความคิดเห็น	2	100.0
รวม	2	100.0
4.3 ข้อเสนอแนะอื่นๆ เกี่ยวกับโครงการไฟฟ้าบ้านโพ		
- ไม่มีข้อเสนอแนะ	2	100.0
รวม	2	100.0



## รายงานสรุปผลการสำรวจความคิดเห็นของประชาชนต่อ โครงการโรงไฟฟ้าบ้านโพ บริษัท กัลฟ์ ปิพี จำกัด

### 1. ความเป็นมา

โครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลฟ์ ปิพี จำกัด ตั้งอยู่ที่นิคมอุตสาหกรรมบ้านหว้า (ไฮเทค) อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา ได้นำเสนอรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมต่อสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม (สผ.) ซึ่งได้รับความเห็นชอบในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมตามหนังสือเห็นชอบเลขที่ ทส 1009.7/9557 ลงวันที่ 17 สิงหาคม พ.ศ. 2559 โดยโครงการต้องปฏิบัติตามมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม ช่วงดำเนินการ ซึ่งได้กำหนดให้มีการสำรวจสภาพเศรษฐกิจ สังคมและความคิดเห็นของครัวเรือน ผู้นำท้องถิ่น รวมถึงตัวแทนหน่วยงานราชการที่เกี่ยวข้อง และสถานประกอบการ เพื่อให้ทราบถึงความคิดเห็นที่มีต่อโครงการ ทั้งในเรื่องของผลกระทบที่อาจจะเกิดขึ้นจากโครงการ รวมถึงข้อเสนอแนะต่างๆ ครอบคลุมกับตำแหน่งที่ทำการตรวจวัดคุณภาพสิ่งแวดล้อม ภายในรัศมี 5 กิโลเมตรรอบที่ตั้งโครงการ ปีละ 1 ครั้ง

การจัดทำรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม เนื่องจากปัจจุบันมีสถานการณ์แพร่ระบาดของโรคติดเชื้อไวรัสโคโรนา 2019 (COVID-19) บริษัทที่ปรึกษา จึงได้ปฏิบัติตามแนวทางมาตรการป้องกันและควบคุมการแพร่ระบาดของโรคติดเชื้อไวรัสโคโรนา 2019 (COVID-19) ตามแนวทางของกระทรวงสาธารณสุข ประกาศสถานการณ์ฉุกเฉิน และคำสั่งต่าง ๆ ภายในจังหวัดอย่างเคร่งครัด เพื่อความปลอดภัย และสุขอนามัย โดยทำการสวมหน้ากากอนามัย หรือหน้ากากผ้าตลอดเวลาที่ทำการสัมภาษณ์ โครงการได้ดำเนินการสำรวจสภาพเศรษฐกิจ สังคมและความคิดเห็นของครัวเรือน ผู้นำท้องถิ่น รวมถึงตัวแทนหน่วยงานราชการต่างๆ ที่เกี่ยวข้อง และสถานประกอบการ ซึ่งดำเนินการระหว่างวันที่ 28 มิถุนายน - 4 กรกฎาคม พ.ศ. 2564 มีรายละเอียดการดำเนินงานดังนี้

### 2. วัตถุประสงค์

การสำรวจสภาพสังคม-เศรษฐกิจ และความคิดเห็นต่อการดำเนินโครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลฟ์ ปิพี จำกัด เพื่อรับฟังข้อคิดเห็น/ข้อเสนอแนะ/ข้อกังวลใจของประชาชน ผู้นำท้องถิ่น รวมถึงตัวแทนหน่วยงานราชการที่เกี่ยวข้อง และสถานประกอบการ ในช่วงดำเนินการที่ผ่านมาของโครงการ โดยมีวัตถุประสงค์ดังนี้

(1) เพื่อศึกษาสภาพสังคม-เศรษฐกิจ ได้แก่ การประกอบอาชีพ สุขอนามัย ระบบสาธารณสุข และสภาพความเป็นอยู่ของประชาชน รวมทั้ง เพื่อรับทราบสภาพปัญหาเกี่ยวกับสภาพแวดล้อมที่ส่งผลต่อการดำเนินชีวิตของประชาชนในปัจจุบัน



(2) เพื่อศึกษาการรับรู้ข้อมูลข่าวสาร ความต้องการรับทราบข้อมูลข่าวสารของโครงการ รวมทั้งความคิดเห็น และความพึงพอใจต่อการดำเนินงานในด้านต่างๆ ของโครงการ

(3) เพื่อรับฟังความคิดเห็นต่างๆ ต่อการดำเนินการที่ผ่านมาของโครงการร่วมกับชุมชน พร้อมทั้งรับฟังความคิดเห็น ข้อเสนอแนะต่อการดำเนินการ และการดำเนินกิจกรรมต่างๆ ร่วมกับชุมชน

(4) เพื่อนำข้อมูลการสำรวจความคิดเห็นประกอบการนำเสนอไว้ในรายงานผลการปฏิบัติตามมาตรการด้านสิ่งแวดล้อมของโครงการ ต่อสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม รวมทั้งรวบรวมข้อมูลที่ได้สำหรับใช้ในการประกอบการดำเนินกิจกรรมด้านต่างๆ ของโครงการต่อไป

### 3. พื้นที่ดำเนินการศึกษา

พื้นที่ศึกษากำหนดจากที่ตั้งโครงการ ภายในรัศมี 5 กิโลเมตร แสดงดังรูปที่ 1 ครอบคลุมพื้นที่ในเขตเทศบาลตำบลตลาดเกรียน เทศบาลตำบลคลองจิก เทศบาลตำบลปราสาททอง เทศบาลตำบลบางปะอิน เทศบาลตำบลบ้านกรด องค์การบริหารส่วนตำบลบ้านโพ องค์การบริหารส่วนตำบลวัดยม องค์การบริหารส่วนตำบลบ้านแป้ง องค์การบริหารส่วนตำบลบ้านหว้า องค์การบริหารส่วนตำบลชนอมหลวง องค์การบริหารส่วนตำบลคู้กลาน องค์การบริหารส่วนตำบลลี้ชัน องค์การบริหารส่วนตำบลบ้านพลับ องค์การบริหารส่วนตำบลสามเรือน อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา และองค์การบริหารส่วนตำบลบ้านบ่อตาโล่ อำเภอมโนรมย์ จังหวัดพระนครศรีอยุธยา รายละเอียดดังนี้

(1) เทศบาลตำบลตลาดเกรียน อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา จำนวน 7 ชุมชน ประกอบด้วย

- |                                  |                                  |
|----------------------------------|----------------------------------|
| 1) หมู่ที่ 1 บ้านตลาดเกรียนใต้   | 2) หมู่ที่ 2 บ้านตลาดเกรียนใต้   |
| 3) หมู่ที่ 3 บ้านตลาดเกรียนใต้   | 4) หมู่ที่ 4 บ้านตลาดเกรียนใต้   |
| 5) หมู่ที่ 5 บ้านตลาดเกรียนเหนือ | 6) หมู่ที่ 6 บ้านตลาดเกรียนเหนือ |
| 7) หมู่ที่ 7 บ้านตลาดเกรียนเหนือ |                                  |

(2) เทศบาลตำบลคลองจิก อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา จำนวน 8 ชุมชน ประกอบด้วย

- |                           |                           |
|---------------------------|---------------------------|
| 1) หมู่ที่ 1 บ้านคลองจิก  | 2) หมู่ที่ 2 บ้านลาว      |
| 3) หมู่ที่ 3 บ้านคลองทราย | 4) หมู่ที่ 4 บ้านคลองทราย |
| 5) หมู่ที่ 5 บ้านคลองทราย | 6) หมู่ที่ 6 บ้านคลองหลุม |
| 7) หมู่ที่ 7 บ้านคลองหลุม | 8) หมู่ที่ 8 บ้านเสาวังคา |

(3) เทศบาลตำบลปราสาททอง อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา จำนวน 4 ชุมชน ประกอบด้วย

- |                          |                           |
|--------------------------|---------------------------|
| 1) หมู่ที่ 1 บ้านโพเหนือ | 2) หมู่ที่ 2 บ้านโพเหนือ  |
| 3) หมู่ที่ 3 บ้านพราน    | 4) หมู่ที่ 11 บ้านท้องคู้ |



**(4) เทศบาลตำบลบางปะอิน อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา จำนวน 10 ชุมชน ประกอบด้วย**

- |                             |                               |
|-----------------------------|-------------------------------|
| 1) หมู่ที่ 2 บ้านเลนเหนือ   | 2) หมู่ที่ 3 บ้านพราน         |
| 3) หมู่ที่ 4 บ้านบางโหลง    | 4) หมู่ที่ 5 บ้านสะพานหก      |
| 5) หมู่ที่ 6 บ้านตลาดล่าง   | 6) หมู่ที่ 7 บ้านคลองกลางบ้าน |
| 7) หมู่ที่ 8 บ้านปากคลองลัด | 8) หมู่ที่ 9 บ้านหัวสะพาน     |
| 9) หมู่ที่ 10 บ้านท้ายเกาะ  | 10) หมู่ที่ 12 บ้านเกาะลอย    |

**(5) เทศบาลตำบลบ้านกรด อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา จำนวน 4 ชุมชน ประกอบด้วย**

- |                            |                          |
|----------------------------|--------------------------|
| 1) หมู่ที่ 8 บ้านกรด       | 2) หมู่ที่ 9 บ้านกรด     |
| 3) หมู่ที่ 10 บ้านคลองควาย | 4) หมู่ที่ 11 บ้านโคกวัด |

**(6) องค์การบริหารส่วนตำบลบ้านโพ อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา จำนวน 9 ชุมชน ประกอบด้วย**

- |                            |                            |
|----------------------------|----------------------------|
| 1) หมู่ที่ 1 บ้านพาสน์     | 2) หมู่ที่ 2 บ้านพาสน์     |
| 3) หมู่ที่ 3 บ้านโพ        | 4) หมู่ที่ 4 บ้านโพ        |
| 5) หมู่ที่ 5 บ้านเกาะพระ   | 6) หมู่ที่ 6 บ้านท่าแร่    |
| 7) หมู่ที่ 7 บ้านเกาะพระ   | 8) หมู่ที่ 8 บ้านสระกระโจม |
| 9) หมู่ที่ 9 บ้านสระกระโจม |                            |

**(7) องค์การบริหารส่วนตำบลวัดยม อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา จำนวน 7 ชุมชน ประกอบด้วย**

- |                        |                             |
|------------------------|-----------------------------|
| 1) หมู่ที่ 1 บ้านวัดยม | 2) หมู่ที่ 2 บ้านวัดยม      |
| 3) หมู่ที่ 3 บ้านวัดยม | 4) หมู่ที่ 4 บ้านกลางขุนแผน |
| 5) หมู่ที่ 6 บ้านบางผี | 6) หมู่ที่ 7 บ้านบางผี      |
| 7) หมู่ที่ 8 บ้านบางผี |                             |

**(8) องค์การบริหารส่วนตำบลบ้านแป้ง อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา จำนวน 4 ชุมชน ประกอบด้วย**

- |                       |                          |
|-----------------------|--------------------------|
| 1) หมู่ที่ 1 บ้านแป้ง | 2) หมู่ที่ 2 บ้านแป้ง    |
| 3) หมู่ที่ 3 บ้านปูน  | 4) หมู่ที่ 4 บ้านโคกเจ็ก |

**(9) องค์การบริหารส่วนตำบลบ้านหว้า อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา จำนวน 7 ชุมชน ประกอบด้วย**

- |                           |                         |
|---------------------------|-------------------------|
| 1) หมู่ที่ 1 บ้านไต้      | 2) หมู่ที่ 2 บ้านหว้า   |
| 3) หมู่ที่ 3 บ้านปากคลอง  | 4) หมู่ที่ 4 บ้านโรง    |
| 5) หมู่ที่ 5 บ้านหัวจรเข้ | 6) หมู่ที่ 6 บ้านนัยนาท |
| 7) หมู่ที่ 7 บ้านเสาวังคา |                         |



(10) องค์การบริหารส่วนตำบลชนอมหลวง อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา จำนวน 3 ชุมชน  
ประกอบด้วย

- |                            |                            |
|----------------------------|----------------------------|
| 1) หมู่ที่ 3 บ้านชนอมหลวง  | 2) หมู่ที่ 4 บ้านเสากระโดง |
| 3) หมู่ที่ 5 บ้านเสากระโดง |                            |

(11) องค์การบริหารส่วนตำบลคู้กลาน อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา จำนวน 4 ชุมชน  
ประกอบด้วย

- |                          |                          |
|--------------------------|--------------------------|
| 1) หมู่ที่ 1 บ้านทับแดง  | 2) หมู่ที่ 2 บ้านทับแดง  |
| 3) หมู่ที่ 3 บ้านคู้กลาน | 4) หมู่ที่ 4 บ้านคู้กลาน |

(12) องค์การบริหารส่วนตำบลตลิ่งชัน อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา จำนวน 6 ชุมชน  
ประกอบด้วย

- |                           |                           |
|---------------------------|---------------------------|
| 1) หมู่ที่ 1 บ้านสามง่าม  | 2) หมู่ที่ 2 บ้านในคลอง   |
| 3) หมู่ที่ 3 บ้านตลิ่งชัน | 4) หมู่ที่ 4 บ้านตลิ่งชัน |
| 5) หมู่ที่ 5 บ้านศาลเจ้า  | 6) หมู่ที่ 6 บ้านคลองขวาง |

(13) องค์การบริหารส่วนตำบลบ้านพลับ อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา จำนวน 5 ชุมชน  
ประกอบด้วย

- |                          |                        |
|--------------------------|------------------------|
| 1) หมู่ที่ 1 บ้านหัวบ้าน | 2) หมู่ที่ 2 บ้านขายน้ |
| 3) หมู่ที่ 3 บ้านหลังน้ำ | 4) หมู่ที่ 7 บ้านกลาง  |
| 5) หมู่ที่ 5 บ้านพลับ    |                        |

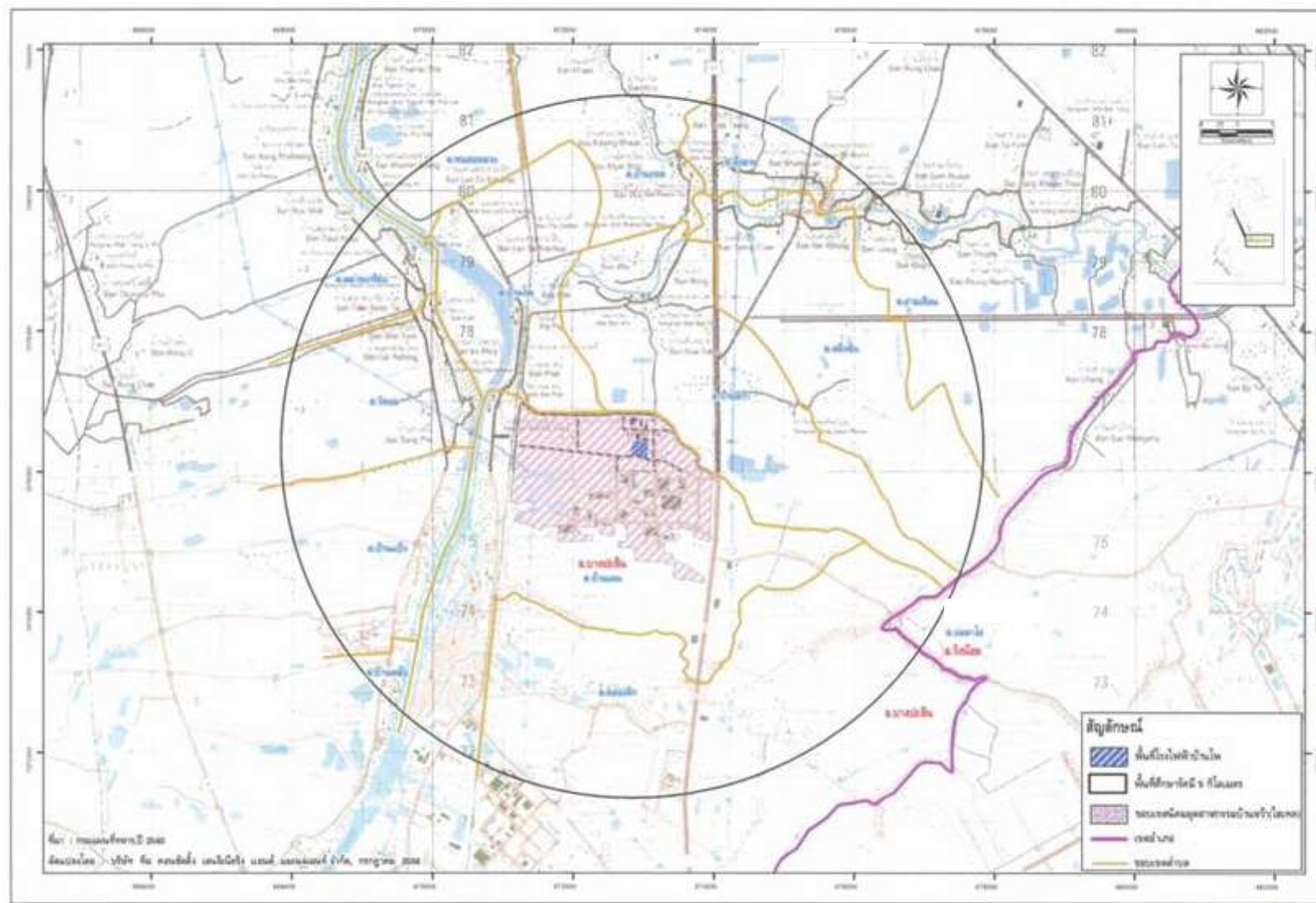
(14) องค์การบริหารส่วนตำบลบางสามเรือน อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา จำนวน 4 ชุมชน  
ประกอบด้วย

- |                       |                           |
|-----------------------|---------------------------|
| 1) หมู่ที่ 1 บ้านหลวง | 2) หมู่ที่ 2 บ้านสามเรือน |
| 3) หมู่ที่ 4 บ้านหอม  | 4) หมู่ที่ 8 บ้านเสาวังคา |

(15) องค์การบริหารส่วนตำบลบ้านบ่อตาโล่ อำเภอมโนรมย์ จังหวัดพระนครศรีอยุธยา จำนวน 2 ชุมชน  
ประกอบด้วย

- |                           |                           |
|---------------------------|---------------------------|
| 1) หมู่ที่ 6 บ้านงามผักตบ | 2) หมู่ที่ 7 บ้านเสาวังคา |
|---------------------------|---------------------------|



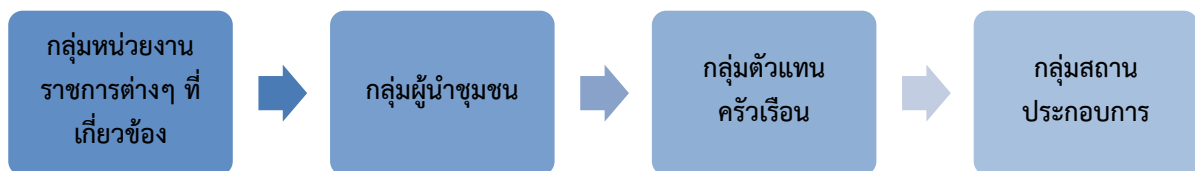


รูปที่ 1 : พื้นที่ศึกษาในการสำรวจความคิดเห็นต่อการดำเนินโครงการ รัศมี 5 กิโลเมตรรอบที่ตั้งโครงการ



#### 4. วิธีการศึกษา

การกำหนดลักษณะของกลุ่มตัวอย่างที่ดีซึ่งมีสองประการหลักด้วยกัน คือกลุ่มตัวอย่างต้องเป็นตัวแทนที่ดีของประชากรในพื้นที่ศึกษาและกลุ่มตัวอย่างต้องมีขนาดเหมาะสมพอเพียงในการคัดเลือกตัวแทนที่ดีของประชากรนั้นการวางแผนคัดเลือกหาตัวอย่างเริ่มต้นโดยการสำรวจพื้นที่เป้าหมายก่อนเพื่อศึกษาภาพรวมลักษณะการรวมตัวของประชากร ซึ่งพบว่าชุมชนที่อยู่ในพื้นที่ศึกษามีลักษณะการรวมตัวของประชากรที่คล้ายคลึงกัน ไม่แตกต่างกันมากนัก ได้แก่ เพศ อายุ การศึกษา และรายได้ เช่น ความรู้ ความคิดเห็นและความพึงพอใจ เป็นต้น ส่วนใหญ่มีการตั้งครัวเรือนรวมตัวกันเป็นกลุ่มอยู่ตามแนวถนน บริษัทที่ปรึกษาได้สำรวจความคิดเห็นของประชาชนในพื้นที่ศึกษาในระดับครัวเรือน โดยดำเนินการสำรวจความคิดเห็นรายครัวเรือนระหว่างวันที่ 28 มิถุนายน - 4 กรกฎาคม พ.ศ. 2564 โดยใช้แบบสอบถามเป็นเครื่องมือในการเก็บรวบรวมข้อมูลในด้านต่างๆ ทั้งนี้เพื่อให้การสำรวจครอบคลุมจึงกำหนดกลุ่มตัวอย่างที่สำรวจแบ่งเป็น 4 กลุ่ม ได้แก่



ซึ่งวิธีการสำรวจข้อมูล และการกำหนดจำนวนตัวอย่าง อธิบายได้ดังนี้

##### (1) กำหนดจำนวนตัวอย่างและการสุ่มตัวอย่าง

การกำหนดตัวอย่างและการสุ่มตัวอย่าง คือ การเลือกกลุ่มตัวแทนประชากรจากจำนวนประชากรทั้งหมด โดยใช้วิธีการศึกษาด้านประชากรศาสตร์ เพื่อนำข้อมูลมาวิเคราะห์ซึ่งข้อมูลเหล่านี้จะสะท้อนภาพความคิดเห็นของประชากร โดยคำนึงถึงการครอบคลุมของพื้นที่ศึกษาทั้งหมด ซึ่งพบว่าจำนวนประชากรที่สุ่มมาเป็นตัวอย่างมีสภาพทางสังคมที่คล้ายคลึงกัน ไม่แตกต่างกันมากนัก การศึกษาครั้งนี้จึงกำหนดกลุ่มตัวอย่างประกอบด้วย หน่วยงานต่างๆ ที่เกี่ยวข้อง ผู้นำชุมชน ตัวแทนครัวเรือน และสถานประกอบการ คือ

##### 1) หน่วยงานราชการต่างๆ ที่เกี่ยวข้อง

การสำรวจความคิดเห็นหน่วยงานที่เกี่ยวข้อง โดยใช้การเลือกตัวอย่างแบบเจาะจง (Purposive Sampling) ซึ่งมีหน้าที่บริหารจัดการในพื้นที่โดยตรง ดูแลด้านการพัฒนาท้องถิ่นเป็นหลัก ที่อยู่ในพื้นที่ศึกษาโครงการ โดยกลุ่มเป้าหมายประกอบด้วย หน่วยงานด้านการบริหารและการปกครอง และหน่วยงานด้านสถาบันการศึกษา/โรงเรียน ทั้งนี้หน่วยงานต่างๆ ที่ทำการสัมภาษณ์ประกอบด้วย



(ก) กลุ่มหน่วยงานด้านการบริหารและการปกครอง จำนวน 7 หน่วยงาน ได้แก่

- เทศบาลตำบลบ้านกรด
- เทศบาลตำบลปราสาททอง
- เทศบาลตำบลคลองจิก
- องค์การบริหารส่วนตำบลตลิ่งชัน
- องค์การบริหารส่วนตำบลบ้านพลับ
- องค์การบริหารส่วนตำบลบ้านห้วย
- องค์การบริหารส่วนตำบลบ้านโพ

(ข) กลุ่มหน่วยงานด้านสถาบันการศึกษา/โรงเรียน จำนวน 1 หน่วยงาน ได้แก่

- โรงเรียนวัดยม

2) ผู้นำชุมชน

การสำรวจความคิดเห็นผู้นำชุมชนใช้การเลือกตัวอย่างแบบเจาะจง (Purposive Sampling) เช่นเดียวกับหน่วยงานที่เกี่ยวข้อง ซึ่งกำหนดเป็นผู้นำชุมชนที่มีบทบาทหน้าที่ทางสังคมที่ได้รับการยอมรับจากชุมชน และสามารถให้ข้อมูลที่สะท้อนความคิดเห็นในภาพรวมของชุมชนได้ ซึ่งการศึกษาความคิดเห็นของชุมชนในครั้งนี้ เป็นการสุ่มตัวอย่างจากกลุ่มเป้าหมายประกอบด้วย ประธานชุมชน รองประธานชุมชน สมาชิกสภาเทศบาล กลุ่มอาสาสมัครสาธารณสุขประจำหมู่บ้าน (อสม.) และคณะกรรมการชุมชน ที่อยู่ในบริเวณพื้นที่ศึกษาของโครงการ

3) ครั้วเรือน

การสำรวจความคิดเห็นประชาชนได้ทำการเก็บตัวอย่างชุมชนที่อยู่ในรัศมีพื้นที่ศึกษา 5 กิโลเมตรรอบที่ตั้งโครงการ ใช้การแบ่งตามเขตการปกครองของเทศบาล และขององค์การบริหารส่วนตำบล โดยได้ทำการสุ่มให้กระจายครอบคลุมบริเวณพื้นที่ศึกษา และบริเวณที่มีการติดตั้งจุดตรวจวัดคุณภาพสิ่งแวดล้อมของโครงการ ทำการสัมภาษณ์ครั้วเรือนละ 1 ตัวอย่างเท่านั้น

● **การกำหนดขนาดของกลุ่มตัวอย่าง** การสุ่มตัวอย่างระดับประชาชนในการสำรวจในครั้งนี้ ได้ทำการกำหนดกลุ่มตัวอย่างโดยใช้สูตรของ Taro Yamane เนื่องจากเป็นสูตรที่ใช้คำนวณขนาดของกลุ่มตัวอย่างในกรณีที่ทราบจำนวนประชากรแน่นอน (จิตราภา กุณทลบุตร, 2550, Yamane, T. 1973: 1088) ดังนี้

$$n = \frac{N}{1 + Ne^2} \text{----- (1)}$$

โดยที่ n คือ จำนวนตัวอย่าง  
N คือ จำนวนหน่วยครั้วเรือนในพื้นที่ศึกษา  
e คือ ความคลาดเคลื่อนที่ยอมรับได้ (ร้อยละ 5)



ในที่นี้กำหนดระดับความเชื่อมั่นร้อยละ 95 หรือมีค่าความคลาดเคลื่อนเท่ากับ  $\pm 0.05$  เมื่อคำนวณจำนวนตัวอย่างโดยใช้สูตรของ Taro Yamane จากจำนวนครัวเรือนที่อยู่ในพื้นที่ที่อาศัยอยู่โดยรอบโครงการฯ ภายในพื้นที่รัศมี 5 กิโลเมตร จากที่ตั้งโครงการฯ

ในการคำนวณจำนวนตัวอย่างครั้งนี้ จะใช้วิธีการคำนวณตัวอย่างโดยใช้สูตรการคำนวณเดียวกันทั้งในพื้นที่ชุมชนในเขตเทศบาลตำบล และองค์การบริหารส่วนตำบล ในการคำนวณจะพิจารณาออกเป็น 2 กลุ่ม คือ กลุ่มชุมชนในเขตเทศบาลตำบล และชุมชนในเขตองค์การบริหารส่วนตำบล รายละเอียดตารางที่ 1 และสามารถแสดงวิธีการคำนวณได้ดังนี้

#### (1) การคำนวณตัวอย่างในเขตพื้นที่ศึกษาของเทศบาลตำบล

จำนวนครัวเรือนในเขตเทศบาลตำบลบริเวณพื้นที่ศึกษารัศมี 5 กิโลเมตร มีจำนวนครัวเรือนทั้งหมด 11,716 ครัวเรือน สามารถแทนค่าในสูตรดังสมการ (1) ได้ดังนี้

$$n = \frac{11,716}{1 + (11,716 \times (0.05)^2)}$$

$$n = 386.79$$

$$n \approx 387 \quad \text{ตัวอย่าง}$$

ดังนั้น ขนาดของกลุ่มตัวอย่างที่ทำการสำรวจต้องไม่น้อยกว่า 387 ตัวอย่าง

เมื่อคำนวณจำนวนตัวอย่างโดยใช้สมการที่ (1) จะนำมากระจายตามสัดส่วนของประชากรแต่ละชุมชนในพื้นที่ศึกษา เพื่อให้ทุกหน่วยของประชากรมีโอกาสถูกเลือกเท่าๆ กันดังสมการที่ (2)

$$A = \frac{n_1 n}{N} \quad \text{-----} (2)$$

เมื่อ	$n_1$	คือ	จำนวนครัวเรือนของชุมชนหรือหมู่บ้าน
	$N$	คือ	จำนวนครัวเรือนทั้งหมด
	$n$	คือ	จำนวนตัวอย่างทั้งหมดจากสมการ (1)
	$A$	คือ	จำนวนตัวอย่างของแต่ละหมู่บ้าน/ชุมชน

$$\text{ยกตัวอย่างเช่น : หมู่ที่ 1 บ้านตลาดเกรียนใต้} = \frac{113 \times 387}{11,716} \approx 3.7$$

สัดส่วนระหว่างจำนวนตัวอย่างกับจำนวนครัวเรือนแต่ละกลุ่มตัวอย่างในการสำรวจต้องไม่น้อยกว่า 387 ตัวอย่าง ซึ่งที่ปรึกษาได้ดำเนินการสำรวจจริงทั้งสิ้น 421 ตัวอย่าง โดยสัดส่วนตัวอย่างทั้งหมดกับจำนวนครัวเรือนในแต่ละชุมชน แสดงดังตารางที่ 1



## (2) การคำนวณตัวอย่างในเขตพื้นที่ศึกษาขององค์การบริหารส่วนตำบล

จำนวนครัวเรือนในเขตเทศบาลตำบลบริเวณพื้นที่ศึกษารัศมี 5 กิโลเมตร มีจำนวนครัวเรือนทั้งหมด 12,760 ครัวเรือน สามารถแทนค่าในสูตรดังสมการ (1) ได้ดังนี้

$$n = \frac{12,760}{1 + (12,760 \times (0.05)^2)}$$

$$n = 387.84$$

$$n \approx 388 \quad \text{ตัวอย่าง}$$

ดังนั้น ขนาดของกลุ่มตัวอย่างที่ทำการสำรวจต้องไม่น้อยกว่า 388 ตัวอย่าง

เมื่อคำนวณจำนวนตัวอย่างโดยใช้สมการที่ (1) จะนำมากระจายตามสัดส่วนของประชากรแต่ละชุมชนในพื้นที่ศึกษา เพื่อให้ทุกหน่วยของประชากรมีโอกาสถูกเลือกเท่าๆ กันดังสมการที่ (2)

$$\text{ยกตัวอย่างเช่น : หมู่ที่ 1 บ้านพาสน์} = \frac{99 \times 388}{12,760} \approx 3.0$$

สัดส่วนระหว่างจำนวนตัวอย่างกับจำนวนครัวเรือนแต่ละกลุ่มตัวอย่างในการสำรวจต้องไม่น้อยกว่า 388 ตัวอย่าง ซึ่งที่ปรึกษาได้ดำเนินการสำรวจจริงทั้งสิ้น 453 ตัวอย่าง โดยสัดส่วนตัวอย่างทั้งหมดกับจำนวนครัวเรือนในแต่ละชุมชน แสดงดังตารางที่ 1

**ตารางที่ 1** จำนวนตัวอย่างในการสำรวจสภาพเศรษฐกิจ-สังคม และความคิดเห็นต่อการดำเนินโครงการ

เขตการปกครอง	ชุมชน/หมู่บ้าน	จำนวนครัวเรือน	จำนวนตัวอย่างจากการคำนวณ	จำนวนตัวอย่างที่สำรวจจริง
<b>เขตเทศบาล</b>				
อำเภอบางปะอิน				
เทศบาลตำบลตลาดเกรียบ	หมู่ที่ 1 บ้านตลาดเกรียบใต้	113	3.7	5
	หมู่ที่ 2 บ้านตลาดเกรียบใต้	48	1.6	3
	หมู่ที่ 3 บ้านตลาดเกรียบใต้	64	2.1	3
	หมู่ที่ 4 บ้านตลาดเกรียบใต้	116	3.8	5
	หมู่ที่ 5 บ้านตลาดเกรียบเหนือ	107	3.5	5
	หมู่ที่ 6 บ้านตลาดเกรียบเหนือ	49	1.6	3
	หมู่ที่ 7 บ้านตลาดเกรียบเหนือ	153	5.1	6



**ตารางที่ 1** จำนวนตัวอย่างในการสำรวจสภาพเศรษฐกิจ-สังคม และความคิดเห็นต่อการดำเนินโครงการ (ต่อ)

เขตการปกครอง	ชุมชน/หมู่บ้าน	จำนวน ครัวเรือน	จำนวนตัวอย่าง จากการคำนวณ	จำนวนตัวอย่าง ที่สำรวจจริง
เทศบาลตำบลคลองจิก	หมู่ที่ 1 บ้านคลองจิก	195	6.4	7
	หมู่ที่ 2 บ้านลาว	3,008	99.4	100
	หมู่ที่ 3 บ้านคลองทราย	634	20.9	22
	หมู่ที่ 4 บ้านคลองทราย	444	14.7	16
	หมู่ที่ 5 บ้านคลองทราย	183	6.0	7
	หมู่ที่ 6 บ้านคลองหลุม	59	1.9	3
	หมู่ที่ 7 บ้านคลองหลุม	132	4.4	5
	หมู่ที่ 8 บ้านเสาวังคา	653	21.6	23
เทศบาลตำบล ปราสาททอง	หมู่ที่ 1 บ้านโพเหนือ	321	10.6	12
	หมู่ที่ 2 บ้านโพเหนือ	150	5.0	6
	หมู่ที่ 3 บ้านพราน	945	31.2	32
	หมู่ที่ 11 บ้านท้องคู้ง	1,579	52.2	53
เทศบาลตำบลบางปะอิน	หมู่ที่ 2 บ้านโพเหนือ	58	1.9	3
	หมู่ที่ 3 บ้านพราน	203	6.7	8
	หมู่ที่ 4 บ้านบางโหลง	256	8.5	9
	หมู่ที่ 5 บ้านสะพานหก	158	5.2	6
	หมู่ที่ 6 บ้านตลาดล่าง	548	18.1	19
	หมู่ที่ 7 บ้านคลองกลางบ้าน	143	4.7	6
	หมู่ที่ 8 บ้านปากคลองลัด	142	4.7	6
	หมู่ที่ 9 บ้านหัวสะแก	366	12.1	13
	หมู่ที่ 10 บ้านท้ายเกาะ	196	6.5	7
	หมู่ที่ 12 บ้านเกาะลอย	120	4.0	5
เทศบาลตำบลบ้านกรด	หมู่ที่ 8 บ้านกรด	159	5.3	6
	หมู่ที่ 9 บ้านกรด	140	4.6	6
	หมู่ที่ 10 บ้านคลองควาย	79	2.6	4
	หมู่ที่ 11 บ้านโคกวัด	195	6.4	7
รวมเขตเทศบาล		11,716	387	421



**ตารางที่ 1** จำนวนตัวอย่างในการสำรวจสภาพเศรษฐกิจ-สังคม และความคิดเห็นต่อการดำเนินโครงการ (ต่อ)

เขตการปกครอง	ชุมชน/หมู่บ้าน	จำนวน ครัวเรือน	จำนวนตัวอย่าง จากการคำนวณ	จำนวนตัวอย่าง ที่สำรวจจริง
<b>เขต อบต.</b>				
อำเภอบางปะอิน				
อบต.บ้านโพ	หมู่ที่ 1 บ้านพาสน์	99	3.0	4
	หมู่ที่ 2 บ้านพาสน์	139	4.2	5
	หมู่ที่ 3 บ้านโพ	91	2.8	4
	หมู่ที่ 4 บ้านโพ	83	2.5	6
	หมู่ที่ 5 บ้านเกาะพระ	88	2.7	4
	หมู่ที่ 6 บ้านท่าแร่	22	0.7	2
	หมู่ที่ 7 บ้านเกาะพระ	143	4.3	5
	หมู่ที่ 8 บ้านสระกระจับ	52	1.6	4
	หมู่ที่ 9 บ้านสระกระจับ	212	6.4	7
อบต.วัดยม	หมู่ที่ 1 บ้านวัดยม	102	3.1	4
	หมู่ที่ 2 บ้านวัดยม	36	1.1	3
	หมู่ที่ 3 บ้านวัดยม	110	3.3	4
	หมู่ที่ 4 บ้านกลางขุนแผน	174	5.3	6
	หมู่ที่ 6 บ้านบางผี	151	4.6	6
	หมู่ที่ 7 บ้านบางผี	41	1.2	4
	หมู่ที่ 8 บ้านบางผี	36	1.1	3
อบต.บ้านแปง	หมู่ที่ 1 บ้านแปง	123	3.7	5
	หมู่ที่ 2 บ้านแปง	89	2.7	4
	หมู่ที่ 3 บ้านปูน	370	11.3	12
	หมู่ที่ 4 บ้านโคกเจ๊ก	182	5.5	7
อบต.บ้านหว่า	หมู่ที่ 1 บ้านไต้	124	3.8	5
	หมู่ที่ 2 บ้านหว่า	226	6.9	8
	หมู่ที่ 3 บ้านปากคลอง	120	3.6	5
	หมู่ที่ 4 บ้านโรง	106	3.2	4
	หมู่ที่ 5 บ้านหัวจรเข้	220	6.7	8
	หมู่ที่ 6 บ้านนัยนาท	298	9.1	10
	หมู่ที่ 7 บ้านเสาวังคา	99	3.0	4
อบต.ชนอมหลวง	หมู่ที่ 3 บ้านชนอมหลวง	79	2.4	3
	หมู่ที่ 4 บ้านเสากะโดง	98	3.0	4
	หมู่ที่ 5 บ้านเสากะโดง	98	3.0	4



**ตารางที่ 1** จำนวนตัวอย่างในการสำรวจสภาพเศรษฐกิจ-สังคม และความคิดเห็นต่อการดำเนินโครงการ (ต่อ)

เขตการปกครอง	ชุมชน/หมู่บ้าน	จำนวน ครัวเรือน	จำนวนตัวอย่าง จากการคำนวณ	จำนวนตัวอย่าง ที่สำรวจจริง
อบต.คู้กลาน	หมู่ที่ 1 บ้านทับแดง	174	5.3	6
	หมู่ที่ 2 บ้านทับแดง	120	3.6	5
	หมู่ที่ 3 บ้านคู้กลาน	93	2.8	4
	หมู่ที่ 4 บ้านคู้กลาน	1,108	33.7	35
	หมู่ที่ 5 บ้านคู้กลาน	154	4.7	6
อบต.ตลิ่งชัน	หมู่ที่ 1 บ้านสามง่าม	47	1.4	4
	หมู่ที่ 2 บ้านในคลอง	150	4.6	6
	หมู่ที่ 3 บ้านตลิ่งชัน	77	2.3	3
	หมู่ที่ 4 บ้านตลิ่งชัน	482	14.7	16
	หมู่ที่ 5 บ้านศาลเจ้า	117	3.6	5
	หมู่ที่ 6 บ้านคลองขวาง	32	1.0	3
อบต.บ้านพลับ	หมู่ที่ 1 บ้านหัวบ้าน	109	3.3	4
	หมู่ที่ 2 บ้านขายน้	59	1.8	3
	หมู่ที่ 3 บ้านหลังน้ำ	53	1.6	4
	หมู่ที่ 4 บ้านกลาง	95	2.9	4
	หมู่ที่ 5 บ้านพลับ	274	8.3	9
อบต.สามเรือน	หมู่ที่ 1 บ้านหลวง	734	22.3	23
	หมู่ที่ 2 บ้านสามเรือน	4,748	144.4	145
	หมู่ที่ 4 บ้านหอม	65	2.0	3
	หมู่ที่ 8 บ้านเสาวังคา	69	2.1	3
อำเภอวังน้อย				
อบต.บ้านบ่อตาโล่	หมู่ที่ 6 บ้านงามผักตบ	96	2.9	4
	หมู่ที่ 7 บ้านเสาวังคา	93	2.8	4
รวมเขต อบต.		12,760	388	453
รวมทั้งหมด		24,476	775	874

หมายเหตุ : <sup>1/</sup>กรมการปกครอง กระทรวงมหาดไทย, 2562 สืบค้นข้อมูลเมื่อเดือนพฤษภาคม 2564

ที่มา : บริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด, 2564

#### 4) สถานประกอบการ

การสำรวจความคิดเห็นของสถานประกอบการที่อยู่โดยรอบพื้นที่โครงการฯ ได้ทำการเก็บตัวอย่าง โดยใช้วิธีการสุ่มตัวอย่างแบบเฉพาะเจาะจง (Purposive Sampling) ซึ่งทำการสำรวจรวมทั้งหมด 2 ตัวอย่าง



## (2) วิธีการเก็บตัวอย่างข้อมูลแบบสอบถามในภาคสนาม

การสำรวจด้านสภาพเศรษฐกิจและสังคม และความคิดเห็น ได้ดำเนินการระหว่างวันที่ 28 มิถุนายน - 4 กรกฎาคม พ.ศ. 2564 ทั้งนี้มีการเตรียมความพร้อมในส่วนของพนักงานสัมภาษณ์ภาคสนาม โดยที่ปรึกษาได้ทำการชี้แจงรายละเอียดของแบบสอบถาม วัตถุประสงค์และเป้าหมายในการสำรวจ ตลอดจนรายละเอียดเกี่ยวกับโครงการฯ ให้มีความรู้และความเข้าใจโครงการฯ ในระดับที่สามารถให้ข้อมูลเบื้องต้นแก่ผู้ให้สัมภาษณ์ได้ อย่างไรก็ตาม การเก็บข้อมูลของพนักงานสัมภาษณ์ได้ดำเนินการภายใต้การควบคุมดูแลของผู้มีประสบการณ์ภาคสนามซึ่งทำหน้าที่ตรวจสอบ แกไขให้ข้อมูลมีความถูกต้องและสมบูรณ์เพียงพอที่จะนำมาแปลผล โดยการสำรวจความคิดเห็นภาคสนามจากกลุ่มตัวอย่างครัวเรือนในแต่ละชุมชน ในพื้นที่ศึกษา ในครั้งนี้ ได้เลือกกลุ่มตัวอย่างครัวเรือนเพื่อเป็นตัวแทนมาศึกษา โดยใช้การเลือกกลุ่มตัวอย่างแบบการสุ่มตัวอย่างโดยอาศัยหลักความน่าจะเป็น (Probability Sampling) และใช้วิธีการสุ่มตัวอย่างแบบเป็นระบบ (Systematic Random Sampling) โดยจะกระจายการสุ่มตัวอย่างตามสัดส่วนครัวเรือนที่อาศัยอยู่ในแต่ละพื้นที่ โดยให้ครอบคลุมตำบลหลักในพื้นที่ศึกษาโดยจะกระจายการสุ่มตัวอย่างตามสัดส่วนครัวเรือนที่อาศัยอยู่ในแต่ละพื้นที่ โดยให้ครอบคลุมตำบลหลักในพื้นที่ศึกษา โดยมีขั้นตอนดังนี้

ขั้นตอนที่ 1: จำแนกครัวเรือนที่อาศัยอยู่โดยรอบโครงการฯ ภายในพื้นที่ศึกษา จากที่ตั้งโครงการฯ

ขั้นตอนที่ 2: ทำการสุ่มตัวอย่างครัวเรือนรายตำบล โดยทำการเก็บรวบรวมข้อมูลจากผู้แทนครัวเรือน ครัวเรือนละ 1 ราย โดยคำนึงถึงการกระจายของกลุ่มตัวอย่างให้สม่ำเสมอ จากนั้นจะทำการเก็บรวบรวมข้อมูลให้ได้ขนาดของจำนวนตัวอย่างครัวเรือนในแต่ละตำบลตามสัดส่วนจำนวนประชากร โดยมีวิธีการดังนี้

(ก) การสุ่มตัวอย่างครัวเรือนจะต้องสุ่มตัวอย่างครัวเรือนในตำบลที่ได้กำหนดไว้ และจำนวนตัวอย่างขั้นต่ำต้องเป็นไปตามที่ได้คำนวณตามสัดส่วนของชุมชนนั้นๆ

(ข) การเลือกพื้นที่เป้าหมายเบื้องต้นเพื่อสุ่มตัวอย่าง จะเลือกพื้นที่ที่มีจำนวนครัวเรือนหนาแน่นเป็นหลัก โดยพิจารณาจากแผนที่และการสำรวจเบื้องต้น และกำหนดให้สุ่มตัวอย่างกระจายอย่างทั่วถึงในพื้นที่นั้นๆ หากชุมชนที่ทำการสำรวจมีพื้นที่ที่มีจำนวนครัวเรือนหนาแน่นอื่นๆ จะทำการสำรวจให้ครอบคลุมทุกๆ พื้นที่ในชุมชนนั้นๆ ด้วยเพื่อให้เกิดการกระจายของตัวอย่างและให้เป็นตัวแทนที่ครอบคลุมทั้งตำบล

(ค) การเลือกครัวเรือนเป้าหมายเพื่อสุ่มตัวอย่าง จะไม่กำหนดว่าจะป็นหน่วยใด หรือครัวเรือนใด ทุกๆ ครัวเรือนมีโอกาสที่จะถูกเลือกเช่นเดียวกัน แต่จะสุ่มตัวอย่างตามความเหมาะสมของสถานการณ์ที่เกิดขึ้นในการสำรวจ เช่น ร้านค้า หรือบ้านเรือนที่สะดวกให้เข้าสัมภาษณ์และยินดีที่จะให้ความคิดเห็น แต่มีข้อกำหนดเบื้องต้นในการสุ่มตัวอย่าง โดยต้องทำการสุ่มตัวอย่างให้ครอบคลุมทั้งพื้นที่เป้าหมาย และต้องไม่มีการเลือกตัวอย่างจากความรู้สึกและอคติส่วนตัว (Bias) เช่น การเลือกสุ่มตัวอย่างเพื่อทำการสัมภาษณ์เฉพาะเพศชาย หรือช่วงอายุใดอายุหนึ่ง เป็นต้น

(ง) การตรวจสอบตัวอย่างครัวเรือนเป้าหมายเบื้องต้น เพื่อให้เป็นตัวแทนที่ดีของกลุ่มตัวอย่างครัวเรือน จะกำหนดให้พนักงานสัมภาษณ์สอบถามผู้ให้สัมภาษณ์ว่าเป็นผู้ที่อยู่อาศัยในพื้นที่เป้าหมายหรือไม่ หากเป็นผู้ที่อยู่อาศัยในพื้นที่จริงจะดำเนินการสัมภาษณ์ในขั้นตอนต่อไป



### (3) เครื่องมือที่ใช้ในการสำรวจสภาพสังคม-เศรษฐกิจ

การสำรวจด้านสภาพ เศรษฐกิจ สังคมในแต่ละชุมชนใช้วิธีการเข้าพบเป็นรายครัวเรือนโดยใช้แบบสัมภาษณ์เป็นเครื่องมือ ทั้งนี้ แบบสัมภาษณ์ที่ใช้มีโครงสร้างแน่นอนชัดเจน คำถามมีลักษณะเป็นคำถามปลายปิดและคำถามปลายเปิด โดยแบ่งแบบสอบถามออกเป็น 4 ประเภท คือ หน่วยงานต่างๆ ที่เกี่ยวข้อง ผู้นำชุมชน ครัวเรือน และสถานประกอบการ แสดงดังเอกสารแนบ 1 มีรายละเอียดดังนี้

#### 1) แบบสัมภาษณ์สำหรับหน่วยงานต่างๆ ที่เกี่ยวข้อง

- ข้อมูลทั่วไปของผู้ให้สัมภาษณ์
- ข้อมูลด้านสภาพแวดล้อมในปัจจุบันของหน่วยงาน/ชุมชน/พื้นที่รับผิดชอบในพื้นที่ของท่าน
- การรับทราบข้อมูล/ข่าวสาร และการมีส่วนร่วมกิจกรรมของโรงไฟฟ้า
- ผลกระทบและทัศนคติต่อการดำเนินงานของโรงไฟฟ้า
- ความเชื่อมั่น และความคิดเห็นต่อโรงไฟฟ้า

#### 2) แบบสัมภาษณ์สำหรับผู้นำชุมชน

- ข้อมูลทั่วไปของผู้ให้สัมภาษณ์
- สภาพเศรษฐกิจ สังคมของชุมชน
- ข้อมูลด้านสาธารณสุขและสาธารณสุขปโภคชุมชนของท่าน
- ข้อมูลด้านสภาพแวดล้อมในปัจจุบันของชุมชน
- การรับทราบข้อมูล/ข่าวสาร และการมีส่วนร่วมกิจกรรมของโรงไฟฟ้า
- ผลกระทบและทัศนคติต่อการดำเนินงานของโรงไฟฟ้า
- ความเชื่อมั่น และความคิดเห็นต่อโรงไฟฟ้า

#### 3) แบบสัมภาษณ์สำหรับครัวเรือน

- ข้อมูลทั่วไปของผู้ให้สัมภาษณ์
- ข้อมูลด้านสภาพเศรษฐกิจของครัวเรือน
- ข้อมูลด้านสุขภาพอนามัยและสาธารณสุขปโภค
- ข้อมูลด้านสภาพแวดล้อมในปัจจุบันของชุมชน
- การรับทราบข้อมูล/ข่าวสาร และการมีส่วนร่วมกิจกรรมของโรงไฟฟ้า
- ผลกระทบและทัศนคติต่อการดำเนินงานของโรงไฟฟ้า
- ความเชื่อมั่น และความคิดเห็นต่อโรงไฟฟ้า

#### 4) แบบสัมภาษณ์สำหรับสถานประกอบการ

- ข้อมูลทั่วไปของผู้ให้สัมภาษณ์
- การรับทราบข้อมูล/ข่าวสาร และการมีส่วนร่วมกิจกรรมของโรงไฟฟ้า
- ผลกระทบและทัศนคติต่อการดำเนินงานของโรงไฟฟ้า
- ความเชื่อมั่น และความคิดเห็นต่อโรงไฟฟ้า



## 5. การวิเคราะห์ข้อมูล

ข้อมูลที่ได้จากการสัมภาษณ์โดยใช้แบบสอบถาม จะถูกนำมาวิเคราะห์ และประมวลผลการศึกษาโดยการวิเคราะห์ข้อมูลจะใช้โปรแกรมสำเร็จรูปทางสถิติ (Statistics Package for the Social Sciences) ซึ่งมีขั้นตอนโดยจัดเตรียมคู่มือการลงรหัสเพื่อเปลี่ยนข้อมูลจากแบบสอบถามเป็นรหัสสำหรับการบันทึกข้อมูลก่อนที่จะทำการลงรหัสนั้นได้ทำการตรวจสอบความถูกต้องของข้อมูลแบบสอบถามให้ถูกต้อง เมื่อได้ทำการแปลผล และจัดทำตารางแสดงข้อมูลเป็นรูปแบบตารางแจกแจงความถี่ ร้อยละ โดยนำเสนอผลการสำรวจความคิดเห็นแยกเป็นระดับหน่วยงานต่างๆ ที่เกี่ยวข้อง ผู้นำชุมชน ครุฑเรือน และสถานประกอบการ พร้อมทั้งบรรยายสรุปผลการสำรวจความคิดเห็นเป็นร้อยละ แยกตามกลุ่มเป้าหมายตามที่กล่าวข้างต้น

## 6. การแปลผลข้อมูล

### 1) การแปลผลโดยใช้ค่าร้อยละ

วิธีการโดยหาความถี่ (จำนวน) ในแต่ละคำตอบ แล้วแปลความถี่เหล่านั้นให้อยู่ในรูปร้อยละ ข้อมูลที่ใช้การวิเคราะห์ลักษณะนี้เป็นแบบสอบถามปลายปิด มีลักษณะให้เลือกตอบ

### 2) การแปลผลแบบมาตราส่วนประมาณค่า

คำถามเพื่อต้องการทราบความคิดเห็นที่มีลักษณะคำถามเป็นแบบมาตราส่วนประมาณค่าของลิเคิร์ต (Likert Scale) และใช้การวัดข้อมูลประเภทอันตรภาคชั้น (Interval Scale) ได้ทำการหาค่าเฉลี่ยคะแนนความคิดเห็น โดยกำหนดคะแนนแทนน้ำหนักให้แต่ละช่วงของระดับความคิดเห็นแล้วคำนวณค่าเฉลี่ยจากนั้นนำค่าเฉลี่ยที่ได้ไปเทียบกับเกณฑ์การแปลความหมาย ซึ่งการหาค่าเฉลี่ยโดยทั่วไปก็มักจะใช้ผลรวมของผลคูณระหว่างค่าน้ำหนักของแต่ละระดับกับค่าความถี่ในระดับนั้น แล้วหารด้วยความถี่ทั้งหมด การแปลความหมายคะแนนเฉลี่ยในแต่ละระดับใช้เกณฑ์ในการแปลความหมายคะแนนตามเกณฑ์ของเบสท์ (Best 1981:179-187) โดยมีหลักเกณฑ์การให้คะแนน ดังนี้

การประเมินระดับความพึงพอใจ มีเกณฑ์การให้คะแนน ดังนี้

ระดับมากที่สุด	ให้	5	คะแนน
ระดับมาก	ให้	4	คะแนน
ระดับปานกลาง	ให้	3	คะแนน
ระดับน้อย	ให้	2	คะแนน
ระดับน้อยที่สุด	ให้	1	คะแนน

การแปลความหมายคะแนนเฉลี่ย ดังนี้

คะแนนเฉลี่ย 4.51 - 5.00	หมายถึง	มากที่สุด
คะแนนเฉลี่ย 3.51 - 4.50	หมายถึง	มาก
คะแนนเฉลี่ย 2.51 - 3.50	หมายถึง	ปานกลาง
คะแนนเฉลี่ย 1.51 - 2.50	หมายถึง	น้อย
คะแนนเฉลี่ย 1.00 - 1.50	หมายถึง	น้อยที่สุด



## 7. ผลการสำรวจสภาพเศรษฐกิจ-สังคม

ผลการศึกษาสภาพเศรษฐกิจ สังคม และความคิดเห็นรายครัวเรือน โดยทั่วไปของพื้นที่ศึกษาจากตัวแทนหน่วยงานต่างๆ ผู้นำชุมชน ตัวแทนประชาชน และสถานประกอบการ บรรยายภาพการสำรวจความคิดเห็น แสดงดังรูปที่ 2 และรูปที่ 3 สรุปผลการสำรวจความคิดเห็นได้ดังนี้



ตัวแทนครัวเรือนหมู่ที่ 2 บ้านสามเรือน  
องค์การบริหารส่วนตำบลสามเรือน



ตัวแทนครัวเรือนหมู่ที่ 1 บ้านหลวง  
องค์การบริหารส่วนตำบลสามเรือน



ตัวแทนครัวเรือนหมู่ที่ 7 บ้านเสาวังคาเทศบาล  
องค์การบริหารส่วนตำบลบ้านบ่อตาโล่



ตัวแทนครัวเรือนหมู่ที่ 4 บ้านคู้กลาน  
องค์การบริหารส่วนตำบลลิ้งขัน



ตัวแทนครัวเรือนหมู่ที่ 10 บ้านคลองควาย  
เทศบาลเมืองบ้านกรด



หมู่ที่ 10 บ้านท้ายเกาะ  
เทศบาลตำบลบางปะอิน

รูปที่ 2 : บรรยายภาพการสำรวจความคิดเห็นตัวแทนครัวเรือนในรัศมี 5 กิโลเมตร





ผู้นำชุมชนหมู่ที่ 1 บ้านเลนเหนือ  
เทศบาลตำบลปราสาททอง



ผู้นำชุมชนหมู่ที่ 7 บ้านเสาวังคา  
องค์การบริหารส่วนตำบลบ้านบ่อตาโล่



ผู้นำชุมชนหมู่ที่ 10 บ้านคลองควาย  
เทศบาลเมืองบ้านกรวด



ผู้นำชุมชนหมู่ที่ 8 บ้านกรวด  
เทศบาลเมืองบ้านกรวด



ผู้นำชุมชนหมู่ที่ 10 บ้านท้ายเกาะ  
เทศบาลตำบลบางปะอิน



ผู้นำชุมชนหมู่ที่ 6 บ้านตลาดล่าง  
เทศบาลตำบลบางปะอิน

รูปที่ 3 : บรรยากาศการสำรวจความคิดเห็นผู้นำชุมชนในรัศมี 5 กิโลเมตร



### (1) ผลการสำรวจความคิดเห็นของกลุ่มหน่วยงานราชการที่เกี่ยวข้อง

โครงการได้ทำการสัมภาษณ์ตัวแทนหน่วยงานราชการในพื้นที่ศึกษา ประกอบด้วย หน่วยงานปกครองส่วนท้องถิ่น หน่วยงานด้านสาธารณสุข สถาบันการศึกษา และศาสนสถาน โดยทำการสัมภาษณ์ตัวแทนหน่วยงาน จำนวน 16 ตัวอย่าง ซึ่งทางที่ปรึกษาสามารถสำรวจและเก็บข้อมูลได้จริง จำนวน 8 ตัวอย่าง และจำนวนตัวอย่างที่เหลือ 8 ตัวอย่างได้แก่ 1) เทศบาลตำบลบางปะอิน 2) เทศบาลตำบลลาดเกรียน 3) องค์การบริหารส่วนตำบลวัดยม 4) องค์การบริหารส่วนตำบลบางบ้านแปง 5) องค์การบริหารส่วนตำบลบ่อตาโล่ 6) องค์การบริหารส่วนตำบลสามเรือน 7) องค์การบริหารส่วนตำบลชนอมหลวง และ 8) องค์การบริหารส่วนตำบลคู้จาน ทางหน่วยงานไม่ทำการตอบแบบสอบถาม

อย่างไรก็ตาม ได้ดำเนินการจัดส่งหนังสือขอความอนุเคราะห์ตอบแบบสำรวจความคิดเห็น โดยได้จัดส่งจดหมาย อีเมล และการโทรติดต่อตรงไปยังหน่วยงานดังกล่าวอีกหลายครั้ง จำนวน 8 หน่วยงาน และรอการตอบกลับถึงวันที่ 26 กรกฎาคม พ.ศ. 2564 แต่ไม่ได้รับการตอบกลับ (แสดงรายละเอียดของกลุ่มตัวอย่างอ้างอิงถึง ตารางที่ 2) และผลการสำรวจความคิดเห็น แสดงดังเอกสารแนบ 2 และสามารถสรุปรายละเอียดของผลการศึกษาได้ดังนี้

### ตารางที่ 2 แสดงจำนวนตัวอย่างของกลุ่มหน่วยงานราชการ

ลำดับ	ชื่อหน่วยงานราชการ	ตำแหน่ง
1	เทศบาลบ้านกรด	ไม่ระบุ
2	เทศบาลตำบลปราสาททอง	นักวิชาการสาธารณสุขชำนาญการ
3	เทศบาลตำบลคลองจิก	นักวิชาการสุขาภิบาล
4	โรงเรียนวัดยม	ผู้อำนวยการโรงเรียน
5	อบต.ตลิ่งชัน	นักวิชาการสาธารณสุขชำนาญการ
6	อบต.บ้านพลับ	ไม่ระบุ
7	อบต.บ้านหว่า	ผู้อำนวยการกองสิ่งแวดล้อม
8	อบต.บ้านโพ	นักวิเคราะห์นโยบายและแผนปฏิบัติการ

ที่มา : รวบรวมโดยบริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด, 2564

#### 1) ข้อมูลทั่วไป

ผู้ให้สัมภาษณ์ส่วนใหญ่เป็นเพศหญิง ร้อยละ 62.5 และเป็นเพศชาย ร้อยละ 37.5 โดยมีอายุอยู่ระหว่าง 31-40 ปี ร้อยละ 50.0 รองลงมาคืออายุอยู่ระหว่าง 41-50 ปี และระหว่าง 51-60 ปี ร้อยละ 25.0 สัดส่วนที่เท่ากัน เมื่อสอบถามถึงด้านการศึกษา พบว่า ผู้ให้สัมภาษณ์มีระดับการศึกษาอยู่ในระดับสูงกว่าปริญญาตรี และสูงกว่าปริญญาตรี ร้อยละ 50.0 สัดส่วนที่เท่ากัน ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ดำรงตำแหน่งเป็นนักวิชาการสาธารณสุขชำนาญการ ร้อยละ 25.0 รองลงมาดำรงตำแหน่งเป็นผู้อำนวยการโรงเรียน ผู้อำนวยการกองสิ่งแวดล้อม นักวิเคราะห์นโยบายและแผนปฏิบัติการ และนักวิชาการสุขาภิบาล ร้อยละ 12.5 สัดส่วนที่เท่ากัน โดยผู้ให้สัมภาษณ์ส่วนใหญ่มีระยะเวลาในการดำรงตำแหน่งระหว่าง 11 - 15 ปี ร้อยละ 50.0 รองลงมาดำรงตำแหน่งระหว่าง 1-5 ปี ร้อยละ 37.5 เมื่อสอบถามถึงจำนวนบุคลากรในหน่วยงาน พบว่า ผู้ให้สัมภาษณ์มีบุคลากรในหน่วยงานระหว่าง 41-50 คน ร้อยละ 25.0 รองลงมาคือบุคลากรในหน่วยงานระหว่าง 10 -20 คน ระหว่าง 21 -30 คน และมากกว่า 50 คน ร้อยละ 12.5 สัดส่วนที่เท่ากัน



เมื่อสอบถามถึงภูมิฐานะของผู้ให้สัมภาษณ์ทั้งหมด ระบุว่าย้ายมาจากที่อื่น ซึ่งส่วนใหญ่ย้ายมาจากจังหวัดในภาคเหนือ และภาคกลาง ร้อยละ 37.5 สัดส่วนที่เท่ากัน โดยมีระยะเวลาอาศัยอยู่ในพื้นที่ระหว่าง 1-5 ปี ระหว่าง 6 -10 ปี ระหว่าง 11 - 15 ปี และมากกว่า 20 ปีขึ้นไป ร้อยละ 25.0 สัดส่วนที่เท่ากัน

## 2) สภาพแวดล้อมในปัจจุบัน

ผลจากการสัมภาษณ์ถึงสภาพสิ่งแวดล้อมในปัจจุบัน พบว่า ผู้ให้สัมภาษณ์ระบุว่าในระยะ 1 ปีที่ผ่านมาสภาพสิ่งแวดล้อมในชุมชนที่อาศัยมีการเปลี่ยนแปลงไปจากเดิมเล็กน้อย ร้อยละ 50.0 รองลงมาสภาพสิ่งแวดล้อมมีการเปลี่ยนแปลงไปจากเดิมปานกลาง ร้อยละ 25.0 สภาพสิ่งแวดล้อมมีการเปลี่ยนแปลงไปจากเดิมมาก และสภาพสิ่งแวดล้อมไม่มีการเปลี่ยนแปลงไปจากเดิม ร้อยละ 12.5 สัดส่วนที่เท่ากัน ส่วนผู้ที่ระบุว่าชุมชนมีการเปลี่ยนแปลงโดยส่วนใหญ่ 3 อันดับแรก พบว่ามีการคมนาคม การเกิดโรคระบาด ประชากรเพิ่มขึ้น ประชากรแออัดจำนวนมาก การก่อสร้างเพิ่มขึ้น และอากาศร้อนมากขึ้น ร้อยละ 14.3 สัดส่วนที่เท่ากัน

### ผลกระทบด้านสิ่งแวดล้อม

สำหรับปัญหาความเดือดร้อน/ความรำคาญด้านสิ่งแวดล้อมในชุมชนที่ได้รับในปัจจุบัน ดังแสดงในตารางที่ 3 โดยสามารถสรุปปัญหาได้ 3 อันดับแรก ดังนี้

- **อันดับ 1 ฝุ่นละออง และควัน/เขม่า** พบว่า เป็นปัญหาที่ได้รับมากที่สุด ร้อยละ 75.0 สัดส่วนที่เท่ากัน ซึ่งมีระดับของผลกระทบที่ได้รับส่วนใหญ่อยู่ในระดับปานกลาง ร้อยละ 50.0 สัดส่วนที่เท่ากัน โดยฝุ่นละออง มีสาเหตุของผลกระทบส่วนใหญ่ระบุว่าเกิดจากการจราจร ร้อยละ 33.3 และควัน/เขม่า มีสาเหตุของผลกระทบส่วนใหญ่ระบุว่าเกิดจากการจราจร ร้อยละ 66.7

- **อันดับ 2 กลิ่นเหม็น ขยะมูลฝอย ดินเสื่อมคุณภาพ ถนนชำรุด/การคมนาคมไม่สะดวก และการจราจร/อุบัติเหตุ** พบว่า เป็นปัญหาที่ได้รับรองลงมา ร้อยละ 62.5 สัดส่วนที่เท่ากัน ซึ่งกลิ่นเหม็น มีระดับของผลกระทบที่ได้รับส่วนใหญ่อยู่ในระดับปานกลาง ร้อยละ 60.0 โดยสาเหตุของผลกระทบส่วนใหญ่ระบุว่าเกิดจากชุมชน ร้อยละ 20.0 สำหรับขยะมูลฝอย มีระดับของผลกระทบที่ได้รับส่วนใหญ่อยู่ในระดับปานกลาง ร้อยละ 80.0 โดยสาเหตุของผลกระทบส่วนใหญ่ระบุว่าเกิดจากจัดเก็บขยะไม่ทัน ร้อยละ 40.0 ส่วนดินเสื่อมคุณภาพ มีระดับของผลกระทบที่ได้รับส่วนใหญ่อยู่ในระดับน้อย และอยู่ในระดับมาก ร้อยละ 40.0 สัดส่วนที่เท่ากัน โดยสาเหตุของผลกระทบส่วนใหญ่ระบุว่าเกิดจากการใช้สารเคมี และชุมชนโรงงาน ร้อยละ 20.0 สัดส่วนที่เท่ากัน ถนนชำรุด/การคมนาคมไม่สะดวก มีระดับของผลกระทบที่ได้รับส่วนใหญ่อยู่ในระดับปานกลาง และอยู่ในระดับมาก ร้อยละ 40.0 สัดส่วนที่เท่ากัน โดยสาเหตุของผลกระทบส่วนใหญ่ระบุว่าเกิดจากการจราจร ร้อยละ 40.0 และการจราจร/อุบัติเหตุ มีระดับของผลกระทบที่ได้รับส่วนใหญ่อยู่ในระดับน้อย และอยู่ในระดับมาก ร้อยละ 40.0 สัดส่วนที่เท่ากัน โดยสาเหตุของผลกระทบส่วนใหญ่ระบุว่าเกิดจากความประมาท ร้อยละ 20.0



■ **อันดับ 3 เสียงดัง น้ำท่วมขัง และน้ำเสีย** พบว่า เป็นปัญหาที่ได้รับ ร้อยละ 50.0 สัดส่วนที่เท่ากัน ซึ่งเสียงดัง และน้ำท่วมขัง มีระดับของผลกระทบที่ได้รับส่วนใหญ่อยู่ในระดับปานกลาง ร้อยละ 50.0 สัดส่วนที่เท่ากัน โดยเสียงดัง สาเหตุของผลกระทบทั้งหมดระบุว่าไม่ทราบแหล่งที่มา และน้ำท่วมขัง สาเหตุของผลกระทบส่วนใหญ่ระบุว่าเกิดจากชุมชน และโรงงาน ร้อยละ 25.0 และน้ำเสีย มีระดับของผลกระทบที่ได้รับส่วนใหญ่อยู่ในระดับปานกลาง ร้อยละ 75.0 โดยน้ำเสีย มีสาเหตุของผลกระทบส่วนใหญ่ระบุว่าเกิดจากประชากรเพิ่มขึ้น ร้อยละ 25.0

**ตารางที่ 3** ความคิดเห็นของผู้ให้สัมภาษณ์ต่อปัญหาความเดือดร้อน/ความรำคาญด้านสิ่งแวดล้อมที่ได้รับในปัจจุบัน

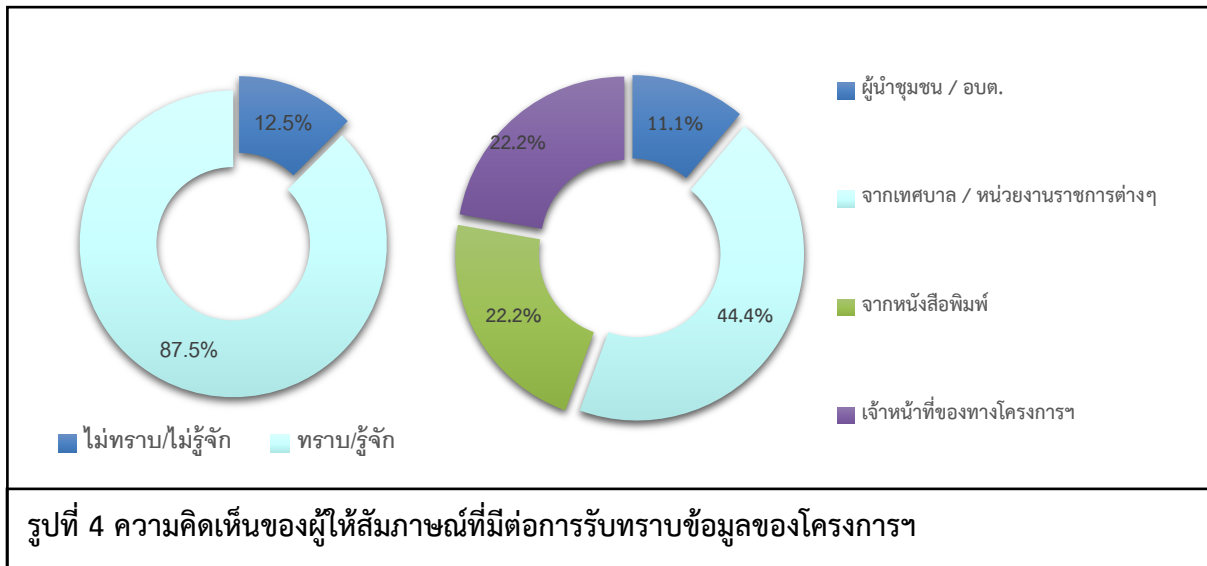
ผลกระทบ	ไม่มี (ร้อยละ)	มี (ร้อยละ)	ระดับผลกระทบ (ร้อยละ)			สาเหตุของผลกระทบ
			น้อย	ปานกลาง	มาก	
1. ฝุ่นละออง*	25.0	75.0	33.3	50.0	16.7	- โรงงาน (16.7%) - การจราจร (33.3%) - ไม่ทราบที่มา (50.0%)
2. คว้น/เขม่า*	25.0	75.0	33.3	50.0	16.7	- การจราจร (66.7%) - การเผา (16.7%) - ไม่ทราบที่มา (16.7%)
3. กลิ่นเหม็น**	37.5	62.5	40.0	60.0	0.0	- ชุมชน (20.0%) - ไม่ทราบที่มา (80.0%)
4. เสียงดัง***	50.0	50.0	25.0	50.0	25.0	- ไม่ทราบที่มา (100.0%)
5. ขยะมูลฝอย**	37.5	62.5	0.0	80.0	20.0	- ชุมชน (20.0%) - จัดเก็บขยะไม่ทัน (40.0%) - ไม่ทราบที่มา (40.0%)
6. น้ำเสีย***	50.0	50.0	0.0	75.0	25.0	- ประชากรเพิ่มขึ้น (25.0%) - ไม่ทราบที่มา (75.0%)
7. น้ำท่วมขัง***	50.0	50.0	25.0	50.0	25.0	- ชุมชน โรงงาน (25.0%) - ไม่ทราบที่มา (75.0%)
8. ดินเสื่อม คุณภาพ**	37.5	62.5	40.0	20.0	40.0	- การใช้สารเคมี (20.0%) - ชุมชน โรงงาน (20.0%) - ไม่ทราบที่มา (60.0%)
9. ถนนชำรุด/การ คมนาคมไม่สะดวก**	37.5	62.5	20.0	40.0	40.0	- อยู่ระหว่างปรับปรุง (20.0%) - การจราจร (40.0%) - ไม่ทราบที่มา (40.0%)
10.การจราจร/ อุบัติเหตุ**	37.5	62.5	40.0	20.0	40.0	- ประมาท (20.0%) - ไม่ทราบที่มา (80.0%)

ที่มา : รวบรวมโดยบริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด, 2564

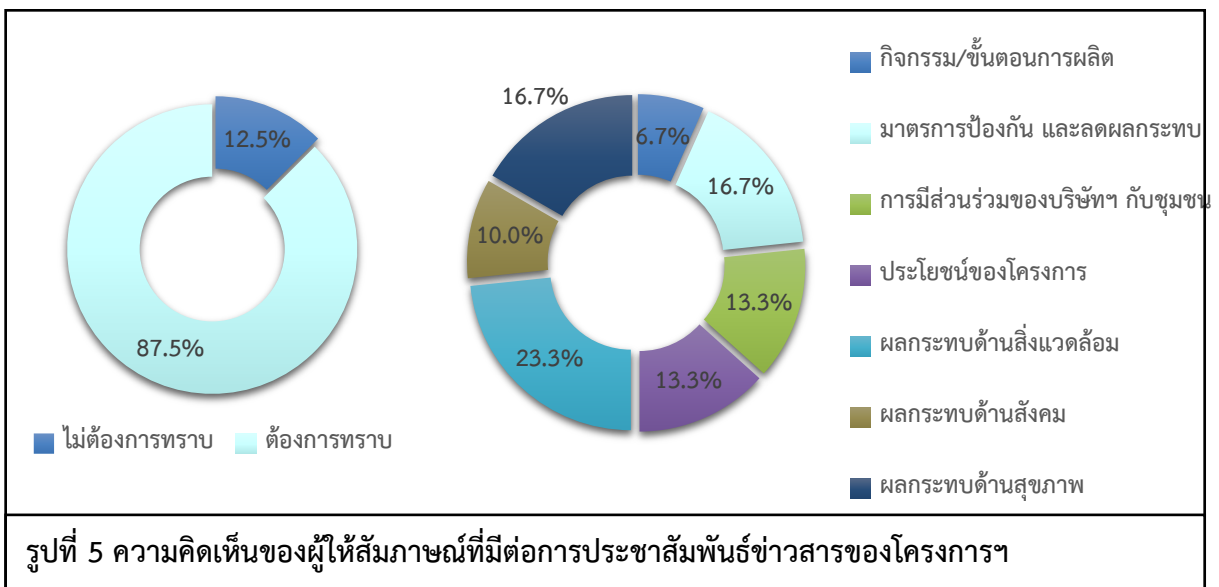


### 3) การรับทราบข้อมูล/ข่าวสาร และการมีส่วนร่วมกิจกรรมของโรงไฟฟ้า

ความคิดเห็นเกี่ยวกับโครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลป์ บีพี จำกัด พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ทราบ/รู้จักโรงไฟฟ้า ร้อยละ 87.5 รองลงมาไม่ทราบ/ไม่รู้จัก ร้อยละ 12.5 ส่วนผู้ให้สัมภาษณ์ที่ระบุว่าทราบนั้นโดย 3 อันดับแรก ทราบจากเทศบาล / หน่วยงานราชการต่างๆ ร้อยละ 44.4 รองลงมาทราบจากหนังสือพิมพ์ และเจ้าหน้าที่ของทางโครงการฯ ร้อยละ 22.2 สัดส่วนที่เท่ากัน และทราบจากผู้นำชุมชน / อบต. ร้อยละ 11.1 โดยมีรายละเอียดดังรูปที่ 4

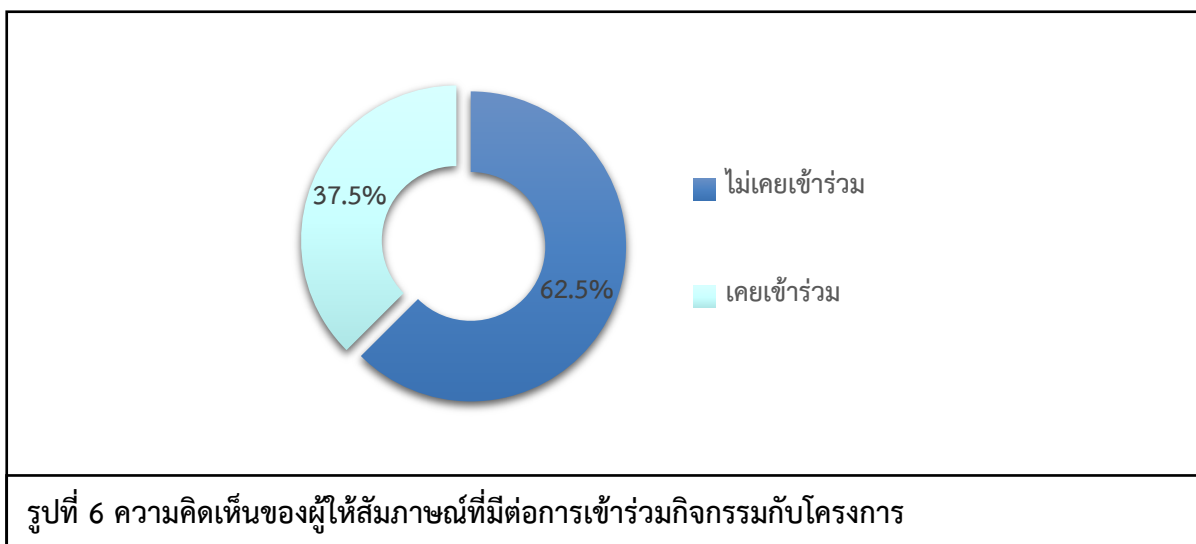


สำหรับข้อมูลการประชาสัมพันธ์ข่าวสารของโรงไฟฟ้าฯ พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการรับทราบข้อมูล/ข่าวสารเกี่ยวกับโรงไฟฟ้าฯ ร้อยละ 87.5 รองลงมาไม่ต้องการรับทราบข้อมูล/ข่าวสารโรงไฟฟ้าฯ ร้อยละ 12.5 ทั้งนี้ข้อมูลที่ผู้ให้สัมภาษณ์ต้องการให้มีการประชาสัมพันธ์เพิ่มเติมโดย 3 อันดับแรก ต้องการทราบข้อมูลเกี่ยวกับผลกระทบด้านสิ่งแวดล้อม ร้อยละ 23.3 รองลงมาต้องการทราบมาตรการป้องกัน และลดผลกระทบ และผลกระทบด้านสุขภาพ ร้อยละ 16.7 สัดส่วนที่เท่ากัน และต้องการทราบการมีส่วนร่วมของบริษัทฯ กับชุมชน และประโยชน์ของโครงการ ร้อยละ 13.3 สัดส่วนที่เท่ากัน ตามลำดับ โดยมีรายละเอียดดังรูปที่ 5





สำหรับกิจกรรมที่โรงไฟฟ้าจัดขึ้น พบว่าผู้ให้สัมภาษณ์ไม่สามารถระบุกิจกรรมที่โรงไฟฟ้าจัดขึ้นได้ และสามารถระบุกิจกรรมที่โรงไฟฟ้าจัดขึ้นได้ ร้อยละ 50.0 สัดส่วนที่เท่ากัน เมื่อสอบถามถึงการเข้าร่วมกิจกรรมกับทางโรงไฟฟ้า ผู้ให้สัมภาษณ์ส่วนใหญ่ระบุว่าไม่เคยเข้าร่วมกิจกรรมกับโรงไฟฟ้า ร้อยละ 62.5 รองลงมาเคยเข้าร่วมกิจกรรม ร้อยละ 37.5 โดยผู้ให้สัมภาษณ์ที่ระบุว่าเคยเข้าร่วมกิจกรรม เนื่องจากเป็นเจ้าหน้าที่ในโครงการ โดยมีรายละเอียดดังรูปที่ 6



เมื่อสอบถามถึงการรู้จักกิจกรรมที่โรงไฟฟ้า จัดขึ้น ซึ่งมีรายละเอียดดังตารางที่ 4 โดยสามารถสรุปได้ดังนี้

- **กิจกรรมร่วมประชุม** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม ร้อยละ 62.5 รองลงมารู้จักกิจกรรม ร้อยละ 37.5 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 87.5 รองลงมาไม่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 12.5
- **กิจกรรมศึกษาดูงาน** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม ร้อยละ 62.5 รองลงมารู้จักกิจกรรม ร้อยละ 37.5 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 87.5 รองลงมาไม่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 12.5
- **กิจกรรมอบรมให้ความรู้** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่รู้จักกิจกรรม ร้อยละ 75.0 รองลงมาไม่รู้จักกิจกรรม ร้อยละ 25.0 ซึ่งผู้ให้สัมภาษณ์ทั้งหมดต้องการให้ดำเนินการต่อเนื่อง
- **กิจกรรมให้ทุนการศึกษานักเรียน** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม และรู้จักกิจกรรม ร้อยละ 50.0 สัดส่วนที่เท่ากัน ซึ่งผู้ให้สัมภาษณ์ทั้งหมดต้องการให้ดำเนินการต่อเนื่อง
- **กิจกรรมวันเด็ก** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่รู้จักกิจกรรม ร้อยละ 62.5 รองลงมาไม่รู้จักกิจกรรม ร้อยละ 37.5 ซึ่งผู้ให้สัมภาษณ์ทั้งหมดต้องการให้ดำเนินการต่อเนื่อง



- **สนับสนุนกิจกรรมในชุมชน** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม และรู้จักกิจกรรม ร้อยละ 50.0 สัดส่วนที่เท่ากัน ซึ่งผู้ให้สัมภาษณ์ทั้งหมดต้องการให้ดำเนินการต่อเนื่อง
- **กิจกรรมด้านสิ่งแวดล้อม** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม ร้อยละ 62.5 รองลงมารู้จักกิจกรรม ร้อยละ 37.5 ซึ่งผู้ให้สัมภาษณ์ทั้งหมดต้องการให้ดำเนินการต่อเนื่อง
- **กิจกรรมชุมชนสัมพันธ์** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม ร้อยละ 62.5 รองลงมารู้จักกิจกรรม ร้อยละ 37.5 ซึ่งผู้ให้สัมภาษณ์ทั้งหมดต้องการให้ดำเนินการต่อเนื่อง
- **กิจกรรมตรวจสอบสุขภาพ** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม ร้อยละ 75.0 รองลงมารู้จักกิจกรรม ร้อยละ 25.0 ซึ่งผู้ให้สัมภาษณ์ทั้งหมดต้องการให้ดำเนินการต่อเนื่อง

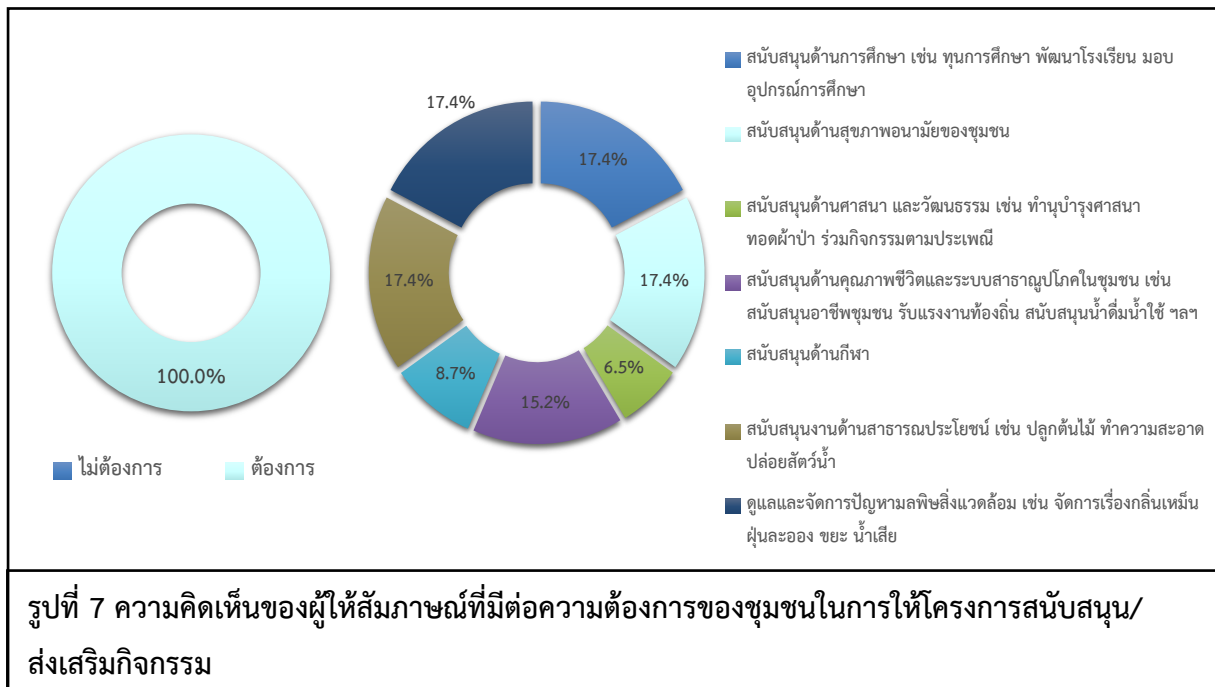
#### ตารางที่ 4 ความเห็นของผู้ให้สัมภาษณ์ต่อการรู้จักกิจกรรมที่โรงไฟฟ้า จัดขึ้น

กิจกรรมที่โรงไฟฟ้า จัดขึ้น	การรู้จัก		ความต้องการให้ดำเนินการต่อเนื่อง	
	ไม่รู้จัก	รู้จัก	ไม่ต้องการ	ต้องการ
1. กิจกรรมร่วมประชุม	62.5	37.5	12.5	87.5
2. กิจกรรมศึกษาดูงาน	62.5	37.5	12.5	87.5
3. กิจกรรมอบรมให้ความรู้	25.0	75.0	0.0	100.0
4. กิจกรรมให้ทุนการศึกษานักเรียน	50.0	50.0	0.0	100.0
5. กิจกรรมวันเด็ก	37.5	62.5	0.0	100.0
6. สนับสนุนกิจกรรมในชุมชน	50.0	50.0	0.0	100.0
7. กิจกรรมด้านสิ่งแวดล้อม	62.5	37.5	0.0	100.0
8. กิจกรรมชุมชนสัมพันธ์	62.5	37.5	0.0	100.0
9. กิจกรรมตรวจสอบสุขภาพ	75.0	25.0	0.0	100.0

ที่มา : รวบรวมโดยบริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด, 2564

ผู้ให้สัมภาษณ์ทั้งหมดระบุว่าหากทางโรงไฟฟ้า จัดกิจกรรมร่วมกับชุมชนยินดีเข้าร่วมกิจกรรม สำหรับความต้องการของชุมชนในการให้โรงไฟฟ้าสนับสนุน/ส่งเสริมกิจกรรม พบว่า ผู้ให้สัมภาษณ์ทั้งหมด ต้องการให้ทางโรงไฟฟ้า ส่งเสริมกิจกรรม ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่โดย 3 อันดับแรก ต้องการให้สนับสนุน ด้านสุขภาพอนามัยของชุมชน เช่น รพ.สต. ศูนย์สุขภาพชุมชน สนับสนุนด้านสุขภาพอนามัยของชุมชน สนับสนุนงานด้านสาธารณสุขประโยชน์ เช่น ปลูกต้นไม้ ทำความสะอาด ปล่อยสัตว์น้ำ และดูแลและจัดการ ปัญหามลพิษสิ่งแวดล้อม เช่น จัดการเรื่องกลิ่นเหม็น ฝุ่นละออง ขยะ น้ำเสีย ร้อยละ 17.4 สัดส่วนที่เท่ากัน รองลงมาต้องการให้สนับสนุนด้านคุณภาพชีวิตและระบบสาธารณสุขในชุมชน เช่น สนับสนุนอาชีพชุมชน รับแรงงานท้องถิ่น สนับสนุนน้ำดื่ม น้ำใช้ ฯลฯ ร้อยละ 15.2 และต้องการให้สนับสนุนด้านกีฬา ร้อยละ 8.7 ตามลำดับ โดยมีรายละเอียดดังรูปที่ 7



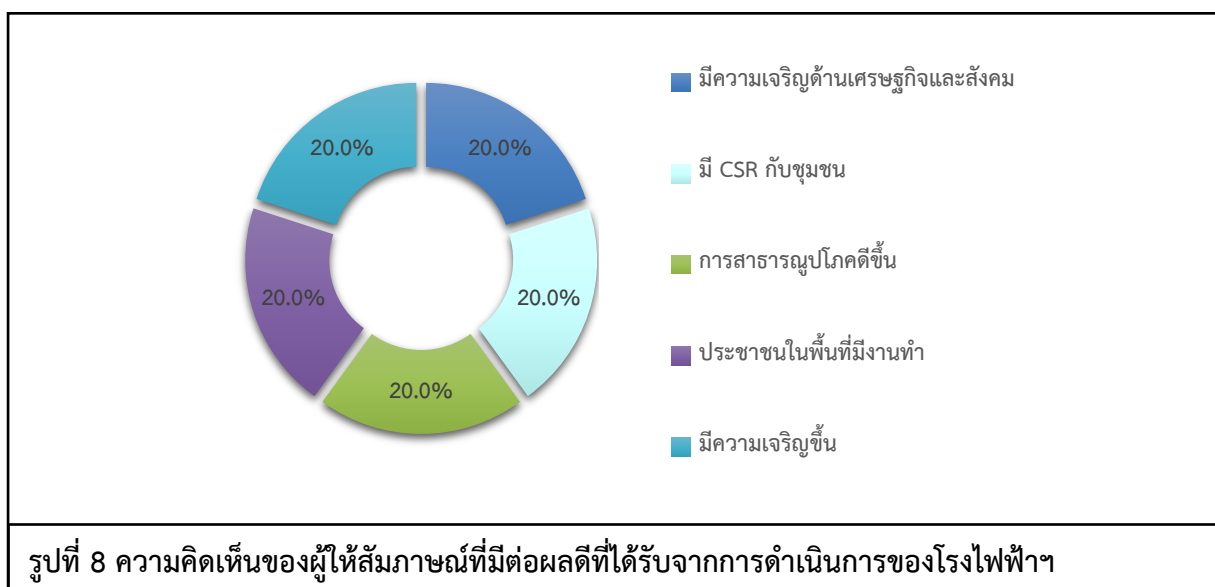


#### 4) ผลกระทบและทัศนคติต่อการดำเนินงานของโรงไฟฟ้า

##### 4.1) ผลดีและผลเสียที่ได้รับจากการดำเนินการของโรงไฟฟ้าฯ สามารถสรุปได้ดังนี้

ผลดีที่ได้รับจากการดำเนินการของโรงไฟฟ้าฯ ผู้ให้สัมภาษณ์ได้รับผลดี จำนวน 5 ราย ซึ่งมีรายละเอียดดังรูปที่ 8 โดยสามารถสรุปผลดีได้ดังนี้

- มีความเจริญด้านเศรษฐกิจและสังคม ร้อยละ 20.0
- มี CSR กับชุมชน ร้อยละ 20.0
- การสาธารณสุขปลอดภัยขึ้น ร้อยละ 20.0
- ประชาชนในพื้นที่มีงานทำ ร้อยละ 20.0
- มีความเจริญขึ้น ร้อยละ 20.0





**ผลเสียที่ได้รับจากการดำเนินการของโรงไฟฟ้า** ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่ได้รับผลเสียแต่อย่างใด มีเพียงส่วนน้อยเท่านั้นที่ได้รับผลเสีย จำนวน 1 ราย มีรายละเอียดดังรูปที่ 9 โดยสามารถสรุปผลเสียได้ดังนี้

- ผลกระทบด้านสิ่งแวดล้อมที่อาจทำให้ชุมชนขาดความมั่นใจ ร้อยละ 100.0



4.2) ความพึงพอใจต่อการดูแลสังคมที่ผ่านมา ซึ่งมีรายละเอียดดังตารางที่ 5 โดยสามารถสรุปได้ดังนี้

- ด้านความปลอดภัยจากการดำเนินงาน พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับปานกลาง ร้อยละ 50.0 รองลงมาพึงพอใจในระดับมาก ร้อยละ 37.5 และพึงพอใจในระดับน้อย ร้อยละ 12.5 มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 3.25$ )
- ด้านสังคม พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับปานกลาง ร้อยละ 50.0 รองลงมาพึงพอใจในระดับมาก ร้อยละ 37.5 และพึงพอใจในระดับน้อย ร้อยละ 12.5 มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 3.25$ )
- ด้านสิ่งแวดล้อม พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับมาก ร้อยละ 50.0 รองลงมาพึงพอใจในระดับปานกลาง ร้อยละ 37.5 และพึงพอใจในระดับน้อย ร้อยละ 12.5 มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 3.38$ )
- ด้านกิจกรรมชุมชนสัมพันธ์/การมีส่วนร่วม พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับมาก ร้อยละ 50.0 รองลงมาพึงพอใจในระดับปานกลาง ร้อยละ 37.5 และพึงพอใจในระดับน้อย ร้อยละ 12.5 มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 3.38$ )



■ **ด้านการดูแลสุขภาพของประชาชน** พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับปานกลาง ร้อยละ 50.0 รองลงมาพึงพอใจในระดับมาก ร้อยละ 37.5 และพึงพอใจในระดับน้อย ร้อยละ 12.5 มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 3.25$ )

■ **การเปิดเผยข้อมูล** พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับปานกลาง ร้อยละ 62.5 รองลงมาพึงพอใจในระดับมาก ร้อยละ 25.0 และพึงพอใจในระดับน้อย ร้อยละ 12.5 มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 3.13$ )

#### ตารางที่ 5 ความเห็นของผู้ให้สัมภาษณ์ต่อความพึงพอใจต่อการดูแลสังคมของโรงไฟฟ้าฯ

การดูแลสังคม	ระดับความพึงพอใจ					ค่าเฉลี่ย $\bar{x}$	แปลผล <sup>1/</sup>
	น้อยที่สุด	น้อย	ปานกลาง	น้อย	น้อยที่สุด		
1. ด้านความปลอดภัยในกระบวนการผลิต	0.0	12.5	50.0	37.5	0.0	3.25	ปานกลาง
2. ด้านสังคม	0.0	12.5	50.0	37.5	0.0	3.25	ปานกลาง
3. ด้านสิ่งแวดล้อม	0.0	12.5	37.5	50.0	0.0	3.38	ปานกลาง
4. ด้านกิจกรรมชุมชนสัมพันธ์/การมีส่วนร่วม	0.0	12.5	37.5	50.0	0.0	3.38	ปานกลาง
5. ด้านการดูแลสุขภาพของประชาชน	0.0	12.5	50.0	37.5	0.0	3.25	ปานกลาง
6. การเปิดเผยข้อมูล	0.0	12.5	62.5	25.0	0.0	3.13	ปานกลาง

หมายเหตุ: <sup>1/</sup>การแปลผลค่าเฉลี่ย 1.00 - 1.50 = น้อยที่สุด

1.51 - 2.50 = น้อย

2.51 - 3.50 = ปานกลาง

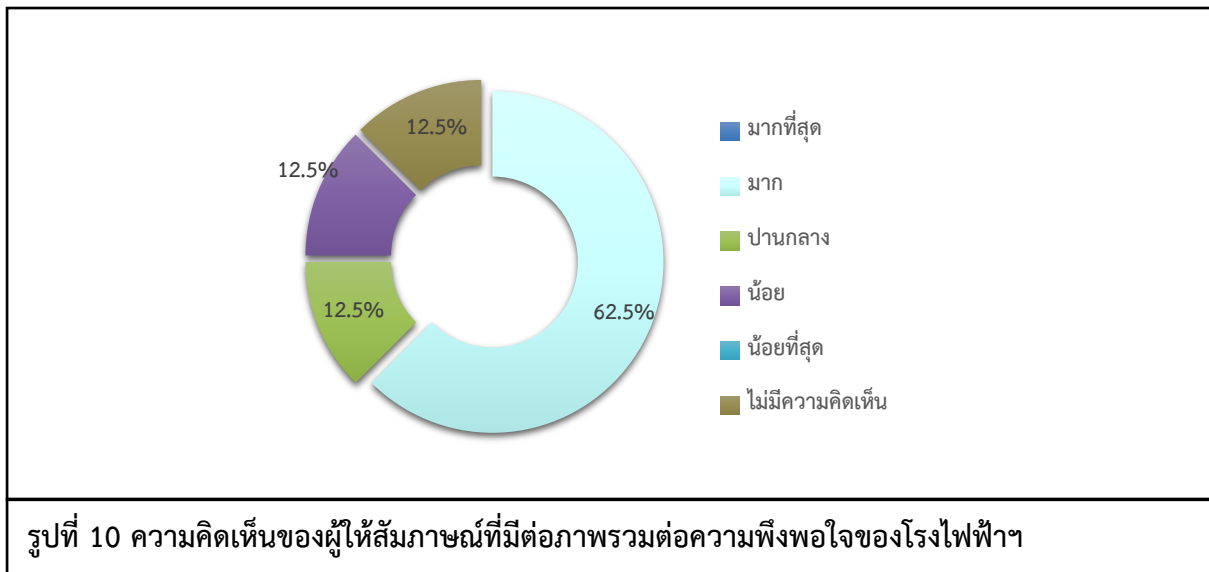
3.51 - 4.50 = มาก

4.51 - 5.00 = มากที่สุด

ที่มา : รวบรวมโดยบริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด, 2564

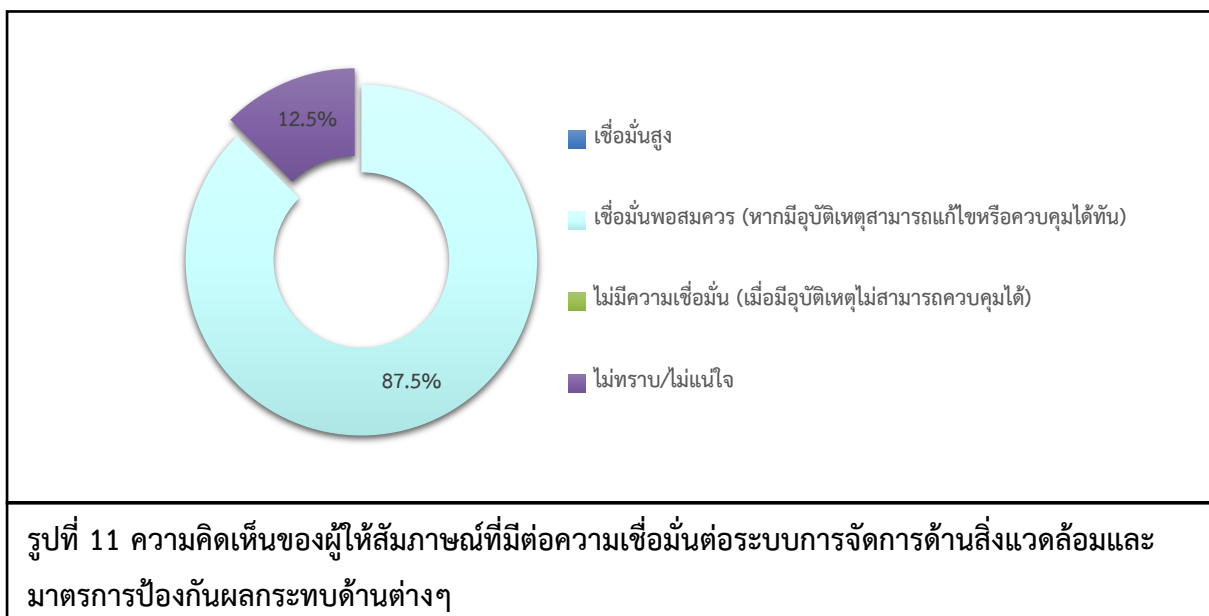
สำหรับความคิดเห็นในภาพรวมต่อความพึงพอใจของโรงไฟฟ้าฯ พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่มีความพึงพอใจในระดับมาก ร้อยละ 62.5 รองลงมามีความพึงพอใจในระดับปานกลาง พึงพอใจในระดับน้อย และไม่มีความคิดเห็น ร้อยละ 12.5 สัดส่วนที่เท่ากัน โดยมีรายละเอียดดังรูปที่ 10





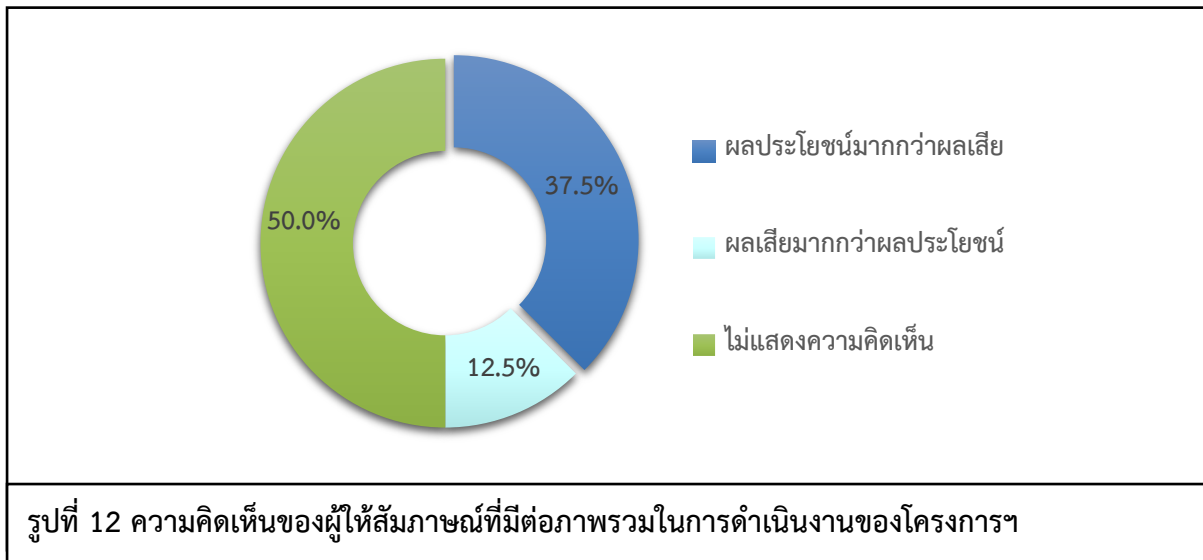
#### 5) ความเชื่อมั่น และความคิดเห็นต่อโรงไฟฟ้า

ในด้านความเชื่อมั่นต่อระบบการจัดการด้านสิ่งแวดล้อมและมาตรการป้องกันผลกระทบด้านต่างๆของโรงไฟฟ้าฯ พบว่าผู้ให้สัมภาษณ์ส่วนใหญ่ ระบุว่าเชื่อมั่นพอสมควร (หากมีอุบัติเหตุสามารถแก้ไขหรือควบคุมได้ทัน) ร้อยละ 87.5 รองลงมาระบุว่าไม่ทราบ/ไม่แน่ใจ ร้อยละ 12.5 โดยมีรายละเอียดดังรูปที่ 11



ความคิดเห็นในภาพรวมต่อการดำเนินงานของโรงไฟฟ้าฯ ในปี พ.ศ. 2564 พบว่าผู้ให้สัมภาษณ์ ร้อยละ 50.0 ระบุว่าไม่แสดงความคิดเห็น รองลงมาระบุว่าผลประโยชน์มากกว่าผลเสีย ร้อยละ 37.5 และระบุว่า ผลเสียมากกว่าผลประโยชน์ ร้อยละ 12.5 โดยมีรายละเอียดดังรูปที่ 12





สำหรับข้อเสนอแนะอื่นๆ ที่เกี่ยวกับโครงการฯ สามารถสรุปเป็นประเด็นสำคัญได้ดังนี้

- อยากให้โครงการจัดทำแผนพับ ใบปลิว โดยรวบรวมรายละเอียดของโรงไฟฟ้า

## (2) ผลการสำรวจความคิดเห็นของกลุ่มผู้นำชุมชน

โครงการได้ทำการสัมภาษณ์ตัวแทนผู้นำชุมชน ในพื้นที่รัศมี 5 กิโลเมตรรอบที่ตั้งโครงการ ซึ่งแบ่งตามเขตการปกครองของเทศบาล และองค์การบริหารส่วนตำบล ครอบคลุมพื้นที่ศึกษา 85 ชุมชน โดยได้สำรวจความคิดเห็นผู้นำชุมชนทั้งหมดจำนวน 170 ตัวอย่าง (แสดงรายละเอียดของกลุ่มตัวอย่างอ้างอิงถึงตารางที่ 6) และผลการสำรวจความคิดเห็น แสดงดังเอกสารแนบ 2 และสามารถสรุปรายละเอียดของผลการศึกษาได้ดังนี้

### ตารางที่ 6 แสดงจำนวนตัวอย่างของกลุ่มผู้นำชุมชน

ลำดับ	เขตการปกครอง	ชุมชน/หมู่บ้าน	ตำแหน่ง	จำนวน
	<b>เขตเทศบาล</b>			
	อำเภอบางปะอิน			
1	เทศบาลตำบลตลาดเกรียบ	หมู่ที่ 1 บ้านตลาดเกรียบใต้	ผู้ใหญ่บ้าน	1
2			ผู้ช่วยผู้ใหญ่บ้าน	1
3		หมู่ที่ 2 บ้านตลาดเกรียบใต้	ผู้ช่วยผู้ใหญ่บ้าน	1
4			ผู้ใหญ่บ้าน	1
5		หมู่ที่ 3 บ้านตลาดเกรียบใต้	ผู้ช่วยผู้ใหญ่บ้าน	1
6			ผู้ใหญ่บ้าน	1
7		หมู่ที่ 4 บ้านตลาดเกรียบใต้	ผู้ช่วยผู้ใหญ่บ้าน	1
8			ผู้ใหญ่บ้าน	1



**ตารางที่ 6 แสดงจำนวนตัวอย่างของกลุ่มผู้นำชุมชน (ต่อ)**

ลำดับ	เขตการปกครอง	ชุมชน/หมู่บ้าน	ตำแหน่ง	จำนวน
9		หมู่ที่ 5 บ้านตลาดเกรียบเหนือ	ผู้ช่วยผู้ใหญ่บ้าน	1
10			ผู้ใหญ่บ้าน	1
11		หมู่ที่ 6 บ้านตลาดเกรียบเหนือ	ผู้ช่วยผู้ใหญ่บ้าน	1
12			ผู้ใหญ่บ้าน	1
13		หมู่ที่ 7 บ้านตลาดเกรียบเหนือ	ผู้ช่วยผู้ใหญ่บ้าน	1
14			ผู้ใหญ่บ้าน	1
15	เทศบาลตำบล	หมู่ที่ 1 บ้านคลองจิก	กรรมการหมู่บ้าน	1
16	คลองจิก		ผู้ใหญ่บ้าน	1
17		หมู่ที่ 2 บ้านลาว	กำนัน	1
18			สมาชิกเทศบาลตำบล	1
19		หมู่ที่ 3 บ้านคลองทราย	ผู้ช่วยผู้ใหญ่บ้าน	1
20			ผู้ใหญ่บ้าน	1
21	เทศบาลตำบล	หมู่ที่ 4 บ้านคลองทราย	ผู้ช่วยผู้ใหญ่บ้าน	1
22	คลองจิก		ผู้ใหญ่บ้าน	1
23		หมู่ที่ 5 บ้านคลองทราย	ผู้ช่วยผู้ใหญ่บ้าน	1
24			ผู้ใหญ่บ้าน	1
25		หมู่ที่ 6 บ้านคลองหลุม	ผู้ช่วยผู้ใหญ่บ้าน	1
26			ผู้ใหญ่บ้าน	1
27		หมู่ที่ 7 บ้านคลองหลุม	ผู้ช่วยผู้ใหญ่บ้าน	1
28			ผู้ใหญ่บ้าน	1
29		หมู่ที่ 8 บ้านเสาวังคา	ผู้ช่วยผู้ใหญ่บ้าน	1
30			ผู้ใหญ่บ้าน	1
31	เทศบาลตำบล	หมู่ที่ 1 บ้านโพเหนือ	ผู้ใหญ่บ้าน	1
32	ปราสาททอง		ผู้ช่วยผู้ใหญ่บ้าน	1
33		หมู่ที่ 2 บ้านโพเหนือ	ผู้ใหญ่บ้าน	1
34			ผู้ช่วยผู้ใหญ่บ้าน	1
35		หมู่ที่ 3 บ้านพราน	ผู้ใหญ่บ้าน	1
36			ผู้ช่วยผู้ใหญ่บ้าน	1
37		หมู่ที่ 11 บ้านท้องคุ้ง	สารวัตรกำนัน	1
38			กำนัน	1



**ตารางที่ 6 แสดงจำนวนตัวอย่างของกลุ่มผู้นำชุมชน (ต่อ)**

ลำดับ	เขตการปกครอง	ชุมชน/หมู่บ้าน	ตำแหน่ง	จำนวน
39	เทศบาลตำบล บางปะอิน	หมู่ที่ 2 บ้านโพเหนือ	ผู้ใหญ่บ้าน	1
40			ผู้ช่วยผู้ใหญ่บ้าน	1
41		หมู่ที่ 3 บ้านพราน	ผู้ใหญ่บ้าน	1
42			ผู้ช่วยผู้ใหญ่บ้าน	1
43		หมู่ที่ 4 บ้านบางโหลง	ผู้ช่วยผู้ใหญ่บ้าน	1
44			ผู้ใหญ่บ้าน	1
45		หมู่ที่ 5 บ้านสะพานหก	ผู้ใหญ่บ้าน	1
46			ผู้ช่วยผู้ใหญ่บ้าน	1
47		หมู่ที่ 6 บ้านตลาดล่าง	ผู้ช่วยผู้ใหญ่บ้าน	1
48			ผู้ใหญ่บ้าน	1
49		หมู่ที่ 7 บ้านคลองกลางบ้าน	ผู้ช่วยผู้ใหญ่บ้าน	1
50			ผู้ใหญ่บ้าน	1
51		หมู่ที่ 8 บ้านปากคลองลัด	ผู้ช่วยผู้ใหญ่บ้าน	1
52			ผู้ใหญ่บ้าน	1
53		หมู่ที่ 9 บ้านหัวสะแก	ผู้ช่วยผู้ใหญ่บ้าน	1
54			ผู้ใหญ่บ้าน	1
55		หมู่ที่ 10 บ้านท้ายเกาะ	ผู้ช่วยผู้ใหญ่บ้าน	1
56			ผู้ใหญ่บ้าน	1
57		หมู่ที่ 12 บ้านเกาะลอย	ผู้ช่วยผู้ใหญ่บ้าน	1
58			กรรมการชุมชน	1
59	เทศบาลตำบล บ้านกรด	หมู่ที่ 8 บ้านกรด	ผู้ช่วยผู้ใหญ่บ้าน	1
60			ผู้ใหญ่บ้าน	1
61		หมู่ที่ 9 บ้านกรด	ผู้ช่วยผู้ใหญ่บ้าน	1
62			สมาชิกเทศบาล	1
63		หมู่ที่ 10 บ้านคลองควาย	ผู้ช่วยผู้ใหญ่บ้าน	1
64			ผู้ใหญ่บ้าน	1
65		หมู่ที่ 11 บ้านโคกวัด	ผู้ช่วยผู้ใหญ่บ้าน	1
66			ผู้ใหญ่บ้าน	1
รวมเขตเทศบาล				66



ตารางที่ 6 แสดงจำนวนตัวอย่างของกลุ่มผู้นำชุมชน (ต่อ)

ลำดับ	เขตการปกครอง	ชุมชน/หมู่บ้าน	ตำแหน่ง	จำนวน
	เขต อบต.			
	อำเภอบางปะอิน			
67	อบต.บ้านโพ	หมู่ที่ 1 บ้านพาสน์	ผู้ช่วยผู้ใหญ่บ้าน	1
68			ผู้ใหญ่บ้าน	1
69		หมู่ที่ 2 บ้านพาสน์	ผู้ใหญ่บ้าน	1
70			ผู้ช่วยผู้ใหญ่บ้าน	1
71		หมู่ที่ 3 บ้านโพ	ผู้ช่วยผู้ใหญ่บ้าน	1
72			ผู้ใหญ่บ้าน	1
73		หมู่ที่ 4 บ้านโพ	ผู้ช่วยผู้ใหญ่บ้าน	1
74			กำนัน	1
75		หมู่ที่ 5 บ้านเกาะพระ	ผู้ช่วยผู้ใหญ่บ้าน	1
76			ผู้ใหญ่บ้าน	1
77		หมู่ที่ 6 บ้านท่าแร่	ผู้ช่วยผู้ใหญ่บ้าน	1
78			ผู้ใหญ่บ้าน	1
79		หมู่ที่ 7 บ้านเกาะพระ	ผู้ช่วยผู้ใหญ่บ้าน	1
80			ผู้ใหญ่บ้าน	1
81		หมู่ที่ 8 บ้านสระกระจับ	ผู้ช่วยผู้ใหญ่บ้าน	1
82			ผู้ใหญ่บ้าน	1
83		หมู่ที่ 9 บ้านสระกระจับ	ผู้ใหญ่บ้าน	1
84			ผู้ช่วยผู้ใหญ่บ้าน	1
85	อบต.วัดยม	หมู่ที่ 1 บ้านวัดยม	ผู้ช่วยผู้ใหญ่บ้าน	1
86			ผู้ใหญ่บ้าน	1
87		หมู่ที่ 2 บ้านวัดยม	ผู้ใหญ่บ้าน	1
88	อบต.วัดยม		ผู้ช่วยผู้ใหญ่บ้าน	1
89		หมู่ที่ 3 บ้านวัดยม	ผู้ช่วยผู้ใหญ่บ้าน	1
90			ผู้ใหญ่บ้าน	1
91		หมู่ที่ 4 บ้านกลางขุนแผน	ผู้ช่วยผู้ใหญ่บ้าน	1
92			ผู้ใหญ่บ้าน	1
93		หมู่ที่ 6 บ้านบางฝั	ผู้ช่วยผู้ใหญ่บ้าน	1
94			ผู้ใหญ่บ้าน	1
95		หมู่ที่ 7 บ้านบางฝั	ผู้ช่วยผู้ใหญ่บ้าน	1
96			ผู้ใหญ่บ้าน	1



ตารางที่ 6 แสดงจำนวนตัวอย่างของกลุ่มผู้นำชุมชน (ต่อ)

ลำดับ	เขตการปกครอง	ชุมชน/หมู่บ้าน	ตำแหน่ง	จำนวน
97	อบต.บ้านแปง	หมู่ที่ 8 บ้านบางผี	ผู้ช่วยผู้ใหญ่บ้าน	1
98			ผู้ใหญ่บ้าน	1
99		หมู่ที่ 1 บ้านแปง	สารวัตรกำนัน	1
100			กำนัน	1
101		หมู่ที่ 2 บ้านแปง	ผู้ช่วยผู้ใหญ่บ้าน	1
102			ผู้ใหญ่บ้าน	1
103		หมู่ที่ 3 บ้านปูน	ผู้ช่วยผู้ใหญ่บ้าน	1
104			ผู้ใหญ่บ้าน	1
105		หมู่ที่ 4 บ้านโคกเจ๊ก	ผู้ช่วยผู้ใหญ่บ้าน	1
106			ผู้ใหญ่บ้าน	1
107	อบต.บ้านห้วย	หมู่ที่ 1 บ้านใต้	ผู้ช่วยผู้ใหญ่บ้าน	1
108			ผู้ใหญ่บ้าน	1
109		หมู่ที่ 2 บ้านห้วย	ผู้ช่วยผู้ใหญ่บ้าน	1
110			ผู้ใหญ่บ้าน	1
111		หมู่ที่ 3 บ้านปากคลอง	ผู้ช่วยผู้ใหญ่บ้าน	1
112			ผู้ใหญ่บ้าน	1
113		หมู่ที่ 4 บ้านโรง	ผู้ช่วยผู้ใหญ่บ้าน	1
114			ผู้ใหญ่บ้าน	1
115		หมู่ที่ 5 บ้านหัวจระเข้	ผู้ช่วยผู้ใหญ่บ้าน	1
116			ผู้ใหญ่บ้าน	1
117		หมู่ที่ 6 บ้านนัยนาท	กำนัน	1
118			สารวัตรกำนัน	1
119		หมู่ที่ 7 บ้านเสาวังคา	ผู้ช่วยผู้ใหญ่บ้าน	1
120			ผู้ใหญ่บ้าน	1
121	อบต.ชนอมหลวง	หมู่ที่ 3 บ้านชนอมหลวง	ผู้ช่วยผู้ใหญ่บ้าน	1
122			ผู้ใหญ่บ้าน	1
123		หมู่ที่ 4 บ้านเสากระโดง	ผู้ช่วยผู้ใหญ่บ้าน	1
124			ผู้ใหญ่บ้าน	1
125		หมู่ที่ 5 บ้านเสากระโดง	ผู้ช่วยผู้ใหญ่บ้าน	1
126			ผู้ใหญ่บ้าน	1
127	อบต.คุ่งลาน	หมู่ที่ 1 บ้านทับแดง	ผู้ช่วยผู้ใหญ่บ้าน	1
128			ผู้ใหญ่บ้าน	1



**ตารางที่ 6 แสดงจำนวนตัวอย่างของกลุ่มผู้นำชุมชน (ต่อ)**

ลำดับ	เขตการปกครอง	ชุมชน/หมู่บ้าน	ตำแหน่ง	จำนวน
129		หมู่ที่ 2 บ้านทับแตง	ผู้ช่วยผู้ใหญ่บ้าน	1
130			ผู้ใหญ่บ้าน	1
131		หมู่ที่ 3 บ้านคังลาน	กำนัน	1
132			ผู้ใหญ่บ้าน	1
133		หมู่ที่ 4 บ้านคังลาน	ผู้ใหญ่บ้าน	1
134			ผู้ช่วยผู้ใหญ่บ้าน	1
135		หมู่ที่ 5 บ้านคังลาน	ผู้ใหญ่บ้าน	1
136			ผู้ช่วยผู้ใหญ่บ้าน	1
137	อบต.ตลิ่งชัน	หมู่ที่ 1 บ้านสามง่าม	ผู้ช่วยผู้ใหญ่บ้าน	1
138			ผู้ใหญ่บ้าน	1
139		หมู่ที่ 2 บ้านในคลอง	กรรมการชุมชน	1
140			กรรมการชุมชน	1
141		หมู่ที่ 3 บ้านตลิ่งชัน	ผู้ใหญ่บ้าน	1
142			ผู้ช่วยผู้ใหญ่บ้าน	1
143		หมู่ที่ 4 บ้านตลิ่งชัน	กรรมการหมู่บ้าน	1
144			ผู้ช่วยผู้ใหญ่บ้าน	1
145		หมู่ที่ 5 บ้านศาลเจ้า	ผู้ช่วยผู้ใหญ่บ้าน	1
146			ผู้ใหญ่บ้าน	1
147		หมู่ที่ 6 บ้านคลองขวาง	สมาชิกสภาองค์การบริหาร ส่วนตำบล	1
148			ผู้ใหญ่บ้าน	1
149	อบต.บ้านพลับ	หมู่ที่ 1 บ้านหัวบ้าน	ผู้ช่วยผู้ใหญ่บ้าน	1
150			ผู้ใหญ่บ้าน	1
151		หมู่ที่ 2 บ้านขายน้า	ผู้ช่วยผู้ใหญ่บ้าน	1
152			ผู้ใหญ่บ้าน	1
153		หมู่ที่ 3 บ้านหลังน้ำ	ผู้ช่วยผู้ใหญ่บ้าน	1
154			ผู้ใหญ่บ้าน	1
155		หมู่ที่ 4 บ้านกลาง	ผู้ช่วยผู้ใหญ่บ้าน	1
156			ผู้ใหญ่บ้าน	1
157		หมู่ที่ 5 บ้านพลับ	ผู้ช่วยผู้ใหญ่บ้าน	1
158			กำนัน	1



**ตารางที่ 6 แสดงจำนวนตัวอย่างของกลุ่มผู้นำชุมชน (ต่อ)**

ลำดับ	เขตการปกครอง	ชุมชน/หมู่บ้าน	ตำแหน่ง	จำนวน
159	อบต.สามเรือน	หมู่ที่ 1 บ้านหลวง	ผู้ใหญ่บ้าน	1
160			ผู้ช่วยผู้ใหญ่บ้าน	1
161		หมู่ที่ 2 บ้านสามเรือน	ผู้ช่วยผู้ใหญ่บ้าน	1
162			ผู้ช่วยผู้ใหญ่บ้าน	1
163		หมู่ที่ 4 บ้านขอม	ผู้ช่วยผู้ใหญ่บ้าน	1
164			ผู้ใหญ่บ้าน	1
165		หมู่ที่ 8 บ้านเสาวังคา	ผู้ใหญ่บ้าน	1
166			ผู้ช่วยผู้ใหญ่บ้าน	1
	อำเภอวังน้อย			
167	อบต.บ้านบ่อตาโล่	หมู่ที่ 6 บ้านงามผักตบ	ผู้ช่วยผู้ใหญ่บ้าน	1
168			ผู้ใหญ่บ้าน	1
169		หมู่ที่ 7 บ้านเสาวังคา	สารวัตรกำนัน	1
170			กำนัน	1
รวมเขต อบต.				104
รวมทั้งสิ้น				170

**ที่มา :** รวบรวมโดยบริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด, 2564

**1) ข้อมูลทั่วไป**

ผู้นำชุมชนส่วนใหญ่เป็นเพศชาย ร้อยละ 53.5 และเป็นเพศหญิง ร้อยละ 46.5 ซึ่งผู้นำชุมชนส่วนใหญ่มีอายุอยู่ระหว่าง 51-60 ปี ร้อยละ 49.4 รองลงมา มีอายุอยู่ระหว่าง 41-50 ปี ร้อยละ 34.7 สำหรับการนับถือศาสนาผู้นำชุมชนส่วนใหญ่นับถือศาสนาพุทธ ร้อยละ 94.1 รองลงมานับถือศาสนาอิสลาม ร้อยละ 5.9 ด้านการศึกษาพบว่าผู้นำชุมชนมีระดับการศึกษาอยู่ในระดับมัธยมศึกษาตอนปลาย (ม.6)/ปวช. หรือเทียบเท่า ร้อยละ 28.8 รองลงมา มีการศึกษาในระดับมัธยมศึกษาตอนต้น (ม.3) ร้อยละ 22.9 ซึ่งผู้นำชุมชนส่วนใหญ่ดำรงตำแหน่งเป็นผู้ช่วยผู้ใหญ่บ้าน ร้อยละ 44.7 รองลงมาดำรงตำแหน่งเป็นผู้ใหญ่บ้าน ร้อยละ 42.9 โดยมีระยะเวลาดำรงตำแหน่งอยู่ระหว่าง 1-5 ปี ร้อยละ 38.8 รองลงมา มีระยะเวลาการดำรงตำแหน่งระหว่าง 11 - 15 ปี ร้อยละ 22.4

สำหรับภูมิลำเนาของผู้นำชุมชนส่วนใหญ่ ร้อยละ 87.6 ระบุว่าอยู่ในพื้นที่มาตั้งแต่เกิด รองลงมาย้ายมาจากที่อื่น ร้อยละ 12.4 ซึ่งส่วนใหญ่ย้ายมาจากภาคกลาง ร้อยละ 71.4 รองลงมาย้ายมาจากภาคตะวันออก ร้อยละ 23.8 โดยส่วนใหญ่มีระยะเวลาที่ย้ายมามากกว่า 20 ปีขึ้นไป ร้อยละ 66.7 รองลงมา มีระยะเวลาระหว่าง 11 - 15 ปี ร้อยละ 23.8



## 2) ข้อมูลด้านสภาพเศรษฐกิจ และสังคมของชุมชน

จากการสัมภาษณ์ผู้นำชุมชนเกี่ยวกับลักษณะทางสังคมของชุมชน พบว่าชุมชนมีจำนวนครัวเรือนในชุมชนส่วนใหญ่ต่ำกว่า 100 หลังคาเรือน ร้อยละ 40.6 รองลงมาจำนวนครัวเรือนในชุมชนระหว่าง 100-200 หลังคาเรือน ร้อยละ 35.9 สำหรับจำนวนประชากรของคนในชุมชนส่วนใหญ่ต่ำกว่า 500 คน ร้อยละ 52.9 รองลงมาจำนวนประชากรของคนในชุมชนอยู่ระหว่าง 501-1,000 คน ร้อยละ 29.4 สำหรับภูมิสำเนาของประชาชนที่อยู่อาศัยในชุมชน ผู้นำชุมชนส่วนใหญ่ระบุว่าประชาชนในชุมชนเป็นคนในพื้นที่ ร้อยละ 90.6 รองลงมาย้ายมาจากที่อื่น ร้อยละ 9.4 ซึ่งส่วนใหญ่ย้ายมาจากทุกภาค ร้อยละ 75.0

จากการสัมภาษณ์ผู้นำชุมชนเกี่ยวกับลักษณะทางเศรษฐกิจของชุมชน พบว่าการประกอบอาชีพหลักของประชาชนในชุมชนประกอบอาชีพพนักงานบริษัท/พนักงานโรงงาน ร้อยละ 70.0 รองลงมาประกอบอาชีพรับจ้างทั่วไป ร้อยละ 12.9 ทั้งนี้ผู้นำชุมชนส่วนใหญ่ระบุว่าประชาชนในชุมชนประกอบอาชีพเสริม ร้อยละ 60.6 รองลงมาไม่ได้ประกอบอาชีพเสริม ร้อยละ 39.4 โดยส่วนใหญ่ประกอบอาชีพค้าขาย ร้อยละ 38.8 โดยผู้นำชุมชนส่วนใหญ่เห็นว่าคนในชุมชนมีฐานะทางเศรษฐกิจปานกลาง ร้อยละ 97.6 รองลงมาเห็นว่าฐานะทางเศรษฐกิจไม่ดี ร้อยละ 2.4

จากการสัมภาษณ์ผู้นำชุมชนเกี่ยวกับการจ้างแรงงานในพื้นที่ พบว่า แรงงานภาคเกษตรกรรมส่วนใหญ่ไม่มีการจ้างงานในพื้นที่ ร้อยละ 54.7 รองลงมามีการจ้างงานในพื้นที่ ร้อยละ 45.3 โดยแรงงานส่วนใหญ่เป็นคนในพื้นที่ ร้อยละ 75.3 รองลงมาเป็นคนนอกพื้นที่ ร้อยละ 24.7 สำหรับแรงงานภาคอุตสาหกรรม พบว่า ผู้นำชุมชนส่วนใหญ่เห็นว่ามีมีการจ้างแรงงานในพื้นที่ ร้อยละ 85.3 รองลงมาไม่มีการจ้างแรงงานในพื้นที่ ร้อยละ 14.7 โดยแรงงานส่วนใหญ่เป็นคนในพื้นที่ ร้อยละ 69.7 รองลงมาเป็นคนนอกพื้นที่ ร้อยละ 30.3

สำหรับสถานศึกษาในชุมชน พบว่า ผู้นำชุมชนส่วนใหญ่เห็นว่าไม่มีสถานศึกษาในชุมชน ร้อยละ 61.8 รองลงมาสถานศึกษาในชุมชน ร้อยละ 38.2 ในส่วนที่มีสถานศึกษาในชุมชนส่วนใหญ่เห็นว่ามีจำนวนสถานศึกษาในชุมชน 1 แห่ง ร้อยละ 73.8 รองลงมาจำนวนสถานศึกษาในชุมชน 2 แห่ง ร้อยละ 20.0

ผู้นำชุมชนส่วนใหญ่ระบุว่าไม่มีวัดในชุมชน ร้อยละ 70.0 รองลงมาระบุว่ามียอดในชุมชน ร้อยละ 30.0 ในส่วนที่มีวัดในชุมชนส่วนใหญ่เห็นว่ามีจำนวนวัดในชุมชน 1 แห่ง ร้อยละ 82.4 รองลงมาจำนวนวัดในชุมชน 2 แห่ง ร้อยละ 13.7

จากการสัมภาษณ์ผู้นำชุมชนเกี่ยวกับสถานที่ประกอบกิจกรรมทางศาสนา พบว่า ผู้นำชุมชนส่วนใหญ่เห็นว่าไม่มีสถานที่ประกอบกิจกรรม ร้อยละ 93.5 รองลงมาสถานที่ประกอบกิจกรรม ร้อยละ 6.5 ในส่วนที่มีสถานที่ประกอบกิจกรรมทางศาสนาส่วนใหญ่เห็นว่ามีจำนวน 1 แห่ง ร้อยละ 81.8 รองลงมาสถานที่ประกอบกิจกรรมทางศาสนาจำนวน 3 แห่ง ร้อยละ 18.2



### 3) ข้อมูลด้านสาธารณสุขและสาธารณสุขในชุมชน

ข้อมูลด้านสุขภาพ และสาธารณสุข พบว่า ส่วนใหญ่ไม่มีโรคที่เคยระบาดในชุมชน ร้อยละ 61.2 รองลงมามีโรคระบาดในชุมชน ร้อยละ 38.8 โดยมีสาเหตุมาจากการเป็นโรคไข้เลือดออก และโรคCovid-19 เมื่อสอบถามถึงโรงพยาบาลส่งเสริมสุขภาพ/ศูนย์บริการสาธารณสุขในชุมชน พบว่า ผู้นำชุมชนส่วนใหญ่ระบุว่า ไม่มีโรงพยาบาลส่งเสริมสุขภาพ/ศูนย์บริการสาธารณสุขในชุมชน ร้อยละ 71.8 รองลงมามีโรงพยาบาลส่งเสริมสุขภาพ/ศูนย์บริการสาธารณสุขในชุมชน ร้อยละ 28.2 โดยทั้งหมดเป็นโรงพยาบาลส่งเสริมสุขภาพตำบล โดยเมื่อเจ็บป่วยแล้วผู้นำชุมชนจะเข้ารับการรักษาที่โรงพยาบาลประจำอำเภอ ร้อยละ 48.8 รองลงมาโรงพยาบาลส่งเสริมสุขภาพตำบล ร้อยละ 44.1 โดยผู้ให้สัมภาษณ์ส่วนใหญ่ ร้อยละ 82.4 ระบุว่าทำให้บริการสาธารณสุขในพื้นที่ไม่มีปัญหาในการให้บริการ มีเพียง ร้อยละ 17.6 ที่มีปัญหาการให้บริการ โดยมีปัญหาเนื่องจากบุคลากรไม่เพียงพอ ขาดอุปกรณ์ทางการแพทย์ และบริการล่าช้า เป็นต้น

สาธารณสุขภายในชุมชน พบว่า แหล่งน้ำบริโภค (น้ำดื่ม) ในครัวเรือนส่วนใหญ่ซื้อน้ำดื่มบรรจุถัง/ขวด มาบริโภค ร้อยละ 76.6 รองลงมาดื่มน้ำประปา ร้อยละ 11.2 ส่วนแหล่งน้ำอุปโภค (น้ำสำหรับซัก ล้าง น้ำใช้) ในครัวเรือน พบว่า ครัวเรือนในพื้นที่รับผิดชอบส่วนใหญ่ใช้น้ำประปา ร้อยละ 44.6 รองลงมาใช้น้ำในแม่น้ำ/ลำคลอง ร้อยละ 43.1 ด้านน้ำใช้สำหรับการเกษตร ผู้นำชุมชนระบุว่าผู้ที่ประกอบอาชีพทำการเกษตรส่วนใหญ่ใช้น้ำจากน้ำในแม่น้ำ/ลำคลอง ร้อยละ 63.5 รองลงมาจากคลองชลประทาน ร้อยละ 22.2

การกำจัดของเสียในครัวเรือน พบว่า การกำจัดขยะมูลฝอยในครัวเรือน ผู้นำชุมชนส่วนใหญ่ระบุว่าครัวเรือนในชุมชนจะทิ้งใส่ถังขยะที่ทาง เทศบาล/อบต. จัดเตรียมไว้ ร้อยละ 96.0 รองลงมากองแล้วเผา ร้อยละ 1.7 สำหรับด้านการกำจัดน้ำเสีย/น้ำทิ้งของชุมชน ผู้นำชุมชนส่วนใหญ่ระบุว่ามีการกำจัดโดยระบายลงท่อระบายน้ำเทศบาล/อบต. ร้อยละ 34.1 รองลงมาระบายลงดิน / ที่โล่งข้างบ้าน ร้อยละ 33.2

### 4) สภาพแวดล้อมในปัจจุบัน

ผลจากการสัมภาษณ์ถึงสภาพสิ่งแวดล้อมในปัจจุบัน พบว่า ผู้นำชุมชนระบุว่าในระยะ 1 ปีที่ผ่านมาสภาพสิ่งแวดล้อมในชุมชนที่อาศัยไม่มีการเปลี่ยนแปลงไปจากเดิม ร้อยละ 61.2 รองลงมาสภาพสิ่งแวดล้อมมีการเปลี่ยนแปลงไปจากเดิมเล็กน้อย ร้อยละ 17.6 สภาพสิ่งแวดล้อมมีการเปลี่ยนแปลงไปจากเดิมปานกลาง ร้อยละ 15.3 และสภาพสิ่งแวดล้อมมีการเปลี่ยนแปลงไปจากเดิมมาก ร้อยละ 5.9 ส่วนผู้ที่ระบุว่าชุมชนมีการเปลี่ยนแปลงโดย 3 ลำดับแรกมีสาเหตุของการเปลี่ยนแปลงมาจากอากาศร้อนขึ้น ร้อยละ 13.6 รองลงมาเกิดจากน้ำเสีย ร้อยละ 12.1 และมีโครงการบ้านจัดสรรเพิ่มมากขึ้น ร้อยละ 6.1



### ผลกระทบด้านสิ่งแวดล้อม

สำหรับปัญหาความเดือดร้อน/ความรำคาญด้านสิ่งแวดล้อมในชุมชนที่ได้รับในปัจจุบัน  
ดังแสดงในตารางที่ 7 โดยสามารถสรุปปัญหาได้ 3 อันดับแรก ดังนี้

- **อันดับ 1 ฝุ่นละออง** พบว่า เป็นปัญหาที่ได้รับมากที่สุด ร้อยละ 63.5 ซึ่งมีระดับของผลกระทบที่ได้รับส่วนใหญ่อยู่ในระดับปานกลาง ร้อยละ 60.2 โดยสาเหตุของผลกระทบส่วนใหญ่ระบุว่าจะเกิดจากการจราจร ร้อยละ 39.8
- **อันดับ 2 ถนนชำรุด/การคมนาคมไม่สะดวก** พบว่า เป็นปัญหาที่ได้รับรองลงมา ร้อยละ 47.6 ซึ่งมีระดับของผลกระทบที่ได้รับส่วนใหญ่อยู่ในระดับปานกลาง ร้อยละ 65.4 โดยสาเหตุของผลกระทบส่วนใหญ่ระบุว่าจะเกิดจากการจราจร ร้อยละ 72.8
- **อันดับ 3 ควัน/เขม่า** พบว่า เป็นปัญหาที่ได้รับ ร้อยละ 45.9 ซึ่งมีระดับของผลกระทบที่ได้รับส่วนใหญ่อยู่ในระดับน้อย ร้อยละ 50.0 โดยสาเหตุของผลกระทบส่วนใหญ่ระบุว่าจะเกิดจากการจราจร ร้อยละ 29.5

ตารางที่ 7 ความคิดเห็นของผู้นำชุมชนต่อปัญหาความเดือดร้อน/ความรำคาญด้านสิ่งแวดล้อมที่ได้รับในปัจจุบัน

ผลกระทบ	ไม่มี (ร้อยละ)	มี (ร้อยละ)	ระดับผลกระทบ (ร้อยละ)			สาเหตุของผลกระทบ
			น้อย	ปานกลาง	มาก	
1. ฝุ่นละออง*	36.5	63.5	25.0	60.2	14.8	<ul style="list-style-type: none"> <li>- การจราจร (39.8%)</li> <li>- การเผา (3.7%)</li> <li>- ชุมชน (0.9%)</li> <li>- มาตามลม (6.5%)</li> <li>- การก่อสร้าง (1.9%)</li> <li>- โรงงาน (15.7%)</li> <li>- ทำเรือ (8.3%)</li> <li>- ฝุ่นละออง (2.8%)</li> <li>- ทัวไป (1.9%)</li> <li>- ไม่ทราบที่มา (18.5%)</li> </ul>
2. ควัน/เขม่า***	54.1	45.9	50.0	43.6	6.4	<ul style="list-style-type: none"> <li>- การจราจร (29.5%)</li> <li>- การเผา (20.5%)</li> <li>- ชุมชน (3.8%)</li> <li>- มาตามลม (1.3%)</li> <li>- โรงงาน (7.7%)</li> <li>- ทำเรือ (5.1%)</li> <li>- ทัวไป (5.1%)</li> <li>- ไม่ทราบที่มา (26.9%)</li> </ul>



**ตารางที่ 7** ความคิดเห็นของผู้นำชุมชนต่อปัญหาความเดือดร้อน/ความรำคาญด้านสิ่งแวดล้อมที่ได้รับในปัจจุบัน (ต่อ)

ผลกระทบ	ไม่มี (ร้อยละ)	มี (ร้อยละ)	ระดับผลกระทบ (ร้อยละ)			สาเหตุของผลกระทบ
			น้อย	ปานกลาง	มาก	
3. กลิ่นเหม็น	61.8	38.2	43.1	55.4	1.5	<ul style="list-style-type: none"> <li>- ขยะ (7.7%)</li> <li>- การเผา (6.2%)</li> <li>- ชุมชน (21.5%)</li> <li>- มาตามลม (6.2%)</li> <li>- โรงงาน (21.5%)</li> <li>- การจราจร (3.1%)</li> <li>- น้ำเสีย (6.2%)</li> <li>- ทั่วไป (6.2%)</li> <li>- ไม่ทราบที่มา (21.5%)</li> </ul>
4. เสียงดัง	75.9	24.1	39.0	48.8	12.2	<ul style="list-style-type: none"> <li>- การจราจร (39.0%)</li> <li>- ชุมชน (7.3%)</li> <li>- โรงงาน (2.4%)</li> <li>- ทั่วไป (4.9%)</li> <li>- ไม่ทราบที่มา (46.3%)</li> </ul>
5. ขยะมูลฝอย	70.6	29.4	38.0	48.0	14.0	<ul style="list-style-type: none"> <li>- การจราจร (2.0%)</li> <li>- ขยะล้น (8.0%)</li> <li>- ชุมชน (46.0%)</li> <li>- มีการทิ้งขยะข้างถนน (2.0%)</li> <li>- รถขยะไม่เพียงพอ (4.0%)</li> <li>- ไม่ทราบที่มา (38.0%)</li> </ul>
6. น้ำเสีย	67.1	32.9	28.6	53.6	17.9	<ul style="list-style-type: none"> <li>- การเกษตร (3.6%)</li> <li>- โรงงาน (19.6%)</li> <li>- ชุมชน (25.0%)</li> <li>- การปิดประตูระบายน้ำ (7.1%)</li> <li>- นิคมโรจนะ (3.6%)</li> <li>- ลำคลอง (5.4%)</li> <li>- ไม่ทราบที่มา (35.7%)</li> </ul>
7. น้ำท่วมขัง	80.0	20.0	38.2	50.0	11.8	<ul style="list-style-type: none"> <li>- ชุมชน (17.6%)</li> <li>- ช่วงฤดูน้ำหลาก (20.6%)</li> <li>- เป็นพื้นที่ราบลุ่ม (5.9%)</li> <li>- อุทกภัย (2.9%)</li> <li>- ไม่ทราบที่มา (52.9%)</li> </ul>



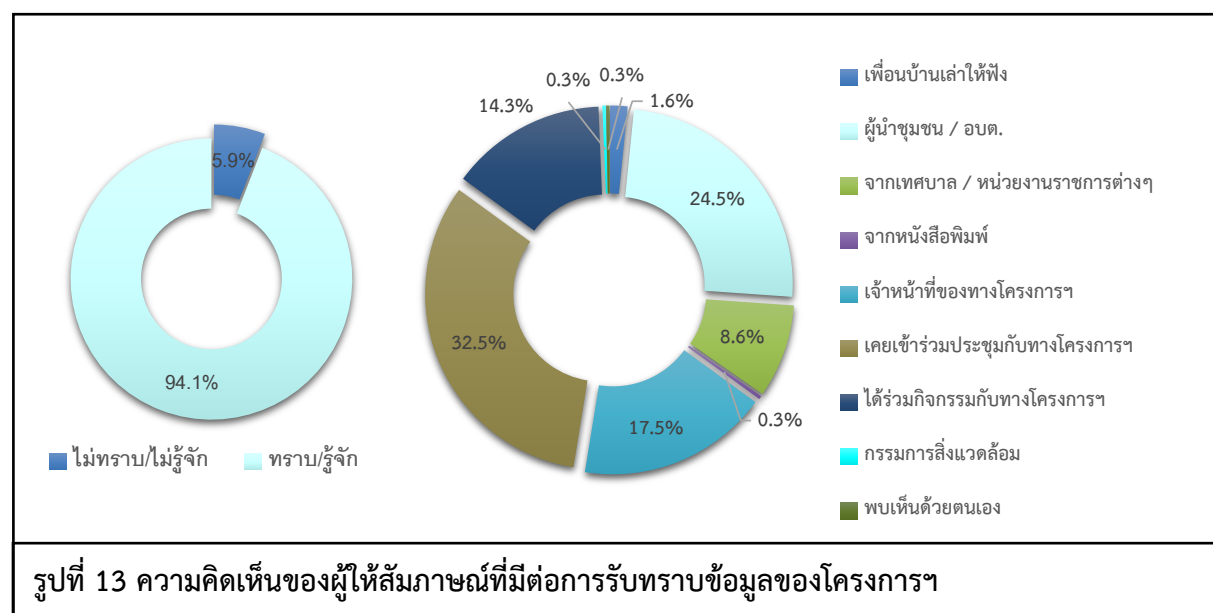
**ตารางที่ 7** ความคิดเห็นของผู้นำชุมชนต่อปัญหาความเดือดร้อน/ความรำคาญด้านสิ่งแวดล้อมที่ได้รับในปัจจุบัน (ต่อ)

ผลกระทบ	ไม่มี (ร้อยละ)	มี (ร้อยละ)	ระดับผลกระทบ (ร้อยละ)			สาเหตุของผลกระทบ
			น้อย	ปานกลาง	มาก	
8. ดินเสื่อมคุณภาพ	77.6	22.4	36.8	60.5	2.6	- การจราจกร (2.6%) - การทำการเกษตรเชิงเดี่ยว (5.3%) - ชุมชน (31.6%) - ดินเปรี้ยว (15.8%) - ไม่ทราบที่มา (44.7%)
9. ถนนชำรุด/การคมนาคมไม่สะดวก**	52.4	47.6	25.9	65.4	8.6	- การจราจกร (72.8%) - ชุมชน (3.7%) - ถนนทรุด (2.5%) - ไม่ทราบที่มา (21.0%)
10.การจราจกร/อุบัติเหตุ	61.8	38.2	36.9	61.5	1.5	- การจราจกร (73.8%) - ถนนชำรุด (1.5%) - ไม่ทราบที่มา (24.6%)

**ที่มา :** รวบรวมโดยบริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด, 2564

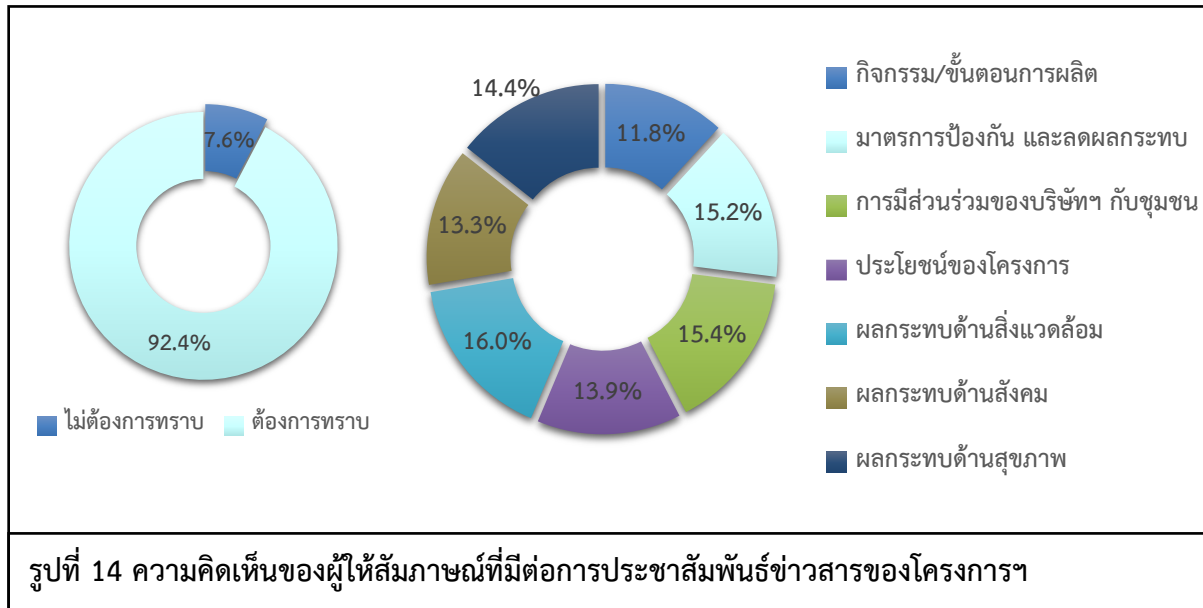
**5) การรับทราบข้อมูล/ข่าวสาร และการมีส่วนร่วมกิจกรรมของโรงไฟฟ้า**

ความคิดเห็นเกี่ยวกับโครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลฟ์ ปิพี จำกัด พบว่า ผู้นำชุมชนส่วนใหญ่ทราบ/รู้จักโรงไฟฟ้า ร้อยละ 94.1 รองลงมาไม่ทราบ/ไม่รู้จัก ร้อยละ 5.9 ส่วนผู้ให้สัมภาษณ์ที่ระบุว่าทราบนั้นโดย 3 อันดับแรก ทราบจากเคยเข้าร่วมประชุมกับทางโครงการฯ ร้อยละ 32.5 รองลงมาทราบจากผู้นำชุมชน / อบต. ร้อยละ 24.5 และทราบจากเจ้าหน้าที่ของทางโครงการฯ ร้อยละ 17.5 โดยมีรายละเอียดดังรูปที่ 13

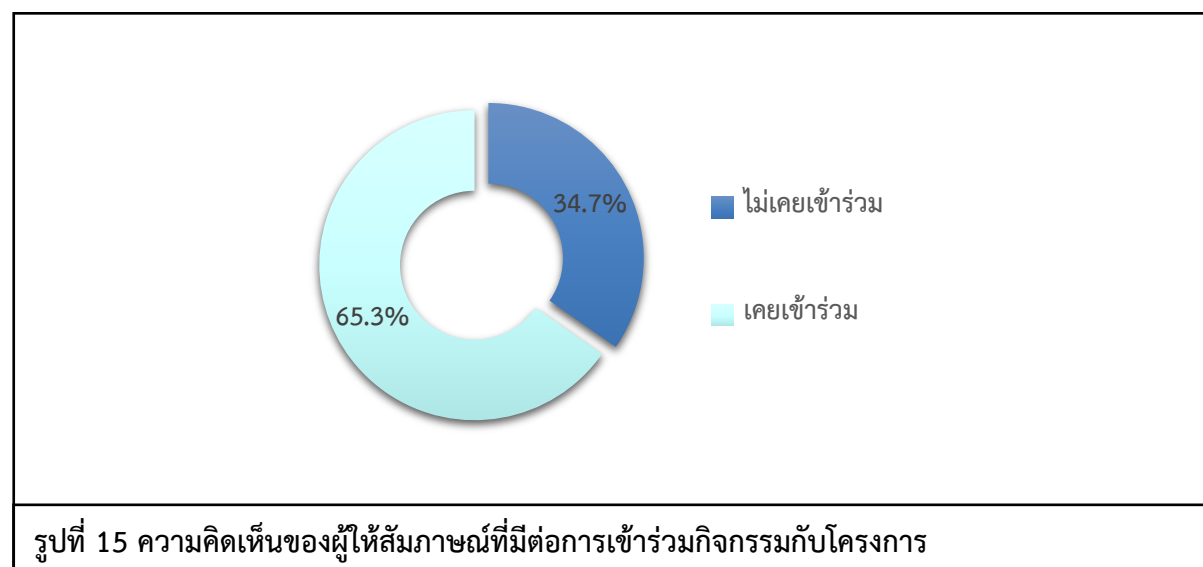




สำหรับข้อมูลการประชาสัมพันธ์ข่าวสารของโรงไฟฟ้า พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการรับทราบข้อมูล/ข่าวสารเกี่ยวกับโรงไฟฟ้า ร้อยละ 92.4 รองลงมาไม่ต้องการรับทราบข้อมูล/ข่าวสารโรงไฟฟ้า ร้อยละ 7.6 ทั้งนี้ข้อมูลที่ผู้ให้สัมภาษณ์ต้องการให้มีการประชาสัมพันธ์เพิ่มเติมโดย 3 อันดับแรก ต้องการทราบข้อมูลเกี่ยวกับผลกระทบด้านสิ่งแวดล้อม ร้อยละ 16.0 รองลงมาต้องการทราบการมีส่วนร่วมของบริษัทฯ กับชุมชน ร้อยละ 15.4 และต้องการทราบมาตรการป้องกัน และลดผลกระทบ ร้อยละ 15.2 ตามลำดับ โดยมีรายละเอียดดังรูปที่ 14



สำหรับกิจกรรมที่โรงไฟฟ้าจัดขึ้น พบว่าผู้ให้สัมภาษณ์สามารถระบุกิจกรรมที่โรงไฟฟ้าจัดขึ้นได้ ร้อยละ 52.4 รองลงมาไม่สามารถระบุกิจกรรมที่โรงไฟฟ้าจัดขึ้นได้ ร้อยละ 47.6 เมื่อสอบถามถึงการเข้าร่วมกิจกรรมกับทางโรงไฟฟ้า ผู้ให้สัมภาษณ์ส่วนใหญ่ระบุว่าเคยเข้าร่วมกิจกรรมกับโรงไฟฟ้า ร้อยละ 65.3 รองลงมาไม่เคยเข้าร่วมกิจกรรม ร้อยละ 34.7 โดยผู้ให้สัมภาษณ์ที่ระบุว่าเคยเข้าร่วมกิจกรรม เนื่องจากเป็นได้รับเชิญ ผู้นำชุมชน และเป็นคณะกรรมการ เป็นต้น โดยมีรายละเอียดดังรูปที่ 15





เมื่อสอบถามถึงการรู้จักกิจกรรมที่โรงไฟฟ้า จัดขึ้น ซึ่งมีรายละเอียดดังตารางที่ 8 โดยสามารถสรุปได้ดังนี้

■ **กิจกรรมร่วมประชุม** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่รู้จักกิจกรรม ร้อยละ 68.8 รองลงมาไม่รู้จักกิจกรรม ร้อยละ 31.2 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 91.8 รองลงมาไม่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 8.2

■ **กิจกรรมศึกษาดูงาน** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่รู้จักกิจกรรม ร้อยละ 57.6 รองลงมาไม่รู้จักกิจกรรม ร้อยละ 42.4 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 90.0 รองลงมาไม่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 10.0

■ **กิจกรรมอบรมให้ความรู้** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่รู้จักกิจกรรม ร้อยละ 58.8 รองลงมาไม่รู้จักกิจกรรม ร้อยละ 41.2 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 92.4 รองลงมาไม่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 7.6

■ **กิจกรรมให้ทุนการศึกษานักเรียน** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่รู้จักกิจกรรม ร้อยละ 50.6 รองลงมาไม่รู้จักกิจกรรม ร้อยละ 49.4 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 95.9 รองลงมาไม่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 4.1

■ **กิจกรรมวันเด็ก** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม ร้อยละ 53.5 รองลงมารู้จักกิจกรรม ร้อยละ 46.5 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 94.7 รองลงมาไม่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 5.3

■ **สนับสนุนกิจกรรมในชุมชน** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม ร้อยละ 58.8 รองลงมารู้จักกิจกรรม ร้อยละ 41.2 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 96.5 รองลงมาไม่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 3.5

■ **กิจกรรมด้านสิ่งแวดล้อม** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม ร้อยละ 68.2 รองลงมารู้จักกิจกรรม ร้อยละ 31.8 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 94.7 รองลงมาไม่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 5.3

■ **กิจกรรมชุมชนสัมพันธ์** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม ร้อยละ 66.5 รองลงมารู้จักกิจกรรม ร้อยละ 33.5 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 92.9 รองลงมาไม่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 7.1



■ **กิจกรรมตรวจสอบสุขภาพ** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม ร้อยละ 75.9 รองลงมา รู้จักกิจกรรม ร้อยละ 24.1 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 94.7 รองลงมา ไม่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 5.3

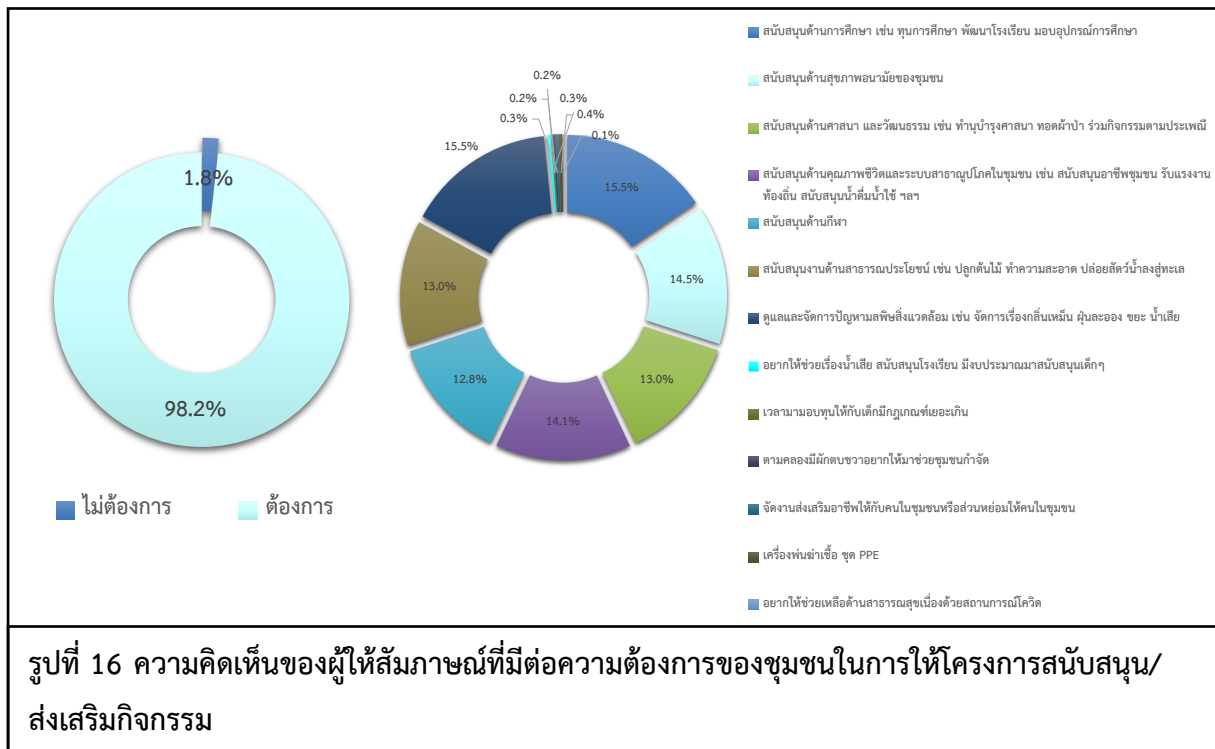
**ตารางที่ 8** ความเห็นของผู้ให้สัมภาษณ์ต่อการรู้จักกิจกรรมที่โรงไฟฟ้า จัดขึ้น

กิจกรรมที่โรงไฟฟ้า จัดขึ้น	การรู้จัก		ความต้องการให้ดำเนินการต่อเนื่อง	
	ไม่รู้จัก	รู้จัก	ไม่ต้องการ	ต้องการ
1. กิจกรรมร่วมประชุม	31.2	68.8	8.2	91.8
2. กิจกรรมศึกษาดูงาน	42.4	57.6	10.0	90.0
3. กิจกรรมอบรมให้ความรู้	41.2	58.8	7.6	92.4
4. กิจกรรมให้ทุนการศึกษานักเรียน	49.4	50.6	4.1	95.9
5. กิจกรรมวันเด็ก	53.5	46.5	5.3	94.7
6. สนับสนุนกิจกรรมในชุมชน	58.8	41.2	3.5	96.5
7. กิจกรรมด้านสิ่งแวดล้อม	68.2	31.8	5.3	94.7
8. กิจกรรมชุมชนสัมพันธ์	66.5	33.5	7.1	92.9
9. กิจกรรมตรวจสอบสุขภาพ	75.9	24.1	5.3	94.7

**ที่มา :** รวบรวมโดยบริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด, 2564

ผู้ให้สัมภาษณ์ส่วนใหญ่ระบุว่าหากทางโรงไฟฟ้า จัดกิจกรรมร่วมกับชุมชนยินดีเข้าร่วมกิจกรรม ร้อยละ 98.2 รองลงมาไม่ยินดี ร้อยละ 1.8 สำหรับความต้องการของชุมชนในการให้โรงไฟฟ้าสนับสนุน/ส่งเสริมกิจกรรม พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ทางโรงไฟฟ้า ส่งเสริมกิจกรรม ร้อยละ 98.2 ซึ่งผู้นำชุมชน ส่วนใหญ่โดย 3 อันดับแรก ต้องการให้สนับสนุนด้านการศึกษา เช่น ทุนการศึกษา พัฒนาโรงเรียน มอบอุปกรณ์การศึกษา และดูแลและจัดการปัญหามลพิษสิ่งแวดล้อม เช่น จัดการเรื่องกลิ่นเหม็น ฝุ่นละออง ขยะ น้ำเสีย ร้อยละ 15.5 สัดส่วนที่เท่ากัน รองลงมาต้องการให้สนับสนุนด้านสุขภาพอนามัยของชุมชน ร้อยละ 14.5 และต้องการให้สนับสนุนด้านคุณภาพชีวิตและระบบสาธารณสุขในชุมชน เช่น สนับสนุนอาชีพ ชุมชน รับแรงงานท้องถิ่น สนับสนุนน้ำดื่ม น้ำใช้ ฯลฯ ร้อยละ 14.1 ตามลำดับ ส่วนผู้ให้สัมภาษณ์ที่ไม่ต้องการให้ทางโรงไฟฟ้า ส่งเสริมกิจกรรม ร้อยละ 1.8 โดยมีรายละเอียดดังรูปที่ 16





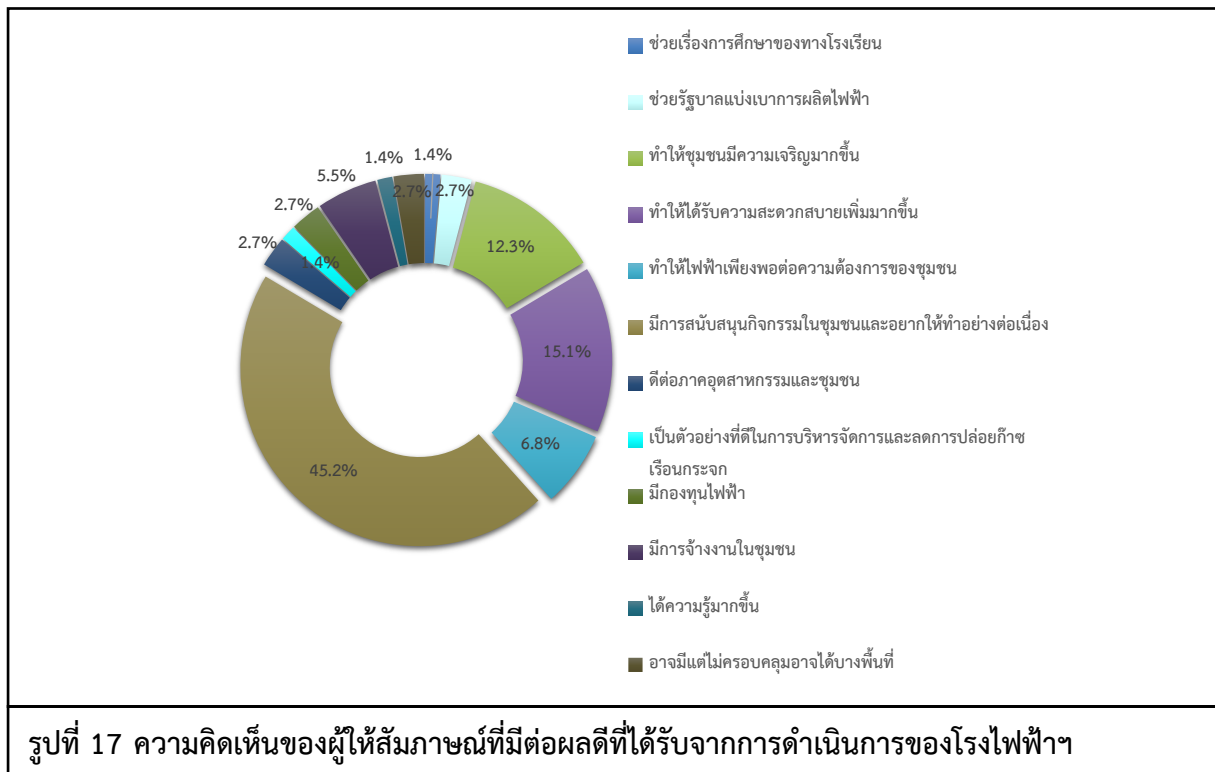
## 6) ผลกระทบและทัศนคติต่อการดำเนินงานของโรงไฟฟ้า

### 6.1) ผลดีและผลเสียที่ได้รับจากการดำเนินการของโรงไฟฟ้าฯ สามารถสรุปได้ดังนี้

ผลดีที่ได้รับจากการดำเนินการของโรงไฟฟ้าฯ ผู้ให้สัมภาษณ์ได้รับผลดี จำนวน 73 ราย ซึ่งมีรายละเอียดดังรูปที่ 17 โดยสามารถสรุปผลดีได้ดังนี้

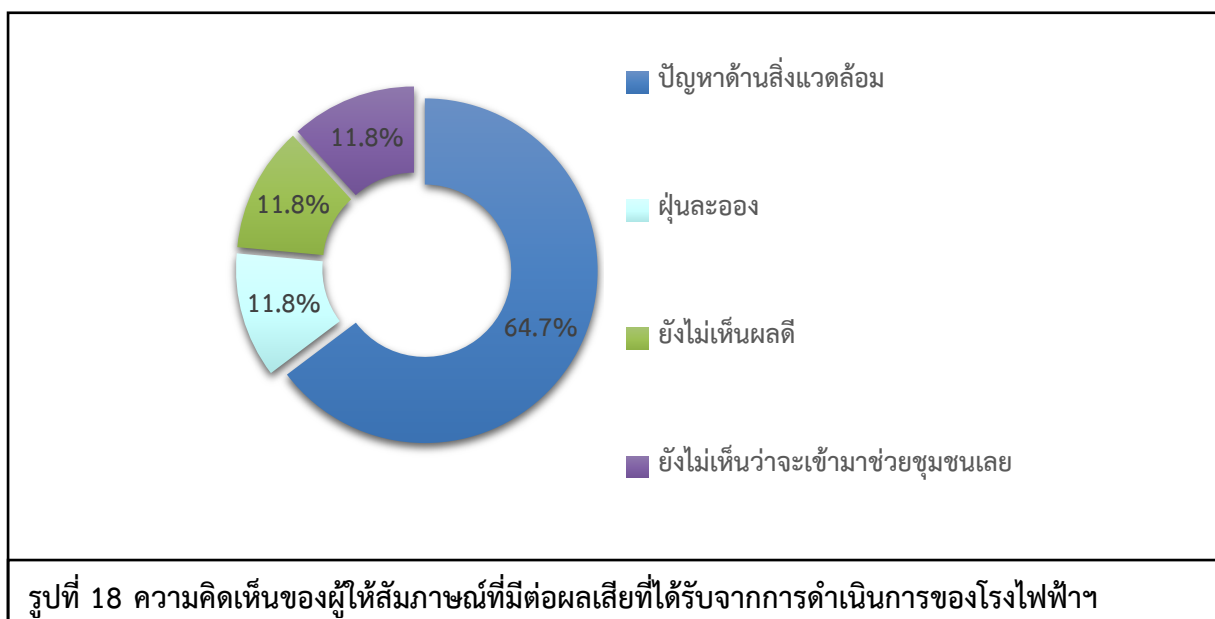
- ช่วยเรื่องการศึกษารองรับของทางโรงเรียน ร้อยละ 1.4
- ช่วยรัฐบาลแบ่งเบาการผลิตไฟฟ้า ร้อยละ 2.7
- ทำให้ชุมชนมีความเจริญมากขึ้น ร้อยละ 12.3
- ทำให้ได้รับความสะดวกสบายเพิ่มมากขึ้น ร้อยละ 15.1
- ทำให้ไฟฟ้าเพียงพอต่อความต้องการของชุมชน ร้อยละ 6.8
- มีการสนับสนุนกิจกรรมในชุมชนและอยากให้ทำอย่างต่อเนื่อง ร้อยละ 45.2
- ดีต่อภาคอุตสาหกรรมและชุมชน ร้อยละ 2.7
- เป็นตัวอย่างที่ดีในการบริหารจัดการและลดการปล่อยก๊าซเรือนกระจก ร้อยละ 1.4
- มีกองทุนไฟฟ้า ร้อยละ 2.7
- มีการจ้างงานในชุมชน ร้อยละ 5.5
- ได้ความรู้มากขึ้น ร้อยละ 1.4
- อาจมีแต่ไม่ครอบคลุมอาจได้บางพื้นที่ ร้อยละ 2.7





**ผลเสียที่ได้รับจากการดำเนินการของโรงไฟฟ้า** ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่ได้รับผลเสียแต่อย่างใด มีเพียงส่วนน้อยเท่านั้นที่ได้รับผลเสีย จำนวน 17 ราย มีรายละเอียดดังรูปที่ 18 โดยสามารถสรุปผลเสียได้ดังนี้

- ปัญหาด้านสิ่งแวดล้อม ร้อยละ 64.7
- ฝุ่นละออง ร้อยละ 11.8
- ยังไม่เห็นผลดี ร้อยละ 11.8
- ยังไม่เห็นว่า จะเข้ามาช่วยชุมชนเลย ร้อยละ 11.8





6.2) ความพึงพอใจต่อการดูแลสังคมที่ผ่านมา ซึ่งมีรายละเอียดดังตารางที่ 9 โดยสามารถสรุปได้ดังนี้

■ **ด้านความปลอดภัยจากการดำเนินงาน** พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับปานกลาง ร้อยละ 45.3 รองลงมาพึงพอใจในระดับมาก ร้อยละ 40.6 พึงพอใจในระดับน้อย ร้อยละ 7.6 พึงพอใจในระดับมากที่สุด ร้อยละ 4.1 และพึงพอใจในระดับน้อยที่สุด ร้อยละ 2.4 มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 3.36$ )

■ **ด้านสังคม** พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับปานกลาง ร้อยละ 50.0 รองลงมาพึงพอใจในระดับมาก ร้อยละ 38.8 พึงพอใจในระดับน้อย ร้อยละ 6.5 พึงพอใจในระดับมากที่สุด ร้อยละ 2.9 และพึงพอใจในระดับน้อยที่สุด ร้อยละ 1.8 มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 3.35$ )

■ **ด้านสิ่งแวดล้อม** พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับปานกลาง ร้อยละ 47.1 รองลงมาพึงพอใจในระดับมาก ร้อยละ 38.8 พึงพอใจในระดับน้อย ร้อยละ 7.6 พึงพอใจในระดับมากที่สุด ร้อยละ 4.1 และพึงพอใจในระดับน้อยที่สุด ร้อยละ 2.4 มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 3.35$ )

■ **ด้านกิจกรรมชุมชนสัมพันธ์/การมีส่วนร่วม** พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับปานกลาง ร้อยละ 43.5 รองลงมาพึงพอใจในระดับมาก ร้อยละ 38.8 มีความพึงพอใจในระดับน้อย ร้อยละ 7.1 พึงพอใจในระดับมากที่สุด ร้อยละ 5.9 และพึงพอใจในระดับน้อยที่สุด ร้อยละ 4.7 มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 3.34$ )

■ **ด้านการดูแลสุขภาพของประชาชน** พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับปานกลาง ร้อยละ 47.6 รองลงมาพึงพอใจในระดับมาก ร้อยละ 37.1 พึงพอใจในระดับน้อย ร้อยละ 8.2 พึงพอใจในระดับน้อยที่สุด ร้อยละ 4.1 และพึงพอใจในระดับมากที่สุด ร้อยละ 2.9 มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 3.26$ )

■ **การเปิดเผยข้อมูล** พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับปานกลาง ร้อยละ 45.9 รองลงมาพึงพอใจในระดับมาก ร้อยละ 37.6 พึงพอใจในระดับน้อย ร้อยละ 8.8 พึงพอใจในระดับมากที่สุด ร้อยละ 4.1 และพึงพอใจในระดับน้อยที่สุด ร้อยละ 3.5 มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 3.30$ )



## ตารางที่ 2 ความเห็นของผู้ให้สัมภาษณ์ต่อความพึงพอใจต่อการดูแลสังคมของโรงไฟฟ้าฯ

การดูแลสังคม	ระดับความพึงพอใจ					ค่าเฉลี่ย $\bar{x}$	แปลผล <sup>1/</sup>
	น้อย ที่สุด	น้อย	ปาน กลาง	มาก	มาก ที่สุด		
1. ด้านความปลอดภัยใน กระบวนการผลิต	2.4	7.6	45.3	40.6	4.1	3.36	ปานกลาง
2. ด้านสังคม	1.8	6.5	50.0	38.8	2.9	3.35	ปานกลาง
3. ด้านสิ่งแวดล้อม	2.4	7.6	47.1	38.8	4.1	3.35	ปานกลาง
4. ด้านกิจกรรมชุมชน สัมพันธ์/การมีส่วนร่วม	4.7	7.1	43.5	38.8	5.9	3.34	ปานกลาง
5. ด้านการดูแลสุขภาพของ ประชาชน	4.1	8.2	47.6	37.1	2.9	3.26	ปานกลาง
6. การเปิดเผยข้อมูล	3.5	8.8	45.9	37.6	4.1	3.30	ปานกลาง

หมายเหตุ: <sup>1/</sup>การแปลผลค่าเฉลี่ย 1.00 - 1.50 = น้อยที่สุด

1.51 - 2.50 = น้อย

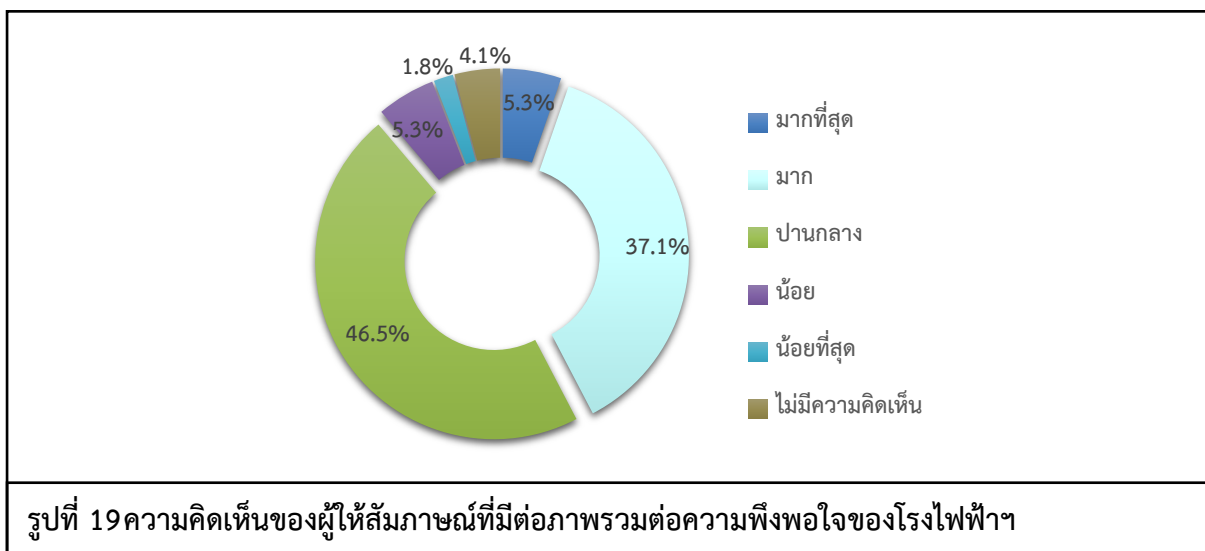
2.51 - 3.50 = ปานกลาง

3.51 - 4.50 = มาก

4.51 - 5.00 = มากที่สุด

ที่มา : รวบรวมโดยบริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด, 2564

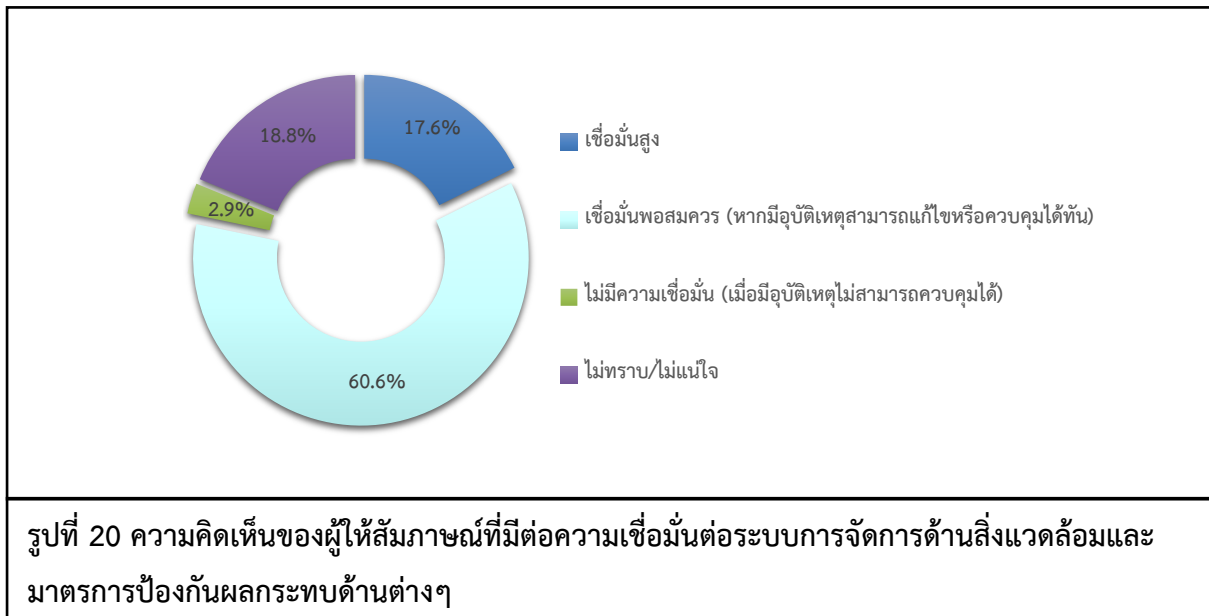
สำหรับความคิดเห็นในภาพรวมต่อความพึงพอใจของโรงไฟฟ้าฯ พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่มีความพึงพอใจในระดับปานกลาง ร้อยละ 46.5 รองลงมามีความพึงพอใจในระดับมาก ร้อยละ 37.1 พึงพอใจในระดับน้อย และระดับมากที่สุด ร้อยละ 5.3 สัดส่วนที่เท่ากัน ไม่มีความคิดเห็น ร้อยละ 4.1 และความพึงพอใจในระดับน้อยที่สุด ร้อยละ 1.8 โดยมีรายละเอียดดังรูปที่ 19



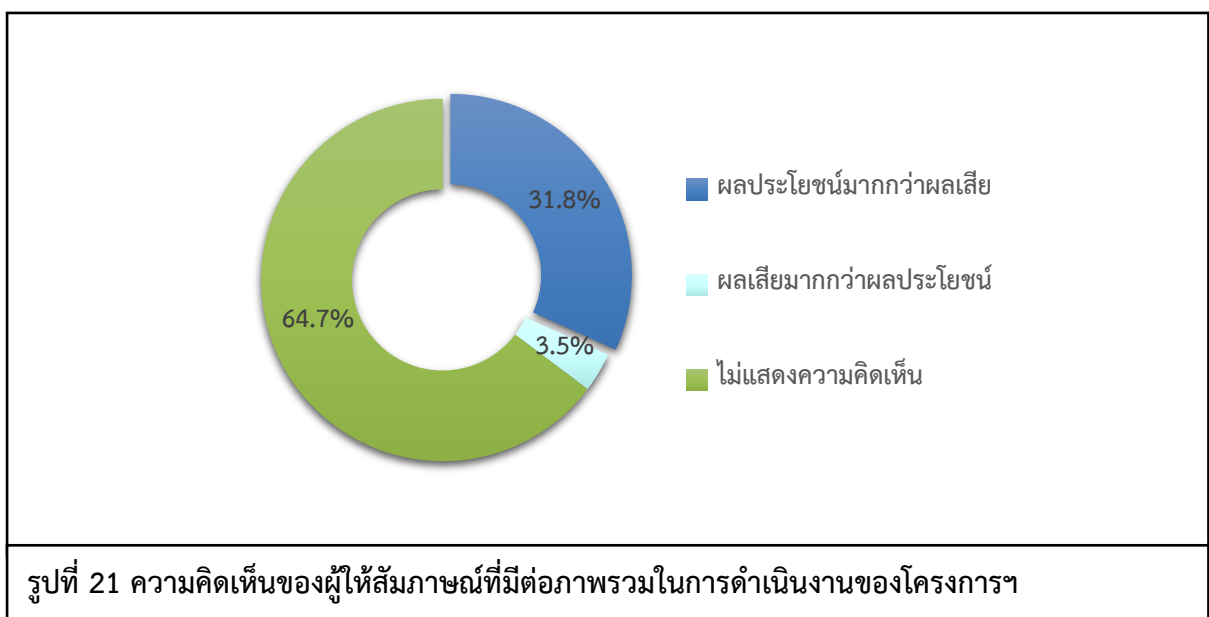


## 7) ความเชื่อมั่น และความคิดเห็นต่อโรงไฟฟ้า

ในด้านความเชื่อมั่นต่อระบบการจัดการด้านสิ่งแวดล้อมและมาตรการป้องกันผลกระทบด้านต่างๆของโรงไฟฟ้า พบว่าผู้ให้สัมภาษณ์ส่วนใหญ่ ระบุว่าเชื่อมั่นพอสมควร (หากมีอุบัติเหตุสามารถแก้ไขหรือควบคุมได้ทัน) ร้อยละ 60.6 รองลงมาระบุว่าไม่ทราบ/ไม่แน่ใจ ร้อยละ 18.8 เชื่อมั่นสูง ร้อยละ 17.6 และไม่มี ความเชื่อมั่น (เมื่อมีอุบัติเหตุไม่สามารถควบคุมได้) ร้อยละ 2.9 โดยมีรายละเอียดดังรูปที่ 20



ความคิดเห็นในภาพรวมต่อการดำเนินงานของโรงไฟฟ้าฯ ในปี พ.ศ. 2564 พบว่าผู้ให้สัมภาษณ์ ร้อยละ 64.7 ระบุว่าไม่แสดงความคิดเห็น รองลงมาระบุว่าผลประโยชน์มากกว่าผลเสีย ร้อยละ 31.8 และ ระบุว่า ผลเสียมากกว่าผลประโยชน์ ร้อยละ 3.5 โดยมีรายละเอียดดังรูปที่ 21





### สำหรับข้อเสนอแนะอื่นๆ ที่เกี่ยวกับโครงการสามารถสรุปเป็นประเด็นสำคัญได้ดังนี้

- ไม่เคยร่วมมือกับชุมชน
- ยังไม่มีผลกระทบด้านสิ่งแวดล้อมกับชุมชน
- อยากให้โครงการสนับสนุนกิจกรรมในชุมชน
- อยากให้โครงการสนับสนุนลานกิจกรรมและเครื่องออกกำลังกาย
- อยากให้โครงการดูแลรักษาการควบคุมดูแลให้ได้คุณภาพสม่ำเสมอ
- อยากให้ทางโรงไฟฟ้ามาร่วมกับกิจกรรมที่ทางชุมชนจัดขึ้น
- อยากให้โครงการมีการเชิญผู้นำหรือองค์การบริหารส่วนท้องถิ่นได้พบปะหรือพูดคุยกันบ้าง
- อยากให้โครงการมีการสำรวจและมีการจัดกิจกรรมร่วมกับชุมชน
- อยากให้โครงการจัดสรรงบประมาณให้ชุมชน
- อยากให้โครงการลงมาช่วยชุมชนช่วงโควิด
- อยู่ในเขตที่มีเวลาอะไรไม่เคยได้รับเชิญ
- อยากให้โครงการลงมาช่วยเด็กเล็กในชุมชน
- อยากให้โครงการสนับสนุนกั้นกันบำบัดน้ำเสียในชุมชน
- อยากให้โครงการมาบอกความรู้ให้กับคนในชุมชน
- อยากให้โครงการมีความสัมพันธ์กับชุมชนสม่ำเสมอ

### (3) ผลการสำรวจความคิดเห็นของกลุ่มครัวเรือน

การสำรวจความคิดเห็นของกลุ่มครัวเรือนในพื้นที่รัศมี 5 กิโลเมตรรอบที่ตั้งโครงการ ซึ่งแบ่งตามเขตการปกครองของเทศบาล และองค์การบริหารส่วนตำบล ครอบคลุมพื้นที่ศึกษา 85 ชุมชน โดยได้สำรวจความคิดเห็นครัวเรือนทั้งหมดจำนวน 874 ตัวอย่าง (แสดงรายละเอียดของกลุ่มตัวอย่างดังตารางที่ 1) เนื่องจากสถานการณ์การแพร่ระบาดของโรคไวรัสโควิด-19 ณ ช่วงเวลาที่ดำเนินการนั้น มี 2 ตำบล คือตำบลบ้านห้วย จำนวน 44 ตัวอย่าง และตำบลลิ้นช้าง จำนวน 37 ตัวอย่าง ซึ่งทางก้านัน ไม่อยากให้ทางทีมงานเข้าไปพื้นที่สำรวจ เกรงว่าจะเสี่ยงต่อสถานการณ์การแพร่ระบาดของโรคไวรัสโควิด-19 ทั้งนี้จึงได้หาแนวทางร่วมกับก้านัน จึงได้ข้อสรุปว่าทางบริษัทที่ปรึกษาจะดำเนินการส่งแบบสอบถามให้กับก้านัน และทางก้านันจะเป็นคนเรียกผู้นำชุมชนแต่ละหมู่เพื่อส่งต่อให้คนในชุมชนเพื่อดำเนินการแบบสอบถาม ทั้งนี้ทางบริษัทที่ปรึกษาได้ส่งแบบสอบถามให้ก้านันในวันที่ 1 กรกฎาคม 2564 และได้รับแบบสอบถามกลับมาวันที่ 10 กรกฎาคม 2564 ผลการสำรวจความคิดเห็น แสดงดังเอกสารแนบ 2 และสามารถสรุปรายละเอียดของผลการศึกษาดังนี้



## 1) ข้อมูลทั่วไป

ผู้ให้สัมภาษณ์ส่วนใหญ่เป็นเพศหญิง ร้อยละ 59.7 และเป็นเพศชาย ร้อยละ 40.3 ซึ่งผู้ให้สัมภาษณ์ มีอายุอยู่ระหว่าง 41-50 ปี ร้อยละ 27.7 รองลงมามีอายุอยู่ระหว่าง 51-60 ปี ร้อยละ 27.3 การนับถือศาสนาพบว่าผู้ให้สัมภาษณ์ส่วนใหญ่นับถือศาสนาพุทธ ร้อยละ 97.3 รองลงมานับถือศาสนาอิสลาม ร้อยละ 2.4 ผู้ให้สัมภาษณ์ส่วนใหญ่สถานภาพแต่งงาน/อยู่ด้วยกัน ร้อยละ 85.1 รองลงมาสถานภาพโสด ร้อยละ 7.8 สำหรับด้านการศึกษาพบว่าผู้ให้สัมภาษณ์มีการศึกษาระดับประถมศึกษา ร้อยละ 43.7 รองลงมามีการศึกษาระดับมัธยมศึกษาตอนต้น (ม.3) ร้อยละ 22.4 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่มีสถานภาพเป็นหัวหน้าครัวเรือน/ เจ้าของบ้าน ร้อยละ 61.7 รองลงมาเป็นสมาชิกในครัวเรือน ร้อยละ 38.3 โดยสมาชิกในครัวเรือนส่วนใหญ่เป็นคู่สมรส ร้อยละ 61.8 รองลงมาเป็นบุตร ร้อยละ 19.7

เมื่อสัมภาษณ์ถึงภูมิลำเนาเดิม พบว่า ผู้ให้สัมภาษณ์อยู่ที่นั่นตั้งแต่เกิด ร้อยละ 76.4 รองลงมาเป็นผู้ที่อาศัยที่ย้ายมาจากที่อื่น ร้อยละ 23.6 ในส่วนที่ย้ายมาจากที่อื่นซึ่งส่วนใหญ่ย้ายมาจากภาคกลาง ร้อยละ 38.8 รองลงมาย้ายมาจากภาคตะวันออกเฉียงเหนือ ร้อยละ 36.4 ซึ่งระยะเวลาของผู้ที่ย้ายมาจากถิ่นอื่นส่วนใหญ่อยู่ระหว่าง 1-5 ปี ร้อยละ 30.6 รองลงมาย้ายเข้ามาอยู่ในพื้นที่มากกว่า 20 ปีขึ้นไป ร้อยละ 29.1

เมื่อสัมภาษณ์ถึงการถือครองที่ดิน พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่มีที่ดินเป็นกรรมสิทธิ์ของตัวเอง ร้อยละ 50.5 รองลงมาถือครองที่ดินโดยการเช่าผู้อื่น ร้อยละ 49.5 สำหรับผู้ที่มีที่ดินเป็นกรรมสิทธิ์ของตัวเอง ส่วนใหญ่มีพื้นที่เป็นของตนเองน้อยกว่า 1 ไร่ ร้อยละ 67.3 รองลงมาพื้นที่เป็นของตนเองระหว่าง 1-3 ไร่ ร้อยละ 7.7 สำหรับผู้ถือครองที่ดินโดยการเช่าผู้อื่น ส่วนใหญ่เช่าเพื่อเป็นที่อยู่อาศัย ร้อยละ 85.3 รองลงมาเช่าเพื่อประกอบค้าขาย และประกอบอาชีพ ร้อยละ 6.9 สัดส่วนที่เท่ากัน

## 2) ข้อมูลด้านสภาพเศรษฐกิจของครัวเรือน

ผู้ให้สัมภาษณ์ส่วนใหญ่มีจำนวนสมาชิกในครัวเรือนระหว่าง 4-6 คน ร้อยละ 72.5 รองลงมาจำนวนสมาชิกในครัวเรือนระหว่าง 1-3 คน ร้อยละ 20.6 สำหรับการประกอบอาชีพหลัก พบว่า ผู้ให้สัมภาษณ์ประกอบอาชีพค้าขาย/ ธุรกิจส่วนตัว ร้อยละ 36.6 รองลงมาประกอบอาชีพรับจ้างทั่วไป ร้อยละ 21.3 ทั้งนี้ผู้ให้สัมภาษณ์ส่วนใหญ่ระบุว่าไม่ได้ประกอบอาชีพเสริมแต่อย่างใด ร้อยละ 97.7 มีบางส่วน ร้อยละ 2.3 ระบุว่าประกอบอาชีพเสริมโดยส่วนใหญ่ประกอบอาชีพค้าขาย/ ธุรกิจส่วนตัว เกษตรกรรม และรับจ้างทั่วไป ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ระบุว่าไม่มีปัญหาในการประกอบอาชีพ ร้อยละ 86.7 มีเพียง ร้อยละ 13.3 มีปัญหาในการประกอบอาชีพ โดยมีสาเหตุเนื่องจาก โรคCovid-19 รายได้ลดลง และเศรษฐกิจไม่ดี เป็นต้น สำหรับรายได้หลักของครอบครัวผู้ให้สัมภาษณ์ระบุว่า มีรายได้ระหว่าง 10,001-20,000 บาท/เดือน ร้อยละ 53.3 รองลงมา มีรายได้ระหว่าง 20,001-30,000 บาท/เดือน ร้อยละ 26.7 ส่วนรายจ่ายของผู้ให้สัมภาษณ์พบว่ามีรายจ่ายอยู่ระหว่าง 10,001-20,000 บาท/เดือน ร้อยละ 43.4 รองลงมา มีรายจ่ายอยู่ระหว่าง 20,001-30,000 บาท ร้อยละ 22.7



เมื่อพิจารณาถึงความเพียงพอของรายได้เปรียบเทียบกับรายจ่ายของครัวเรือน พบว่า ผู้ให้สัมภาษณ์ระบุว่ามียาได้เพียงพอและมีเหลือเก็บออม ร้อยละ 51.0 รองลงมามีรายได้เพียงพอแต่ไม่มีเหลือเก็บออม ร้อยละ 42.8 มียาได้ไม่เพียงพอ แต่มีหนี้สิน ร้อยละ 3.8 และมีรายได้ไม่เพียงพอ แต่ไม่มีหนี้สิน ร้อยละ 2.4

### 3) ข้อมูลด้านสาธารณสุขและสาธารณสุขปโภคในชุมชน

เมื่อสัมภาษณ์ถึงข้อมูลด้านสาธารณสุข/สุขภาพ พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ ระบุว่าในรอบปีที่ผ่านมาจนถึงปัจจุบันตนเองและบุคคลในครอบครัวไม่เคยเจ็บป่วย ร้อยละ 56.2 รองลงมาเคยเจ็บป่วย ร้อยละ 43.8 โดยเคยเจ็บป่วย ส่วนใหญ่ 3 อันดับแรก ซึ่งเจ็บป่วยเป็นโรคเบาหวาน/ความดัน ร้อยละ 33.9 รองลงมาเป็นโรคความดัน/ โรคเกี่ยวกับระบบไหลเวียนเลือด ร้อยละ 27.0 และโรคหัวใจ/ ทางเดินหายใจ ร้อยละ 20.9 โดยผู้ให้สัมภาษณ์ส่วนใหญ่ระบุว่าสาเหตุของโรคที่เจ็บป่วยมาจากโรคประจำตัว/ระบบร่างกายบกพร่อง ร้อยละ 65.8 รองลงมามีสาเหตุมาจากอากาศเปลี่ยนแปลง ร้อยละ 15.4 โดยเมื่อเจ็บป่วยแล้วผู้ให้สัมภาษณ์จะเข้ารับการรักษาที่โรงพยาบาลของรัฐบาล ร้อยละ 76.5 รองลงมาโรงพยาบาลของเอกชน ร้อยละ 7.3 โดยผู้ให้สัมภาษณ์ส่วนใหญ่ ร้อยละ 90.6 ระบุว่า การให้บริการสาธารณสุขในพื้นที่ไม่มีปัญหาในการให้บริการ มีเพียง ร้อยละ 9.4 ที่มีปัญหาการให้บริการ โดยมีปัญหาเนื่องจากโรงพยาบาลบริการช้า เครื่องมือทางการแพทย์ไม่เพียงพอ และบุคลากรทางการแพทย์ไม่เพียงพอ เป็นต้น

ด้านสาธารณสุขปโภคภายในชุมชน ผู้ให้สัมภาษณ์ระบุว่า แหล่งน้ำบริโภค (น้ำดื่ม) ในครัวเรือนส่วนใหญ่ซื้อน้ำดื่มบรรจุขวด/ถังมาบริโภค ร้อยละ 92.2 รองลงมาดื่มน้ำประปา ร้อยละ 5.0 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ระบุว่าไม่มีปัญหาคุณภาพน้ำบริโภค (น้ำดื่ม) ร้อยละ 99.8 มีเพียง ร้อยละ 0.2 ระบุว่า มีปัญหาคุณภาพของน้ำบริโภค (น้ำดื่ม) โดยปัญหาคุณภาพน้ำเกิดจากค่าใช้จ่ายไม่เพียงพอ และระบบประปาของหมู่บ้านมีปัญหาทั้งนี้การปรับปรุงคุณภาพน้ำก่อนนำมาบริโภคผู้ให้สัมภาษณ์ส่วนใหญ่ระบุว่าไม่เคยทำการปรับปรุงคุณภาพน้ำก่อนนำมาดื่ม ร้อยละ 95.2 รองลงมาทำการปรับปรุงคุณภาพน้ำก่อนนำมาดื่มโดยการกรอง ร้อยละ 4.0 ซึ่งผู้ให้สัมภาษณ์ทั้งหมดระบุว่า มีปริมาณน้ำบริโภค (น้ำดื่ม) อย่างเพียงพอ ส่วนแหล่งน้ำอุปโภค (น้ำสำหรับซัก ล้าง น้ำใช้) ในครัวเรือน พบว่า ครัวเรือนส่วนใหญ่ใช้น้ำประปา ร้อยละ 83.0 รองลงมาใช้น้ำบ่อบาดาล ร้อยละ 14.8 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ระบุว่าน้ำอุปโภค (น้ำสำหรับซัก ล้าง น้ำใช้) ไม่มีปัญหาคุณภาพน้ำ ร้อยละ 85.2 รองลงมา ร้อยละ 14.8 ระบุว่า มีปัญหาคุณภาพน้ำ โดยปัญหาคุณภาพน้ำอุปโภค (น้ำสำหรับซัก ล้าง น้ำใช้) เกิดจากน้ำขุ่น มีตะกอน/ มีสีต่างๆ น้ำไม่ค่อยไหล และน้ำไม่ค่อยสะอาด เป็นต้น ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ ร้อยละ 94.1 ระบุว่า มีปริมาณน้ำอุปโภค (น้ำใช้) อย่างเพียงพอ มีเพียง ร้อยละ 5.9 ระบุว่า มีปริมาณอุปโภค (น้ำใช้) ไม่เพียงพอ โดยปริมาณน้ำอุปโภค (น้ำใช้) ไม่เพียงพอเนื่องจากน้ำไม่ค่อยไหล การกระจายน้ำไม่ทั่วถึง และท่อประปาแตกบ่อย สำหรับแหล่งน้ำเพื่อการเกษตร พบว่า ครัวเรือนส่วนใหญ่ใช้น้ำในแม่น้ำ/ลำคลอง ร้อยละ 2.9 รองลงมาจากคลองชลประทาน ร้อยละ 1.3 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ระบุว่าแหล่งน้ำเพื่อการเกษตรไม่มีปัญหาคุณภาพน้ำ ร้อยละ 92.5 รองลงมา มีปัญหาคุณภาพน้ำ ร้อยละ 7.5 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ระบุว่า มีปริมาณน้ำเพื่อการเกษตรอย่างเพียงพอ ร้อยละ 94.3 รองลงมาไม่เพียงพอ ร้อยละ 5.7



การกำจัดของเสียในครัวเรือน พบว่า การกำจัดน้ำเสีย/น้ำทิ้งของชุมชน ครัวเรือนส่วนใหญ่ในชุมชนระบายลงท่อระบายน้ำเทศบาล ร้อยละ 59.4 รองลงมาคือ ระบายลงดิน / ที่โล่งข้างบ้าน ร้อยละ 30.2 ทิ้งลงคลอง / แหล่งน้ำตามธรรมชาติโดยตรง ร้อยละ 6.0 และระบายลงบ่อบำบัดน้ำเสียเบื้องต้นภายในบ้าน ร้อยละ 4.4 ตามลำดับ ด้านการกำจัดขยะ/มูลฝอยในครัวเรือนของผู้ให้สัมภาษณ์ ส่วนใหญ่จะรวบรวมแล้วนำไปทิ้งถังขยะของเทศบาล ร้อยละ 99.0 รองลงมากองแล้วเผา ร้อยละ 0.8

#### 4) สภาพแวดล้อมในปัจจุบัน

ผลจากการสัมภาษณ์ถึงสภาพสิ่งแวดล้อมในปัจจุบัน พบว่า ผู้ให้สัมภาษณ์ระบุว่าในระยะ 1 ปีที่ผ่านมาสภาพสิ่งแวดล้อมในชุมชนที่อาศัยไม่มีการเปลี่ยนแปลงไปจากเดิม ร้อยละ 84.7 รองลงมาสภาพสิ่งแวดล้อมมีการเปลี่ยนแปลงไปจากเดิมเล็กน้อย ร้อยละ 7.2 สภาพสิ่งแวดล้อมมีการเปลี่ยนแปลงไปจากเดิมมาก ร้อยละ 4.1 และสภาพสิ่งแวดล้อมเปลี่ยนแปลงไปจากเดิมปานกลาง ร้อยละ 4.0 ส่วนผู้ที่ระบุว่าชุมชนมีการเปลี่ยนแปลงโดย ส่วนใหญ่ 3 อันดับแรก พบว่าอากาศร้อนขึ้น ร้อยละ 43.3 รองลงมาฝุ่นละอองเยอะขึ้น ร้อยละ 7.1 และมลพิษเพิ่มขึ้น ร้อยละ 3.9

#### ผลกระทบด้านสิ่งแวดล้อม

สำหรับปัญหาความเดือดร้อน/ความรำคาญด้านสิ่งแวดล้อมในชุมชนที่ได้รับในปัจจุบัน ดังแสดงในตารางที่ 10 โดยสามารถสรุปปัญหาได้ 3 อันดับแรก ดังนี้

- **อันดับ 1 ฝุ่นละออง** พบว่า เป็นปัญหาที่ได้รับมากที่สุด ร้อยละ 31.9 ซึ่งมีระดับของผลกระทบที่ได้รับส่วนใหญ่อยู่ในระดับปานกลาง ร้อยละ 71.0 โดยสาเหตุของผลกระทบส่วนใหญ่ระบุว่าเกิดจากการจราจร ร้อยละ 60.9
- **อันดับ 2 เสียงดัง** พบว่า เป็นปัญหาที่ได้รับรองลงมา ร้อยละ 15.2 ซึ่งมีระดับของผลกระทบที่ได้รับส่วนใหญ่อยู่ในระดับปานกลาง ร้อยละ 66.2 โดยสาเหตุของผลกระทบส่วนใหญ่ระบุว่าเกิดจากการจราจร ร้อยละ 66.2
- **อันดับ 3 ควัน/เขม่า** พบว่า เป็นปัญหาที่ได้รับ ร้อยละ 11.9 ซึ่งมีระดับของผลกระทบที่ได้รับส่วนใหญ่อยู่ในระดับปานกลาง ร้อยละ 64.4 โดยสาเหตุของผลกระทบส่วนใหญ่ระบุว่าเกิดจากการจราจร ร้อยละ 40.4



**ตารางที่ 10** ความคิดเห็นของผู้ให้สัมภาษณ์ต่อปัญหาความเดือดร้อน/ความรำคาญด้านสิ่งแวดล้อมที่ได้รับในปัจจุบัน

ผลกระทบ	ไม่มี (ร้อยละ)	มี (ร้อยละ)	ระดับผลกระทบ (ร้อยละ)			สาเหตุของผลกระทบ
			น้อย	ปานกลาง	มาก	
1. ฝุ่นละออง*	68.1	<u>31.9</u>	22.9	<u>71.0</u>	6.1	<ul style="list-style-type: none"> <li>- การจราจร (60.9%)</li> <li>- ชุมชน (3.2%)</li> <li>- มาตามลม (9.3%)</li> <li>- การก่อสร้าง (2.2%)</li> <li>- โรงงาน (9.7%)</li> <li>- ทั่วไป (1.8%)</li> <li>- การเผาขยะ (0.7%)</li> <li>- ไม่ทราบที่มา (12.2%)</li> </ul>
2. ควั่น/เขม่า***	88.1	<u>11.9</u>	23.1	<u>64.4</u>	12.5	<ul style="list-style-type: none"> <li>- การจราจร (40.4%)</li> <li>- การเผาขยะ (7.7%)</li> <li>- ชุมชน (8.7%)</li> <li>- ทั่วไป (4.8%)</li> <li>- โรงงาน (7.7%)</li> <li>- มาตามลม (1.0%)</li> <li>- การก่อสร้าง (1.0%)</li> <li>- ไม่ทราบที่มา (28.8%)</li> </ul>
3. กลิ่นเหม็น	89.2	10.8	25.5	71.3	3.2	<ul style="list-style-type: none"> <li>- การจราจร (22.3%)</li> <li>- ชุมชน (29.8%)</li> <li>- โรงงาน (11.7%)</li> <li>- มาตามลม (1.1%)</li> <li>- การเผาขยะ/ขยะมูลฝอย (4.3%)</li> <li>- ลำคลอง (1.1%)</li> <li>- ทั่วไป (2.1%)</li> <li>- กลิ่นเหม็น (1.1%)</li> <li>- ไม่ทราบที่มา (26.6%)</li> </ul>
4. เสียงดัง**	84.8	<u>15.2</u>	27.1	<u>66.2</u>	6.8	<ul style="list-style-type: none"> <li>- การจราจร (66.2%)</li> <li>- ชุมชน (9.8%)</li> <li>- ทั่วไป (2.3%)</li> <li>- โรงงาน (3.0%)</li> <li>- เสียงเรือ (0.8%)</li> <li>- การก่อสร้าง (2.3%)</li> <li>- ไม่ทราบที่มา (15.8%)</li> </ul>



**ตารางที่ 10** ความคิดเห็นของผู้ให้สัมภาษณ์ต่อปัญหาความเดือดร้อน/ความรำคาญด้านสิ่งแวดล้อมที่ได้รับในปัจจุบัน (ต่อ)

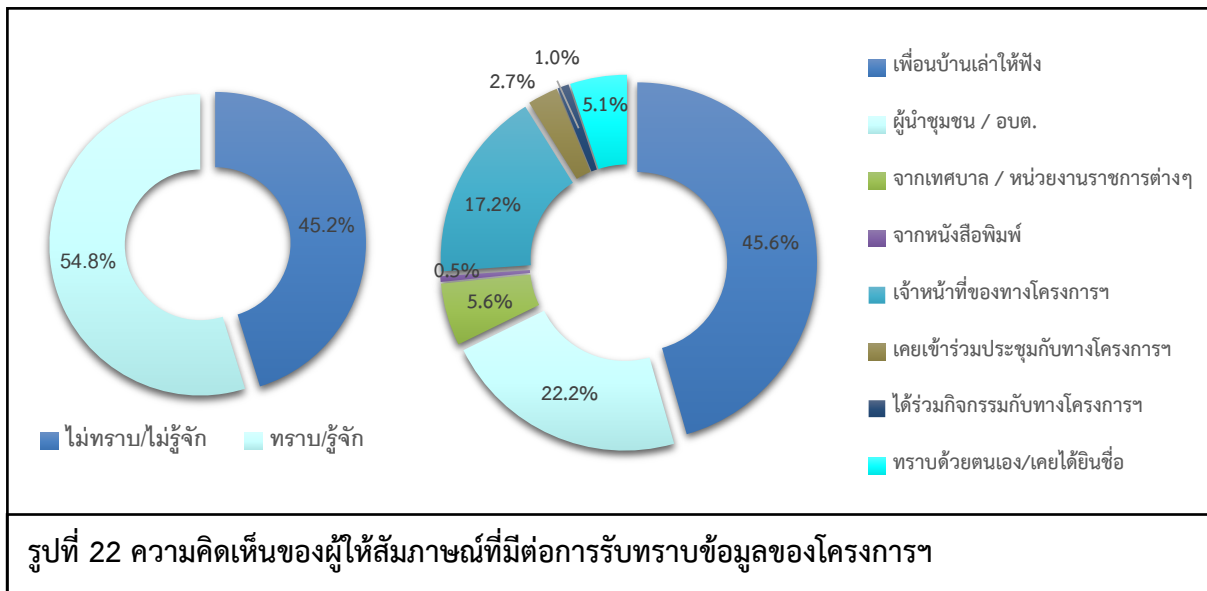
ผลกระทบ	ไม่มี (ร้อยละ)	มี (ร้อยละ)	ระดับผลกระทบ (ร้อยละ)			สาเหตุของผลกระทบ
			น้อย	ปานกลาง	มาก	
5. ขยะมูลฝอย	94.5	5.5	39.6	56.3	4.2	- ชุมชน 27.1%) - ทัวไป (8.3%) - การจราจร (2.1%) - โรงงาน (4.2%) - ขยะล้น (6.3%) - ไม่ทราบที่มา (52.1%)
6. น้ำเสีย	94.7	5.3	34.8	58.7	6.5	- ชุมชน (19.6%) - น้ำทิ้งลงลำคลอง (13.0%) - โรงงาน (13.0%) - ทัวไป (6.5%) - ไม่ทราบที่มา (47.8%)
7. น้ำท่วมขัง	96.2	3.8	33.3	66.7	0.0	- ฝนตกน้ำขัง (33.3%) - ทัวไป (9.1%) - ชุมชน (9.1%) - โรงงาน (3.0%) - ไม่ทราบที่มา (45.5%)
8. ดินเสื่อมคุณภาพ	96.0	4.0	48.6	48.6	2.9	- น้ำท่วมขัง (2.9%) - โรงงาน (5.7%) - ชุมชน (5.7%) - การจราจร (2.9%) - ทัวไป (11.4%) - ไม่ทราบที่มา (71.4%)
9. ถนนชำรุด/การคมนาคมไม่สะดวก	92.1	7.9	42.0	46.4	11.6	- การจราจร (37.7%) - โรงงาน (1.4%) - ดินทรุด (7.2%) - รถบรรทุก (2.9%) - ทัวไป (4.3%) - ถนนเสื่อมสภาพ (5.8%) - ไม่มีสะพานข้าม (1.4%) - ไม่ทราบที่มา (39.1%)
10. การจราจร/อุบัติเหตุ	90.8	9.2	43.8	55.0	1.3	- การจราจร (73.8%) - ทัวไป (1.3%) - ความประมาท (2.5%) - ไม่ทราบที่มา (22.5%)

ที่มา : รวบรวมโดยบริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด, 2564

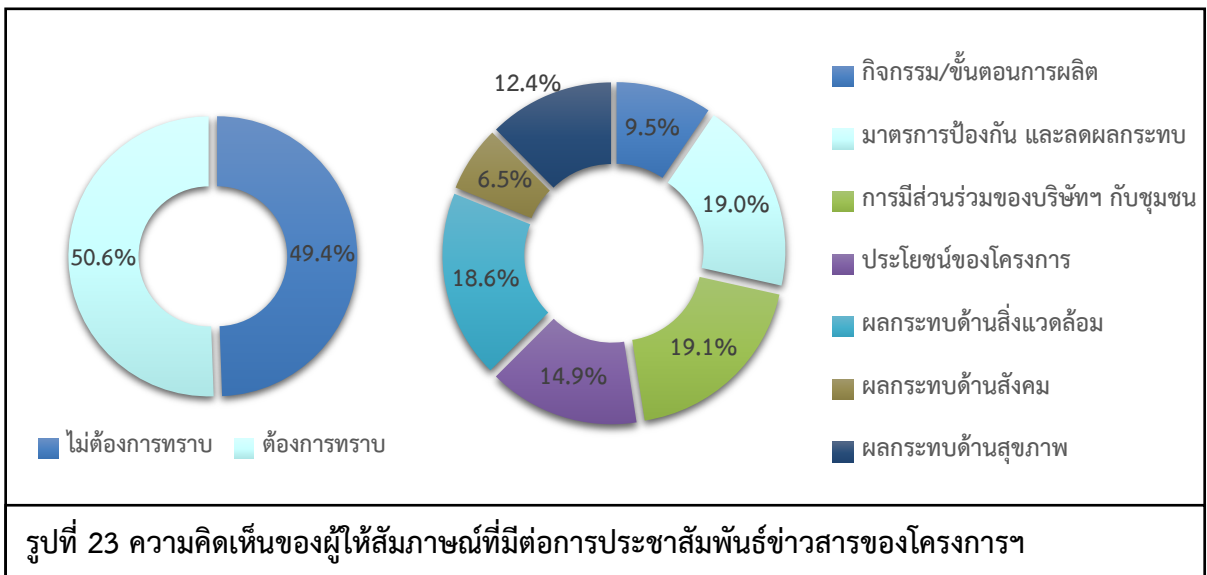


### 5) การรับทราบข้อมูล/ข่าวสาร และการมีส่วนร่วมกิจกรรมของโรงไฟฟ้า

ความคิดเห็นเกี่ยวกับโครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลป์ บีพี จำกัด พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ทราบ/รู้จักโรงไฟฟ้า ร้อยละ 54.8 รองลงมาไม่ทราบ/ไม่รู้จัก ร้อยละ 45.2 ส่วนผู้ให้สัมภาษณ์ที่ระบุว่าทราบนั้นโดย 3 อันดับแรก ทราบจากเพื่อนบ้านเล่าให้ฟัง ร้อยละ 45.6 รองลงมาทราบจากผู้นำชุมชน / อบต. ร้อยละ 22.2 และทราบจากเจ้าหน้าที่ของทางโครงการฯ ร้อยละ 17.2 โดยมีรายละเอียดดังรูปที่ 22

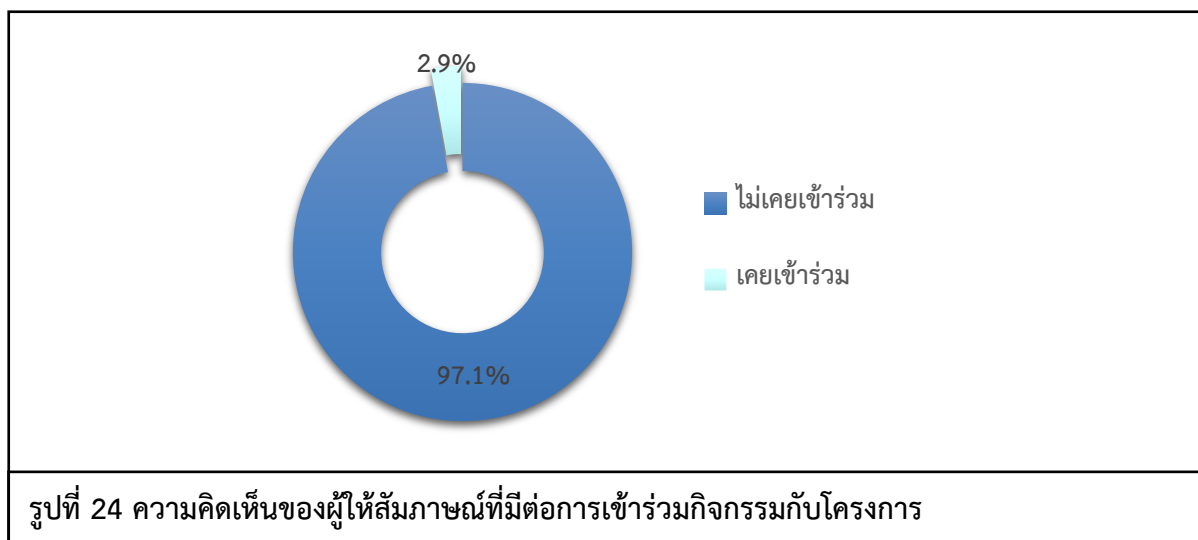


สำหรับข้อมูลการประชาสัมพันธ์ข่าวสารของโรงไฟฟ้าฯ พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการรับทราบข้อมูล/ข่าวสารเกี่ยวกับโรงไฟฟ้าฯ ร้อยละ 50.6 รองลงมาไม่ต้องการรับทราบข้อมูล/ข่าวสารโรงไฟฟ้าฯ ร้อยละ 49.4 ทั้งนี้ข้อมูลจากผู้ให้สัมภาษณ์ต้องการให้มีการประชาสัมพันธ์เพิ่มเติมโดย 3 อันดับแรก ต้องการทราบข้อมูลเกี่ยวกับการมีส่วนร่วมของบริษัทฯ กับชุมชน ร้อยละ 19.1 รองลงมาต้องการทราบมาตรการป้องกัน และลดผลกระทบ ร้อยละ 19.0 และต้องการทราบผลกระทบด้านสิ่งแวดล้อม ร้อยละ 18.6 ตามลำดับ โดยมีรายละเอียดดังรูปที่ 23





สำหรับกิจกรรมที่โรงไฟฟ้าจัดขึ้น พบว่าผู้ให้สัมภาษณ์ไม่สามารถระบุกิจกรรมที่โรงไฟฟ้าจัดขึ้นได้ ร้อยละ 96.6 รองลงมาสามารถระบุกิจกรรมที่โรงไฟฟ้าจัดขึ้นได้ ร้อยละ 3.4 เมื่อสอบถามถึงการเข้าร่วมกิจกรรมกับทางโรงไฟฟ้า ผู้ให้สัมภาษณ์ส่วนใหญ่ระบุว่าไม่เคยเข้าร่วมกิจกรรมกับโรงไฟฟ้า ร้อยละ 97.1 รองลงมาเคยเข้าร่วมกิจกรรม ร้อยละ 2.9 โดยผู้ให้สัมภาษณ์ที่ระบุว่าเคยเข้าร่วมกิจกรรม เนื่องจากได้รับเชิญเข้าร่วมประชุมเป็นตัวแทนชุมชน/หมู่บ้าน ทำแบบสำรวจและแบบสอบถาม และเข้าร่วมประชุม โดยมีรายละเอียดดังรูปที่ 24



เมื่อสอบถามถึงการรู้จักกิจกรรมที่โรงไฟฟ้า จัดขึ้น ซึ่งมีรายละเอียดดังตารางที่ 11 โดยสามารถสรุปได้ดังนี้

- **กิจกรรมร่วมประชุม** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม ร้อยละ 83.6 รองลงมารู้จักกิจกรรม ร้อยละ 16.4 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 92.6 รองลงมาไม่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 7.4
- **กิจกรรมศึกษาดูงาน** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม ร้อยละ 85.2 รองลงมารู้จักกิจกรรม ร้อยละ 14.8 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 92.7 รองลงมาไม่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 7.3
- **กิจกรรมอบรมให้ความรู้** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม ร้อยละ 85.5 รองลงมารู้จักกิจกรรม ร้อยละ 14.5 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 92.9 รองลงมาไม่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 7.1
- **กิจกรรมให้ทุนการศึกษานักเรียน** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม ร้อยละ 84.4 รองลงมารู้จักกิจกรรม ร้อยละ 15.6 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 94.5 รองลงมาไม่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 5.5



- **กิจกรรมวันเด็ก** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม ร้อยละ 84.2 รองลงมา รู้จักกิจกรรม ร้อยละ 15.8 ซึ่งผู้ให้สัมภาษณ์ทั้งหมดต้องการให้ดำเนินการต่อเนื่อง
- **สนับสนุนกิจกรรมในชุมชน** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม ร้อยละ 85.9 รองลงมา รู้จักกิจกรรม ร้อยละ 14.1 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 94.6 รองลงมา ไม่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 5.4
- **กิจกรรมด้านสิ่งแวดล้อม** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม ร้อยละ 86.4 รองลงมา รู้จักกิจกรรม ร้อยละ 13.6 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 94.1 รองลงมา ไม่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 5.9
- **กิจกรรมชุมชนสัมพันธ์** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่รู้จักกิจกรรม ร้อยละ 58.5 รองลงมา ไม่รู้จักกิจกรรม ร้อยละ 41.5 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 92.9 รองลงมา ไม่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 7.1
- **กิจกรรมตรวจสอบสุขภาพ** พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่รู้จักกิจกรรม ร้อยละ 84.8 รองลงมา รู้จักกิจกรรม ร้อยละ 15.2 ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 93.7 รองลงมา ไม่ต้องการให้ดำเนินการต่อเนื่อง ร้อยละ 6.3

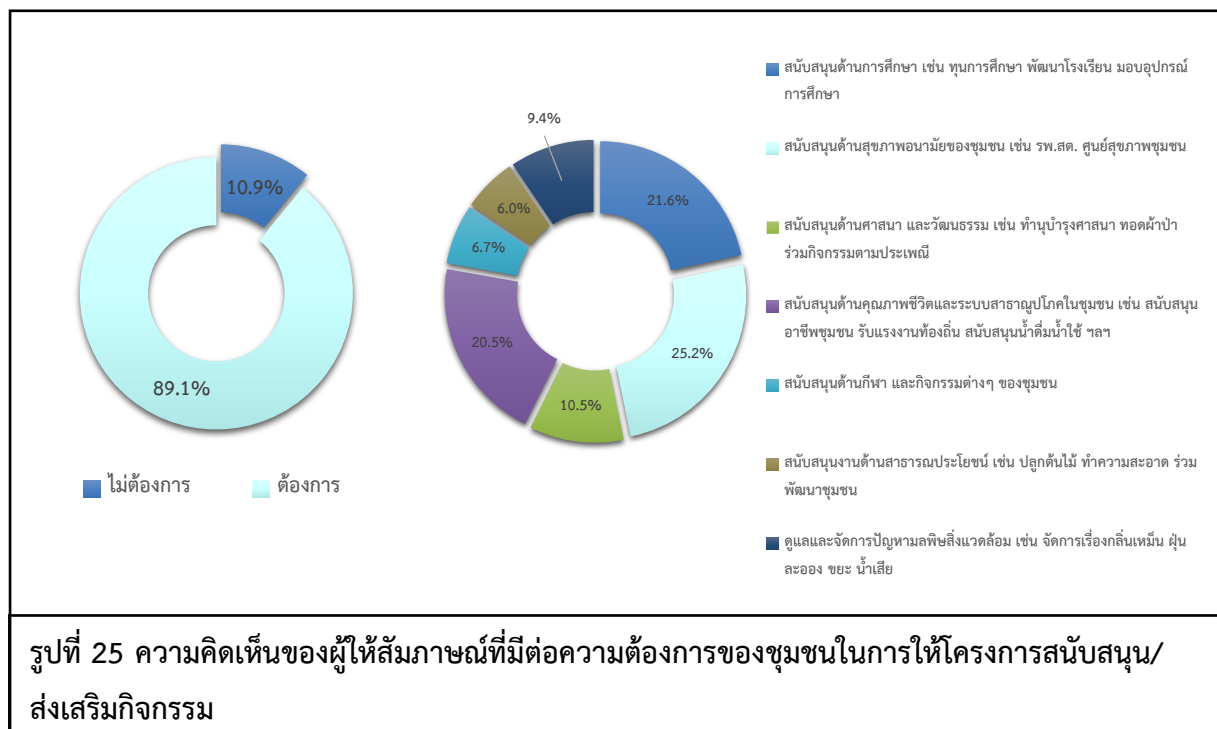
**ตารางที่ 11** ความเห็นของผู้ให้สัมภาษณ์ต่อการรู้จักกิจกรรมที่โรงไฟฟ้า จัดขึ้น

กิจกรรมที่โรงไฟฟ้า จัดขึ้น	การรู้จัก		ความต้องการให้ดำเนินการต่อเนื่อง	
	ไม่รู้จัก	รู้จัก	ไม่ต้องการ	ต้องการ
1. กิจกรรมร่วมประชุม	83.6	16.4	7.4	92.6
2. กิจกรรมศึกษาดูงาน	85.2	14.8	7.3	92.7
3. กิจกรรมอบรมให้ความรู้	85.5	14.5	7.1	92.9
4. กิจกรรมให้ทุนการศึกษานักเรียน	84.4	15.6	5.5	94.5
5. กิจกรรมวันเด็ก	84.2	15.8	0.0	100.0
6. สนับสนุนกิจกรรมในชุมชน	85.9	14.1	5.4	94.6
7. กิจกรรมด้านสิ่งแวดล้อม	86.4	13.6	5.9	94.1
8. กิจกรรมชุมชนสัมพันธ์	41.5	58.5	7.1	92.9
9. กิจกรรมตรวจสอบสุขภาพ	84.8	15.2	6.3	93.7

ที่มา : รวบรวมโดยบริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด, 2564



ผู้ให้สัมภาษณ์ส่วนใหญ่ระบุว่าหากทางโรงไฟฟ้า จัดกิจกรรมร่วมกับชุมชนยินดีเข้าร่วมกิจกรรม ร้อยละ 83.3 รองลงมาไม่ยินดี ร้อยละ 16.7 สำหรับความต้องการของชุมชนในการให้โรงไฟฟ้าสนับสนุน/ ส่งเสริมกิจกรรม พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่ต้องการให้ทางโรงไฟฟ้า ส่งเสริมกิจกรรม ร้อยละ 89.1 ซึ่ง ผู้นำชุมชน ส่วนใหญ่โดย 3 อันดับแรก ต้องการให้สนับสนุนด้านสุขภาพอนามัยของชุมชน เช่น รพ.สต. ศูนย์สุขภาพชุมชน ร้อยละ 25.2 รองลงมาต้องการให้สนับสนุนด้านการศึกษา เช่นทุนการศึกษา พัฒนาโรงเรียน มอบอุปกรณ์การศึกษา ร้อยละ 21.6 และต้องการให้สนับสนุนด้านคุณภาพชีวิตและระบบสาธารณูปโภคในชุมชน เช่น สนับสนุนอาชีพชุมชน รับแรงงานท้องถิ่น สนับสนุนน้ำดื่ม น้ำใช้ ฯลฯ ร้อยละ 20.5 ตามลำดับ ส่วนผู้ให้สัมภาษณ์ที่ไม่ต้องการให้ทางโรงไฟฟ้า ส่งเสริมกิจกรรม ร้อยละ 10.9 โดยมีรายละเอียดดังรูปที่ 25



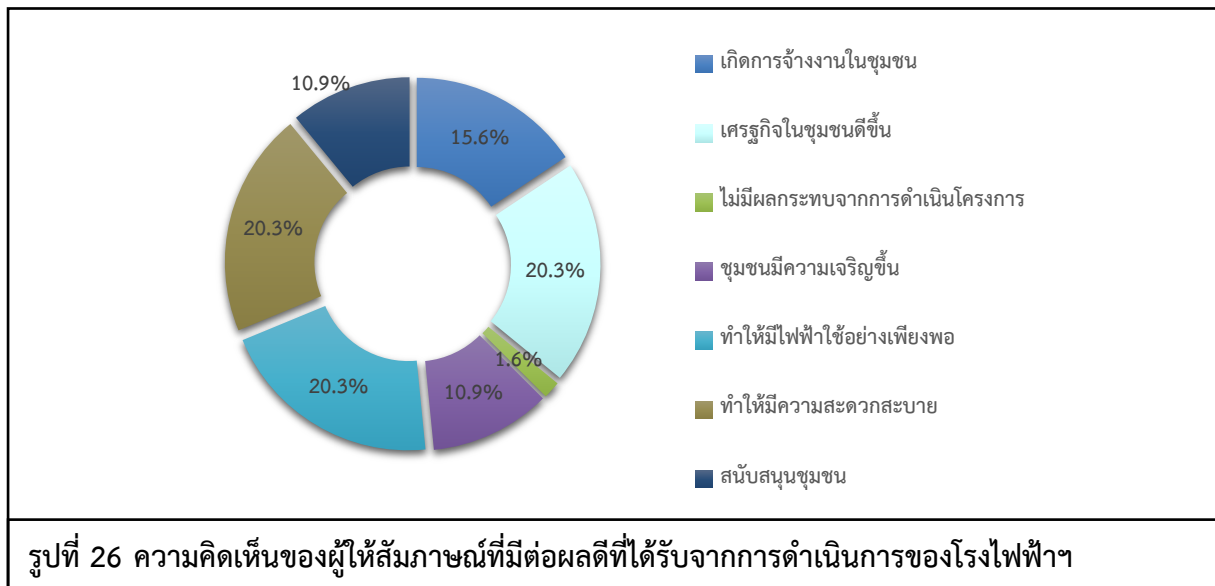
## 6) ผลกระทบและทัศนคติต่อการดำเนินงานของโรงไฟฟ้า

### 6.1) ผลดีและผลเสียที่ได้รับจากการดำเนินการของโรงไฟฟ้าฯ สามารถสรุปได้ดังนี้

ผลดีที่ได้รับจากการดำเนินการของโรงไฟฟ้าฯ ผู้ให้สัมภาษณ์ได้รับผลดี จำนวน 64 ราย ซึ่งมีรายละเอียดดังรูปที่ 26 โดยสามารถสรุปผลดีได้ดังนี้

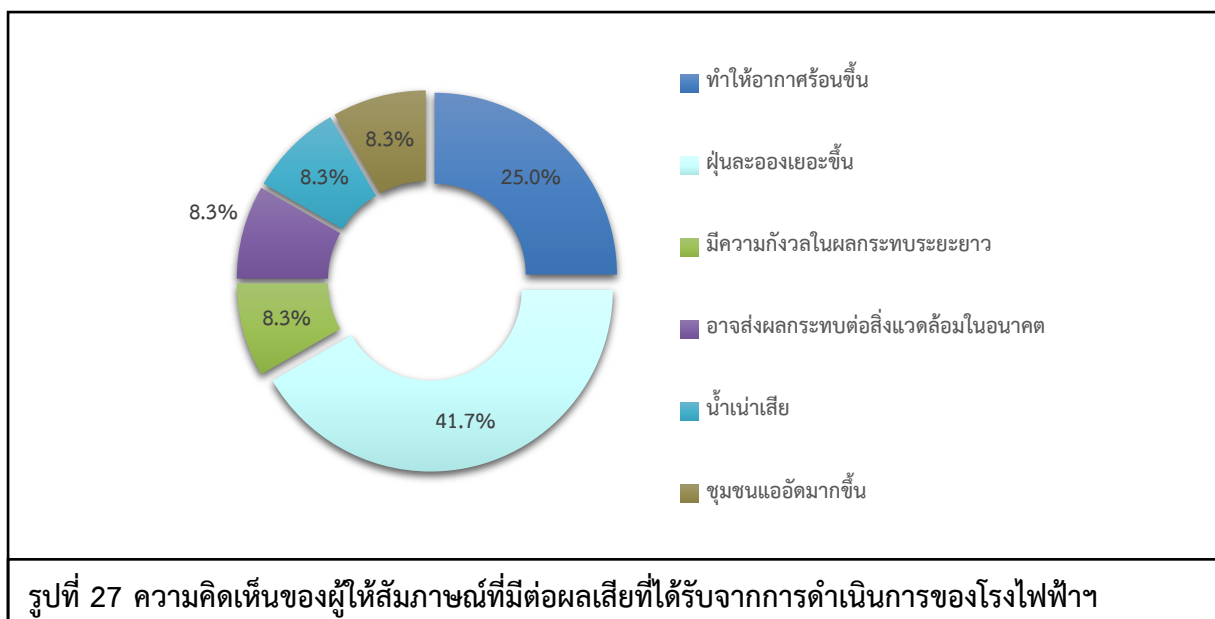
- เกิดการจ้างงานในชุมชน ร้อยละ 15.6
- เศรษฐกิจในชุมชนดีขึ้น ร้อยละ 20.3
- ไม่มีผลกระทบจากการดำเนินโครงการ ร้อยละ 1.6
- ชุมชนมีความเจริญขึ้น ร้อยละ 10.9
- ทำให้มีไฟฟ้าใช้อย่างเพียงพอ ร้อยละ 20.3
- ทำให้มีความสะดวกสบาย ร้อยละ 20.3
- สนับสนุนชุมชน ร้อยละ 10.9





**ผลเสียที่ได้รับจากการดำเนินการของโรงไฟฟ้า** ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่ได้รับผลเสียแต่อย่างใด มีเพียงส่วนน้อยเท่านั้นที่ได้รับผลเสีย จำนวน 4 ราย มีรายละเอียดดังรูปที่ 27 โดยสามารถสรุปผลเสียได้ดังนี้

- ทำให้อากาศร้อนขึ้น ร้อยละ 25.0
- ฝุ่นละอองเยอะขึ้น ร้อยละ 41.7
- มีความกังวลในผลกระทบระยะยาว ร้อยละ 8.3
- อาจส่งผลกระทบต่อสิ่งแวดล้อมในอนาคต ร้อยละ 8.3
- น้ำเน่าเสีย ร้อยละ 8.3
- ชุมชนแออัดมากขึ้น ร้อยละ 8.3





6.2) ความพึงพอใจต่อการดูแลสังคมที่ผ่านมา ซึ่งมีรายละเอียดดังตารางที่ 12 โดยสามารถสรุปได้ดังนี้

■ **ด้านความปลอดภัยจากการดำเนินงาน** พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับปานกลาง ร้อยละ 87.3 รองลงมาพึงพอใจในระดับมาก ร้อยละ 10.8 พึงพอใจในระดับน้อย ร้อยละ 1.3 พึงพอใจในระดับน้อยที่สุด ร้อยละ 0.5 และพึงพอใจในระดับมากที่สุด ร้อยละ 0.2 มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 3.09$ )

■ **ด้านสังคม** พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับปานกลาง ร้อยละ 86.6 รองลงมาพึงพอใจในระดับมาก ร้อยละ 11.6 พึงพอใจในระดับน้อย ร้อยละ 1.3 พึงพอใจในระดับน้อยที่สุด ร้อยละ 0.3 และพึงพอใจในระดับมากที่สุด ร้อยละ 0.2 มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 3.10$ )

■ **ด้านสิ่งแวดล้อม** พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับปานกลาง ร้อยละ 81.5 รองลงมาพึงพอใจในระดับมาก ร้อยละ 12.4 พึงพอใจในระดับน้อย ร้อยละ 5.6 พึงพอใจในระดับน้อยที่สุด ร้อยละ 0.3 และพึงพอใจในระดับมากที่สุด ร้อยละ 0.2 มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 3.07$ )

■ **ด้านกิจกรรมชุมชนสัมพันธ์/การมีส่วนร่วม** พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับปานกลาง ร้อยละ 69.3 รองลงมาพึงพอใจในระดับน้อย ร้อยละ 15.6 มีความพึงพอใจในระดับมาก ร้อยละ 10.5 พึงพอใจในระดับน้อยที่สุด ร้อยละ 4.3 และพึงพอใจในระดับมากที่สุด ร้อยละ 0.2 มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 2.87$ )

■ **ด้านการดูแลสุขภาพของประชาชน** พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับปานกลาง ร้อยละ 68.4 รองลงมาพึงพอใจในระดับน้อย ร้อยละ 15.9 พึงพอใจในระดับมาก ร้อยละ 9.8 พึงพอใจในระดับน้อยที่สุด ร้อยละ 5.6 และพึงพอใจในระดับมากที่สุด ร้อยละ 0.2 มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 2.83$ )

■ **การเปิดเผยข้อมูล** พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับปานกลาง ร้อยละ 66.9 รองลงมาพึงพอใจในระดับน้อย ร้อยละ 18.4 พึงพอใจในระดับมาก ร้อยละ 8.6 พึงพอใจในระดับน้อยที่สุด ร้อยละ 5.8 และพึงพอใจในระดับมากที่สุด ร้อยละ 0.2 มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 2.79$ )



**ตารางที่ 12** ความเห็นของผู้ให้สัมภาษณ์ต่อความพึงพอใจต่อการดูแลสังคมของโรงไฟฟ้าฯ

การดูแลสังคม	ระดับความพึงพอใจ					ค่าเฉลี่ย $\bar{x}$	แปลผล <sup>1/</sup>
	น้อย ที่สุด	น้อย	ปาน กลาง	มาก	มาก ที่สุด		
1. ด้านความปลอดภัยใน กระบวนการผลิต	0.5	1.3	87.3	10.8	0.2	3.09	ปานกลาง
2. ด้านสังคม	0.3	1.3	86.6	11.6	0.2	3.10	ปานกลาง
3. ด้านสิ่งแวดล้อม	0.3	5.6	81.5	12.4	0.2	3.07	ปานกลาง
4. ด้านกิจกรรมชุมชน สัมพันธ์/การมีส่วนร่วม	4.3	15.6	69.3	10.5	0.2	2.87	ปานกลาง
5. ด้านการดูแลสุขภาพของ ประชาชน	5.6	15.9	68.4	9.8	0.2	2.83	ปานกลาง
6. การเปิดเผยข้อมูล	5.8	18.4	66.9	8.6	0.2	2.79	ปานกลาง

หมายเหตุ: <sup>1/</sup>การแปลผลค่าเฉลี่ย 1.00 - 1.50 = น้อยที่สุด

1.51 - 2.50 = น้อย

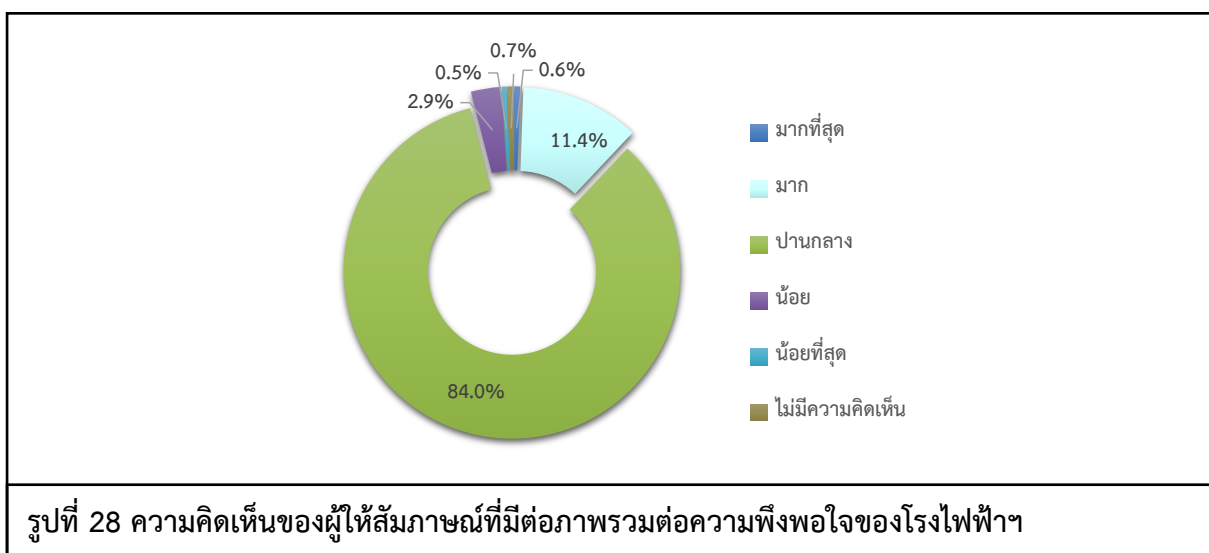
2.51 - 3.50 = ปานกลาง

3.51 - 4.50 = มาก

4.51 - 5.00 = มากที่สุด

ที่มา : รวบรวมโดยบริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด, 2564

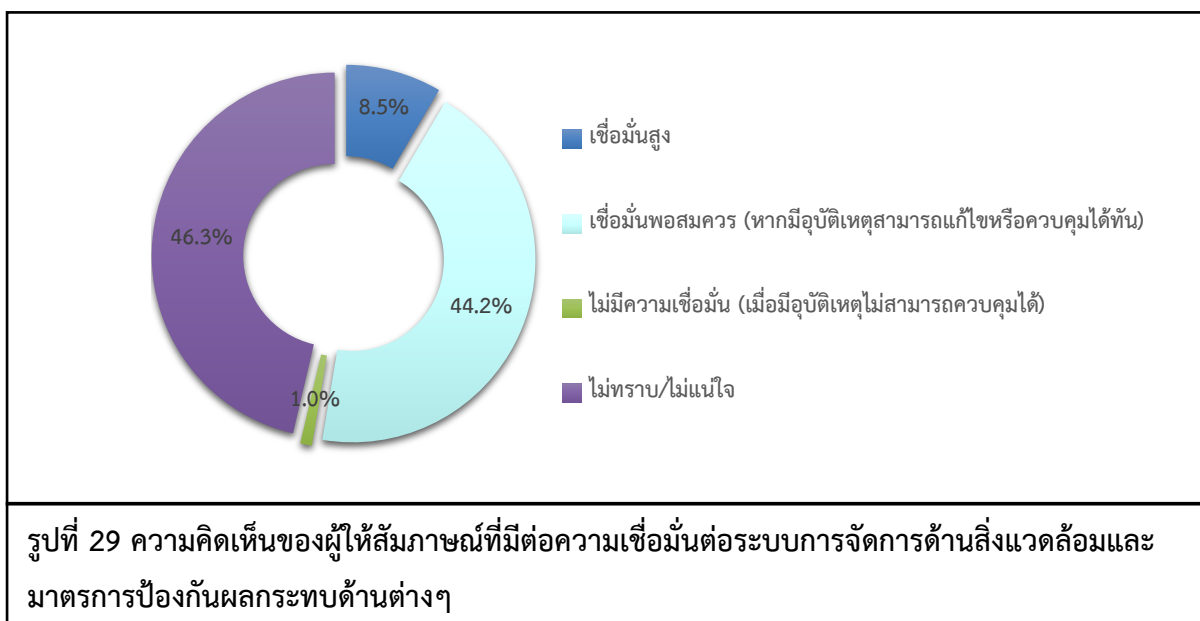
สำหรับความคิดเห็นในภาพรวมต่อความพึงพอใจของโรงไฟฟ้าฯ พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่มีความพึงพอใจในระดับปานกลาง ร้อยละ 84.0 รองลงมา มีความพึงพอใจในระดับมาก ร้อยละ 11.4 พึงพอใจในระดับน้อย ร้อยละ 2.9 ไม่มีความคิดเห็น ร้อยละ 0.7 พึงพอใจในระดับมากที่สุด ร้อยละ 0.6 และความพึงพอใจในระดับน้อยที่สุด ร้อยละ 0.5 โดยมีรายละเอียดดังรูปที่ 28



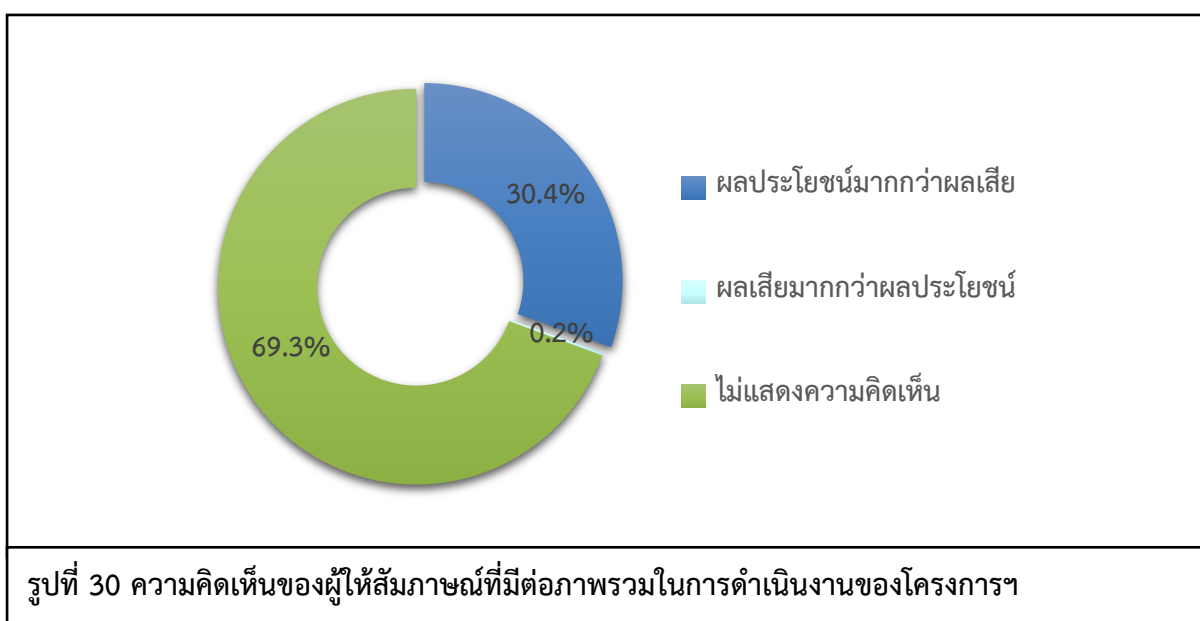


## 7) ความเชื่อมั่น และความคิดเห็นต่อโรงไฟฟ้า

ในด้านความเชื่อมั่นต่อระบบการจัดการด้านสิ่งแวดล้อมและมาตรการป้องกันผลกระทบด้านต่างๆของโรงไฟฟ้า พบว่าผู้ให้สัมภาษณ์ส่วนใหญ่ ระบุว่าไม่ทราบ/ไม่แน่ใจ ร้อยละ 46.3 รองลงมาระบุว่าเชื่อมั่นพอสมควร (หากมีอุบัติเหตุสามารถแก้ไขหรือควบคุมได้ทัน) ร้อยละ 44.2 เชื่อมั่นสูง ร้อยละ 8.5 และไม่มีความเชื่อมั่น (เมื่อมีอุบัติเหตุไม่สามารถควบคุมได้) ร้อยละ 1.0 โดยมีรายละเอียดดังรูปที่ 29



ความคิดเห็นในภาพรวมต่อการดำเนินงานของโรงไฟฟ้าฯ ในปี พ.ศ. 2564 พบว่าผู้ให้สัมภาษณ์ ร้อยละ 69.3 ระบุว่าไม่แสดงความคิดเห็น รองลงมาระบุว่าผลประโยชน์มากกว่าผลเสีย ร้อยละ 30.4 และระบุว่า ผลเสียมากกว่าผลประโยชน์ ร้อยละ 0.2 โดยมีรายละเอียดดังรูปที่ 30





### สำหรับข้อเสนอแนะอื่นๆ ที่เกี่ยวกับโครงการการ สามารถสรุปเป็นประเด็นสำคัญได้ดังนี้

- อยากให้โครงการดูแลประชาชนมากขึ้น จัดสรรงบประมาณเข้ามาสนับสนุนในชุมชน
- อยากให้โครงการดูแลสิ่งแวดล้อมให้ดียิ่งขึ้นให้มีผลกระทบกับชุมชน
- อยากให้โครงการทำเครื่องออกกำลังกายให้คนในชุมชน
- อยากให้โครงการประชาสัมพันธ์เกี่ยวกับการตรวจสอบสิ่งแวดล้อมให้ประชาชนทราบ
- หากมีการประชุมอยากให้โครงการแจ้งล่วงหน้า
- อยากให้โครงการเข้ามาทำกิจกรรมร่วมกับชุมชนให้มากขึ้น
- อยากให้โครงการช่วยทุนเกี่ยวกับครูสอนศาสนา
- อยากให้โครงการช่วยเหลือผู้ประสบภัย Covid - 19
- อยากให้โครงการมาช่วยดูเรื่องไฟฟ้าดับบ่อย
- อยากให้โครงการมีงบมาเพื่อพัฒนาชุมชน
- อยากให้โครงการมีวิทยากรเชี่ยวชาญมาให้ความรู้เกี่ยวกับโครงการโรงไฟฟ้า
- อยากให้โครงการสนับสนุนทุนการศึกษาเด็กๆในชุมชน

#### (4) ผลการสำรวจความคิดเห็นของกลุ่มสถานประกอบการ

โครงการได้ทำการสัมภาษณ์ตัวแทนสถานประกอบการข้างเคียง โดยทำการสัมภาษณ์ตัวแทนหน่วยงาน จำนวน 5 ตัวอย่าง ซึ่งทางที่ปรึกษาสามารถสำรวจและเก็บข้อมูลได้จริง จำนวน 2 ตัวอย่าง และจำนวนตัวอย่างที่เหลือ 3 ตัวอย่างได้แก่ 1) บริษัท จีเทคคุโตะ (ประเทศไทย) จำกัด 2) บริษัท คาไซ เทคซี จำกัด และ 3) บริษัท มิคุนิ (ประเทศไทย) จำกัด ทางหน่วยงานไม่ทำการตอบแบบสอบถาม

อย่างไรก็ตาม ได้ดำเนินการจัดส่งหนังสือขอความอนุเคราะห์ตอบแบบสำรวจความคิดเห็น โดยได้จัดส่งจดหมาย อีเมล และการโทรติดต่อตรงไปยังหน่วยงานดังกล่าวอีกหลายครั้ง จำนวน 3 ราย และรอการตอบกลับถึงวันที่ 26 กรกฎาคม พ.ศ. 2564 แต่ไม่ได้รับการตอบกลับ (แสดงรายละเอียดของกลุ่มตัวอย่างอ้างอิงถึง ตารางที่ 13) และผลการสำรวจความคิดเห็น แสดงดังเอกสารแนบ 2 และสามารถสรุปรายละเอียดของผลการศึกษาได้ดังนี้

#### ตารางที่ 13 แสดงจำนวนตัวอย่างของกลุ่มหน่วยงานราชการ

ลำดับ	ชื่อสถานประกอบการ	ตำแหน่ง
1	บริษัท บีไอจีแอล เทคโนโลยี (ประเทศไทย) จำกัด	Staff Engineer
2	บริษัท ซีโอดี อินทิเกร (ประเทศไทย) จำกัด	SAFETY OFFICER

ที่มา : รวบรวมโดยบริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด, 2564

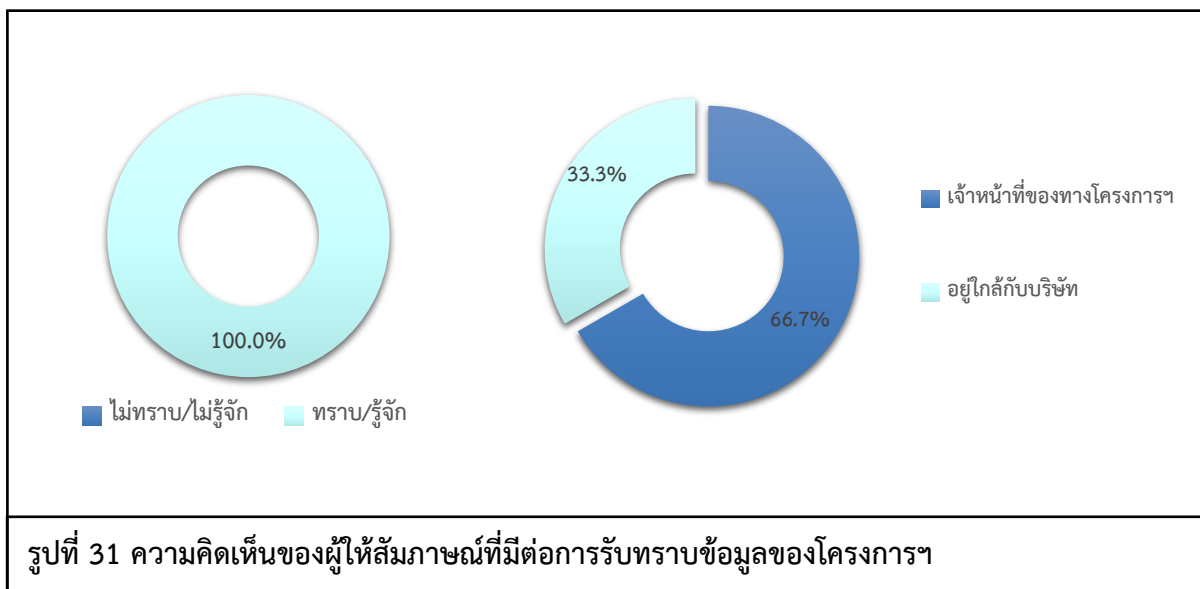


## 1) ข้อมูลทั่วไป

ผู้ให้สัมภาษณ์ทั้งหมดเป็นเพศหญิง ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่อายุระหว่าง 20-30 ปี และระหว่าง 31-40 ปี ร้อยละ 50.0 สัดส่วนที่เท่ากัน โดยผู้ให้สัมภาษณ์ส่วนใหญ่ดำรงตำแหน่งเป็น Staff Engineer และ SAFETY OFFICER ร้อยละ 50.0 สัดส่วนที่เท่ากัน ซึ่งผู้ให้สัมภาษณ์ส่วนใหญ่มีระยะเวลาในการดำรงตำแหน่งระหว่าง 1-5 ปี และระหว่าง 6-10 ปี ร้อยละ 50.0 สัดส่วนที่เท่ากัน

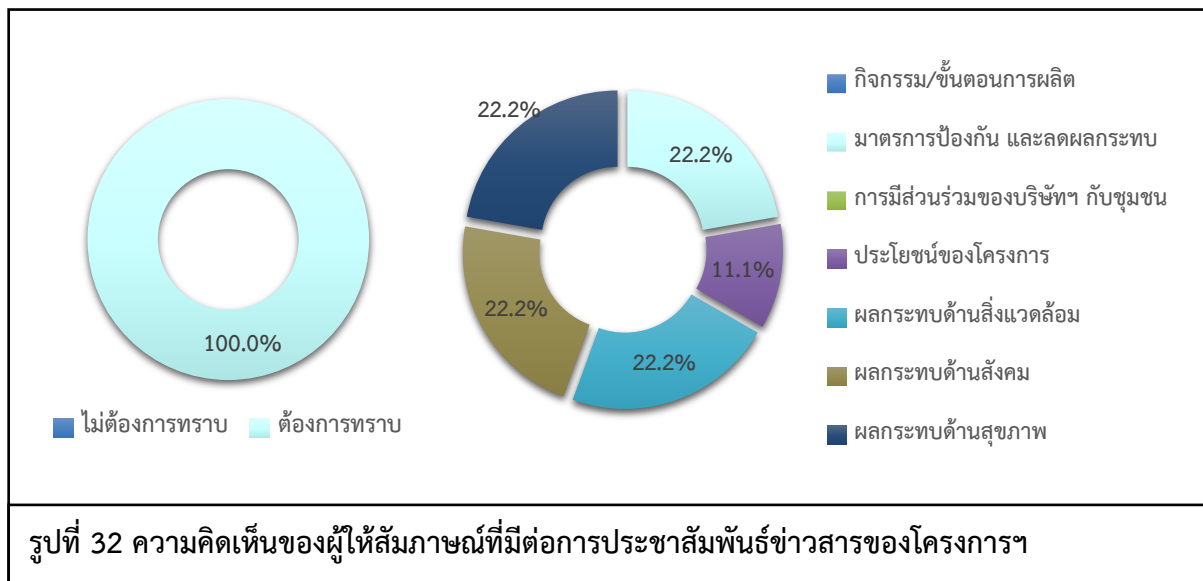
## 2) การรับทราบข้อมูล/ข่าวสาร และการมีส่วนร่วมกิจกรรมของโรงไฟฟ้า

ความคิดเห็นเกี่ยวกับโครงการโรงไฟฟ้าบ้านโพ ของบริษัท กัลป์ บีพี จำกัด พบว่า ผู้ให้สัมภาษณ์ทั้งหมดทราบ/รู้จักโรงไฟฟ้า ส่วนผู้ให้สัมภาษณ์ที่ระบุว่าทราบนั้นโดย 3 อันดับแรก ทราบจากเจ้าหน้าที่ของทางโครงการฯ ร้อยละ 66.7 รองลงมาทราบจากอยู่ใกล้กับบริษัท ร้อยละ 33.3 โดยมีรายละเอียดดังรูปที่ 31

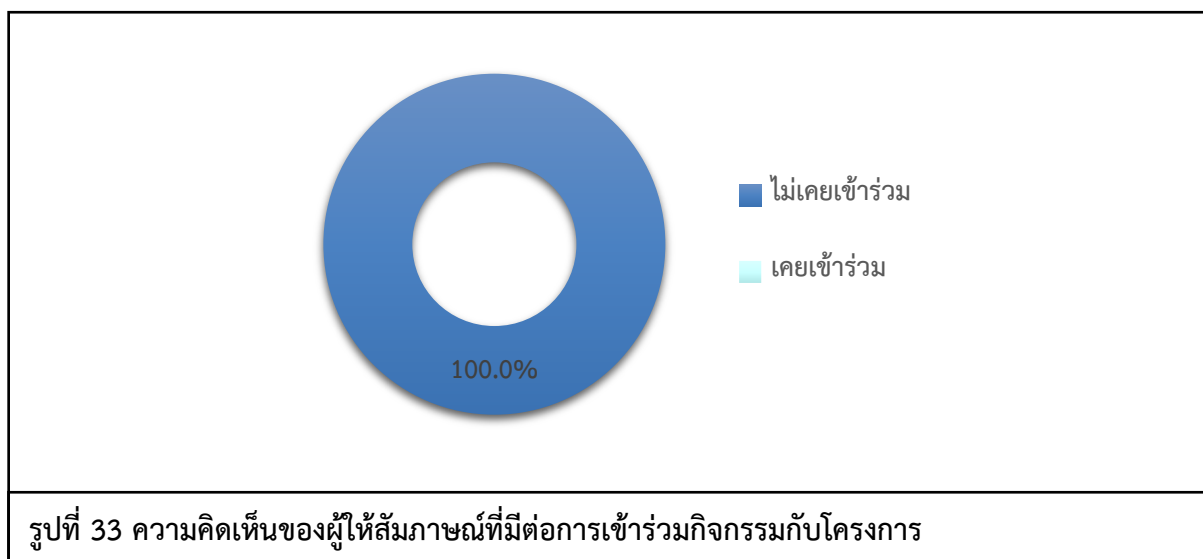


สำหรับข้อมูลการประชาสัมพันธ์ข่าวสารของโรงไฟฟ้าฯ พบว่า ผู้ให้สัมภาษณ์ทั้งหมดต้องการรับทราบข้อมูล/ข่าวสารเกี่ยวกับโรงไฟฟ้าฯ ทั้งนี้ข้อมูลที่ผู้ให้สัมภาษณ์ต้องการให้มีการประชาสัมพันธ์เพิ่มเติมโดย 3 อันดับแรก ต้องการทราบข้อมูลเกี่ยวกับมาตรการป้องกัน และลดผลกระทบ ผลกระทบด้านสิ่งแวดล้อม ผลกระทบด้านสังคม และผลกระทบด้านสุขภาพ ร้อยละ 22.2 สัดส่วนที่เท่ากัน รองลงมาต้องการทราบประโยชน์ของโครงการ ร้อยละ 11.1 ตามลำดับ โดยมีรายละเอียดดังรูปที่ 32





สำหรับกิจกรรมที่โรงไฟฟ้าจัดขึ้น พบว่าผู้ให้สัมภาษณ์ทั้งหมดไม่สามารถระบุกิจกรรมที่โรงไฟฟ้าจัดขึ้นได้ เมื่อสอบถามถึงการเข้าร่วมกิจกรรมกับทางโรงไฟฟ้าฯ ผู้ให้สัมภาษณ์ทั้งหมดระบุว่าไม่เคยเข้าร่วมกิจกรรมกับโรงไฟฟ้าฯ โดยมีรายละเอียดดังรูปที่ 33



เมื่อสอบถามถึงการรู้จักกิจกรรมที่โรงไฟฟ้าฯ จัดขึ้น พบว่า ผู้ให้สัมภาษณ์ทั้งหมดระบุว่า ไม่รู้จักกิจกรรมใดๆที่จัดขึ้น

ผู้ให้สัมภาษณ์ส่วนใหญ่ระบุว่า หากทางโรงไฟฟ้าฯ จัดกิจกรรมร่วมกับชุมชนยินดีเข้าร่วมกิจกรรมและไม่ยินดี ร้อยละ 50.0 สัดส่วนที่เท่ากัน โดยไม่ยินดี เนื่องจาก ไม่สะดวกเข้าร่วม

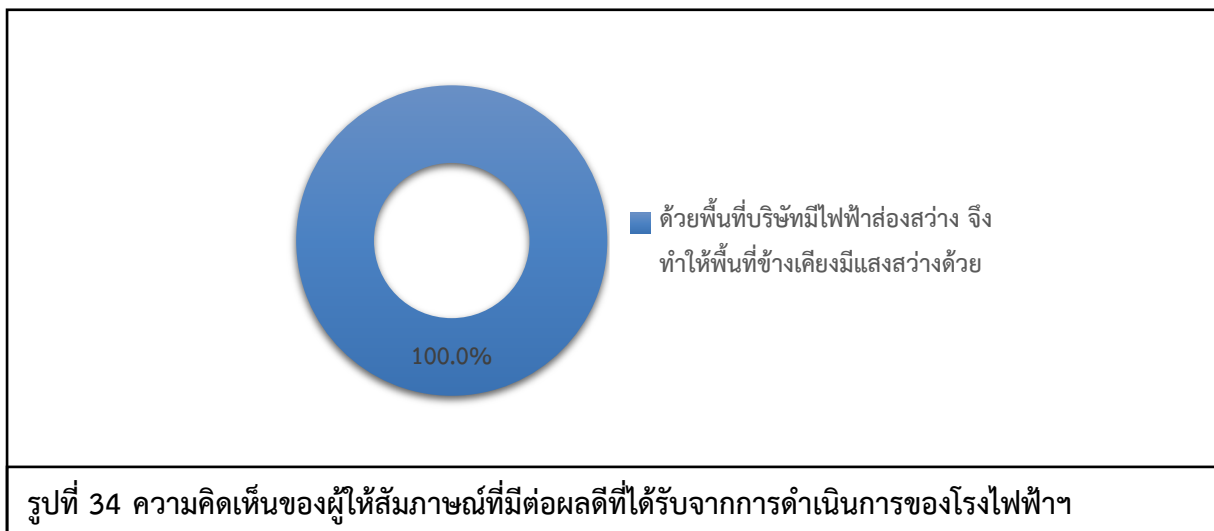


### 3) ผลกระทบและทัศนคติต่อการดำเนินงานของโรงไฟฟ้า

#### 3.1) ผลดีและผลเสียที่ได้รับจากการดำเนินการของโรงไฟฟ้าฯ สามารถสรุปได้ดังนี้

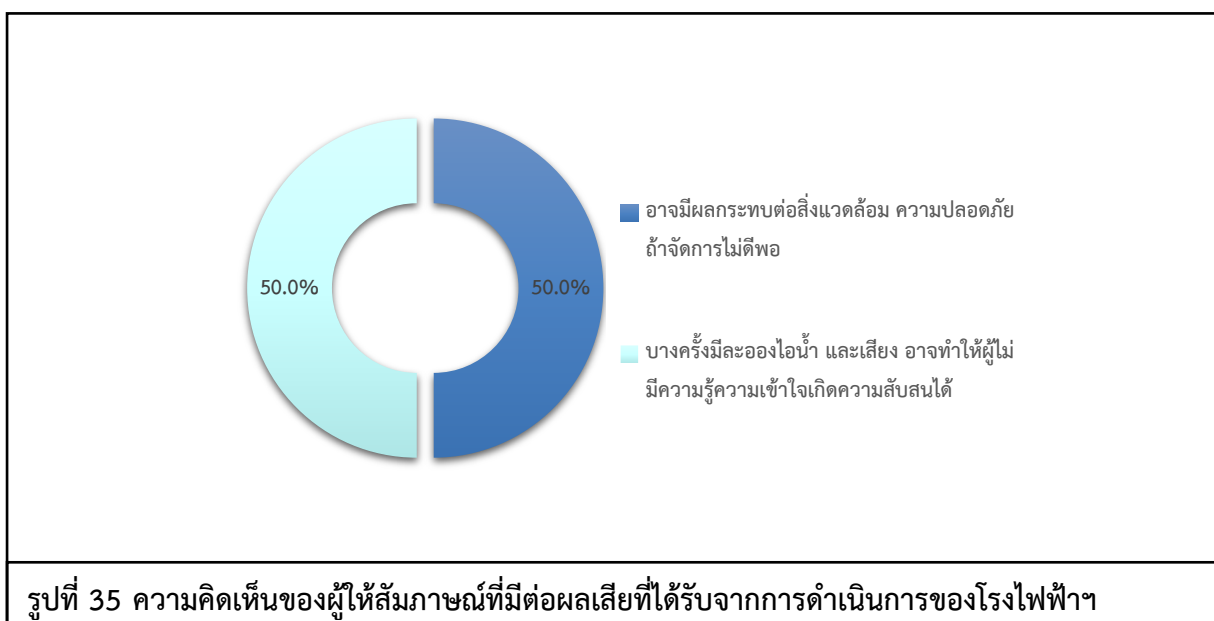
ผลดีที่ได้รับจากการดำเนินการของโรงไฟฟ้าฯ ผู้ให้สัมภาษณ์ได้รับผลดี จำนวน 1 ราย ซึ่งมีรายละเอียดดังรูปที่ 34 โดยสามารถสรุปผลดีได้ดังนี้

- ด้วยพื้นที่บริษัทมีไฟฟ้าส่องสว่าง จึงทำให้พื้นที่ข้างเคียงมีแสงสว่างด้วย ร้อยละ 100.0



ผลเสียที่ได้รับจากการดำเนินการของโรงไฟฟ้าฯ ผู้ให้สัมภาษณ์ส่วนใหญ่ไม่ได้รับผลเสียแต่อย่างใด มีเพียงส่วนน้อยเท่านั้นที่ได้รับผลเสีย จำนวน 2 ราย มีรายละเอียดดังรูปที่ 35 โดยสามารถสรุปผลเสียได้ดังนี้

- อาจมีผลกระทบต่อสิ่งแวดล้อม ความปลอดภัย ถ้าจัดการไม่ดีพอ ร้อยละ 50.0
- บางครั้งมีละอองไอน้ำ และเสียง อาจทำให้ผู้ไม่มีความรู้ความเข้าใจเกิดความสับสนได้ ร้อยละ 50.0





3.2) ความพึงพอใจต่อการดูแลสังคมที่ผ่านมา ซึ่งมีรายละเอียดดังตารางที่ 14 โดยสามารถสรุปได้ดังนี้

- ด้านความปลอดภัยจากการดำเนินงาน พบว่า ผู้ให้สัมภาษณ์ทั้งหมดมีความพึงพอใจในระดับมาก มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับมาก ( $\bar{x} = 4.00$ )
- ด้านสังคม พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับปานกลาง และพึงพอใจในระดับมาก ร้อยละ 50.0 สัดส่วนที่เท่ากัน มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 3.50$ )
- ด้านสิ่งแวดล้อม พบว่า ผู้ให้สัมภาษณ์ทั้งหมดมีความพึงพอใจในระดับปานกลาง มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 3.00$ )
- ด้านกิจกรรมชุมชนสัมพันธ์/การมีส่วนร่วม พบว่า ผู้ให้สัมภาษณ์ทั้งหมดมีความพึงพอใจในระดับปานกลาง มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 3.00$ )
- ด้านการดูแลสุขภาพของประชาชน พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับปานกลาง ร้อยละ 80.0 รองลงมาพึงพอใจในระดับมาก ร้อยละ 20.0 มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 3.20$ )
- การเปิดเผยข้อมูล พบว่า ผู้ให้สัมภาษณ์มีความพึงพอใจในระดับมาก และพึงพอใจในระดับน้อยที่สุด ร้อยละ 50.0 สัดส่วนที่เท่ากัน มีค่าเฉลี่ยความพึงพอใจอยู่ในระดับปานกลาง ( $\bar{x} = 2.50$ )

ตารางที่ 14 ความเห็นของผู้ให้สัมภาษณ์ต่อความพึงพอใจต่อการดูแลสังคมของโรงไฟฟ้าฯ

การดูแลสังคม	ระดับความพึงพอใจ					ค่าเฉลี่ย $\bar{x}$	แปลผล <sup>1/</sup>
	น้อยที่สุด	น้อย	ปานกลาง	มาก	มากที่สุด		
1. ด้านความปลอดภัยในกระบวนการผลิต	0.0	0.0	0.0	100.0	0.0	4.0	มาก
2. ด้านสังคม	0.0	0.0	50.0	50.0	0.0	3.50	ปานกลาง
3. ด้านสิ่งแวดล้อม	0.0	0.0	100.0	0.0	0.0	3.00	ปานกลาง
4. ด้านกิจกรรมชุมชนสัมพันธ์/การมีส่วนร่วม	0.0	0.0	100.0	0.0	0.0	3.00	ปานกลาง
5. ด้านการดูแลสุขภาพของประชาชน	0.0	0.0	80.0	20.0	0.0	3.20	ปานกลาง
6. การเปิดเผยข้อมูล	50.0	0.0	0.0	50.0	0.0	2.50	น้อย

หมายเหตุ: <sup>1/</sup>การแปลผลค่าเฉลี่ย 1.00 - 1.50 = น้อยที่สุด

1.51 - 2.50 = น้อย

2.51 - 3.50 = ปานกลาง

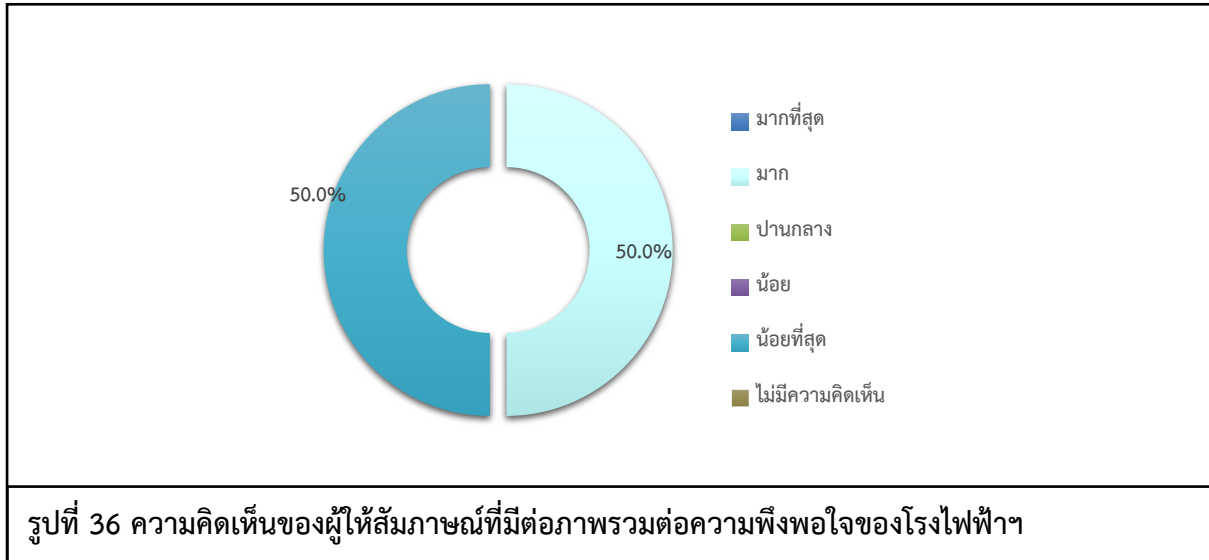
3.51 - 4.50 = มาก

4.51 - 5.00 = มากที่สุด

ที่มา : รวบรวมโดยบริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด, 2564

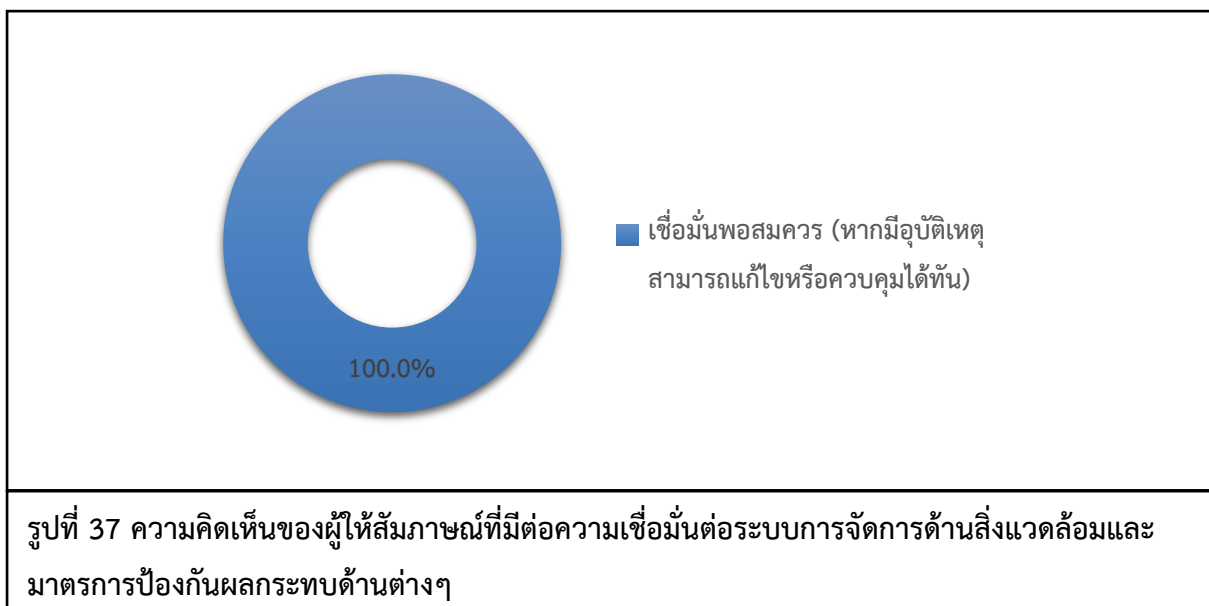


สำหรับความคิดเห็นในภาพรวมต่อความพึงพอใจของโรงไฟฟ้าฯ พบว่า ผู้ให้สัมภาษณ์ส่วนใหญ่มีความพึงพอใจในระดับมาก และความพึงพอใจในระดับน้อยที่สุด ร้อยละ 50.0 สัดส่วนที่เท่ากัน โดยมีรายละเอียดดังรูปที่ 36



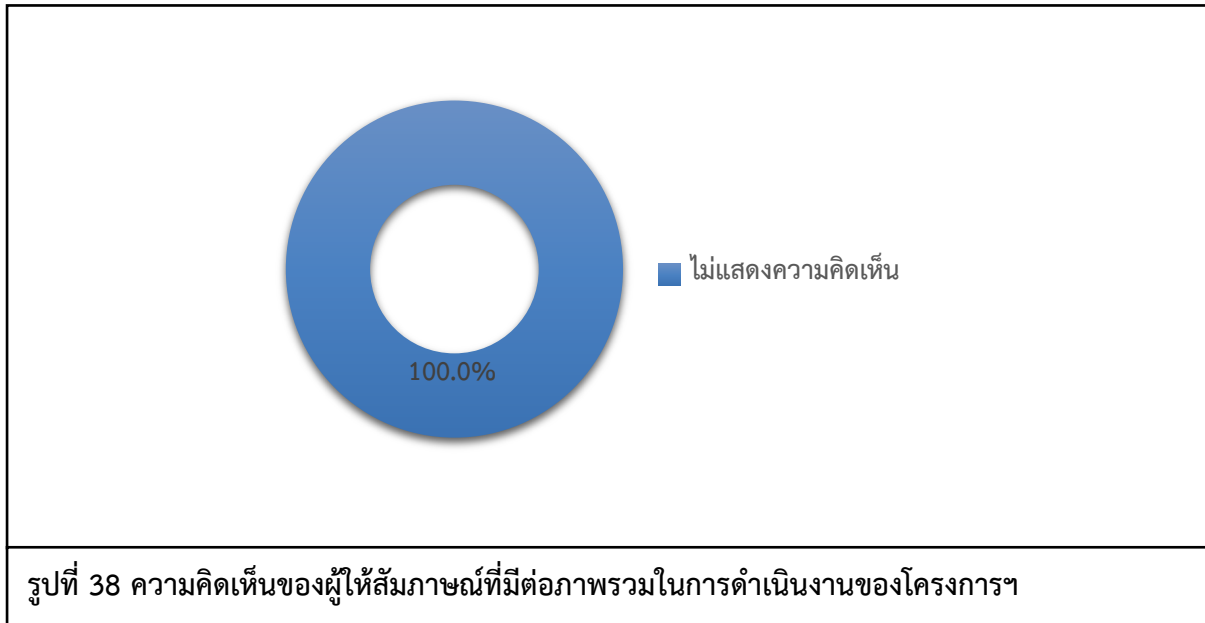
#### 4) ความเชื่อมั่น และความคิดเห็นต่อโรงไฟฟ้า

ในด้านความเชื่อมั่นต่อระบบการจัดการด้านสิ่งแวดล้อมและมาตรการป้องกันผลกระทบด้านต่างๆของโรงไฟฟ้าฯ พบว่าผู้ให้สัมภาษณ์ทั้งหมดระบุว่า เชื่อมั่นพอสมควร (หากมีอุบัติเหตุสามารถแก้ไขหรือควบคุมได้ทัน) โดยมีรายละเอียดดังรูปที่ 37





ความคิดเห็นในภาพรวมต่อการดำเนินงานของโรงไฟฟ้าฯ ในปี พ.ศ. 2564 พบว่าผู้ให้สัมภาษณ์  
ทั้งหมด ระบุว่าไม่แสดงความคิดเห็น โดยมีรายละเอียดดังรูปที่ 38



สำหรับข้อเสนอแนะอื่นๆ ที่เกี่ยวกับโครงการฯ สามารถสรุปเป็นประเด็นสำคัญได้ดังนี้

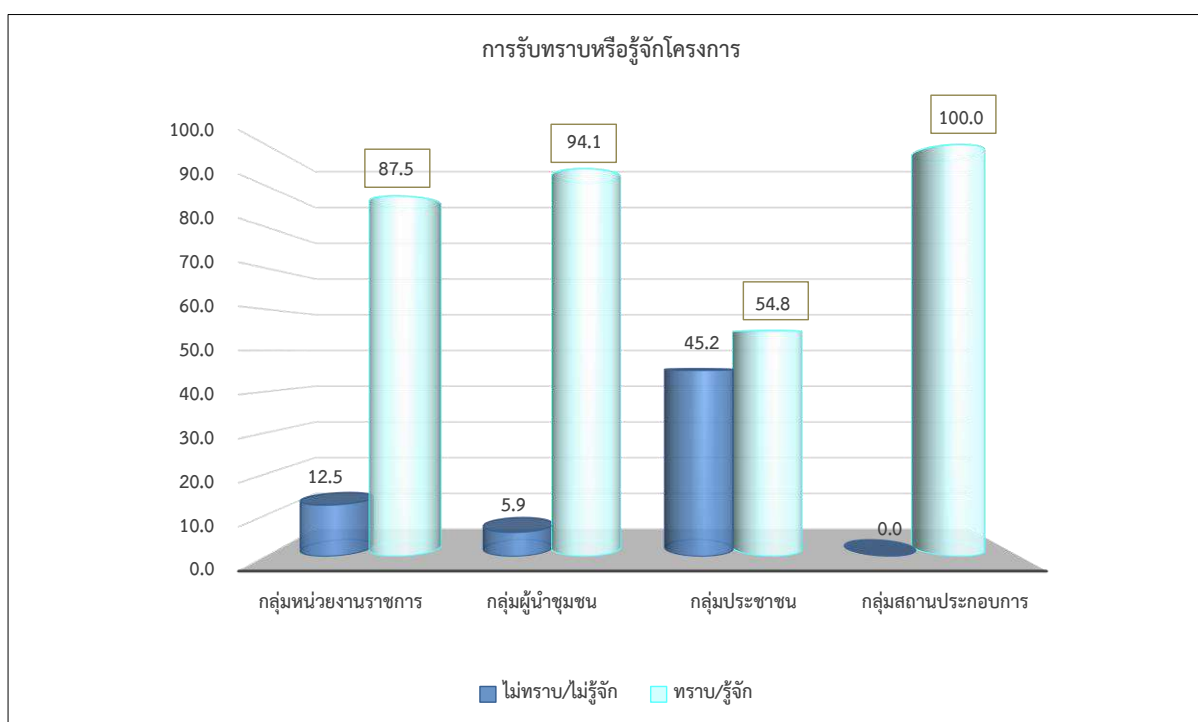
- ไม่มีข้อเสนอแนะ



## 8. สรุปผลการศึกษา

จากการดำเนินการสำรวจทัศนคติชุมชนที่มีต่อโครงการโรงไฟฟ้าบ้านโพ ระหว่างวันที่ 28 มิถุนายน - 4 กรกฎาคม 2564 ในชุมชนที่อยู่บริเวณพื้นที่ศึกษาโดยรอบในรัศมี 5 กิโลเมตร จำนวน 1,054 ตัวอย่าง ประกอบด้วย กลุ่มหน่วยงานราชการ จำนวน 8 ตัวอย่าง กลุ่มผู้นำชุมชน จำนวน 170 ตัวอย่าง กลุ่มครัวเรือน จำนวน 874 ตัวอย่าง และกลุ่มสถานประกอบการ จำนวน 2 ตัวอย่าง โดยสรุปผลการศึกษาได้ดังนี้โดยสรุปผลการศึกษาได้ดังนี้

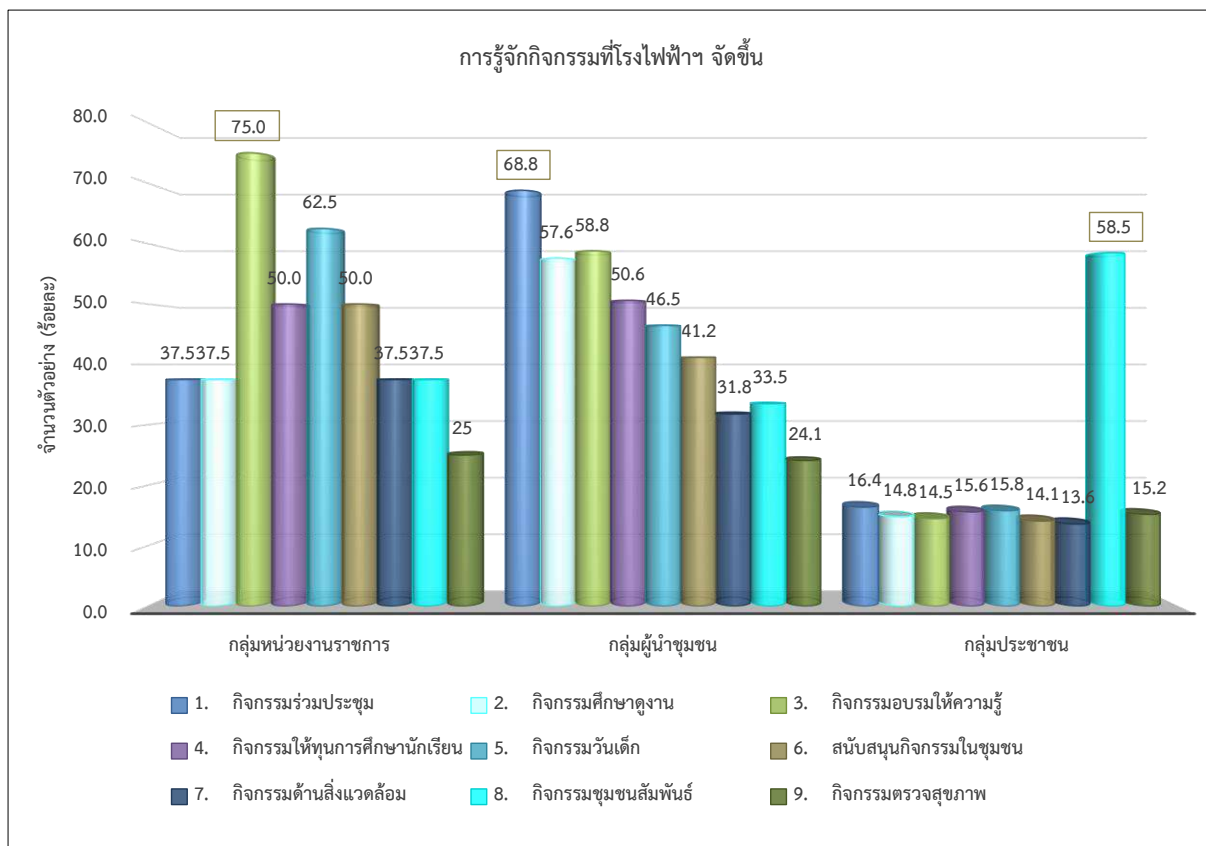
**8.1 การรับทราบข้อมูลของโครงการ** พบว่า ผู้ให้สัมภาษณ์ในกลุ่มหน่วยงานราชการเห็นว่า ทราบ/รู้จักโครงการ มากที่สุด ร้อยละ 87.5 สำหรับกลุ่มผู้นำชุมชนเห็นว่า ทราบ/รู้จักโครงการมากที่สุด ร้อยละ 94.1 กลุ่มประชาชนเห็นว่า ทราบ/รู้จักโครงการมากที่สุด ร้อยละ 54.8 และกลุ่มสถานประกอบการ เห็นว่า ทราบ/รู้จักโครงการมากที่สุด ร้อยละ 100.0 โดยมีรายละเอียดดังรูปที่ 39



รูปที่ 39 สรุปการรับทราบข้อมูลของโครงการ

**8.2 การรู้จักกิจกรรมที่โรงไฟฟ้า จัดขึ้น** พบว่า ผู้ให้สัมภาษณ์ในกลุ่มหน่วยงานราชการระบุว่า การรู้จักกิจกรรมที่โรงไฟฟ้า จัดขึ้น เห็นว่ากิจกรรมอบรมให้ความรู้ มากที่สุด ร้อยละ 75.0 สำหรับกลุ่มผู้นำชุมชนระบุว่า การรู้จักกิจกรรมที่โรงไฟฟ้า จัดขึ้น ส่วนใหญ่เห็นว่าการกิจกรรมร่วมประชุม มากที่สุด ร้อยละ 68.8 และกลุ่มประชาชน ระบุว่ากิจกรรมที่โรงไฟฟ้า จัดขึ้น เห็นว่ารู้จักกิจกรรมชุมชนสัมพันธ์ มากที่สุด ร้อยละ 58.5 โดยมีรายละเอียดดังรูปที่ 40

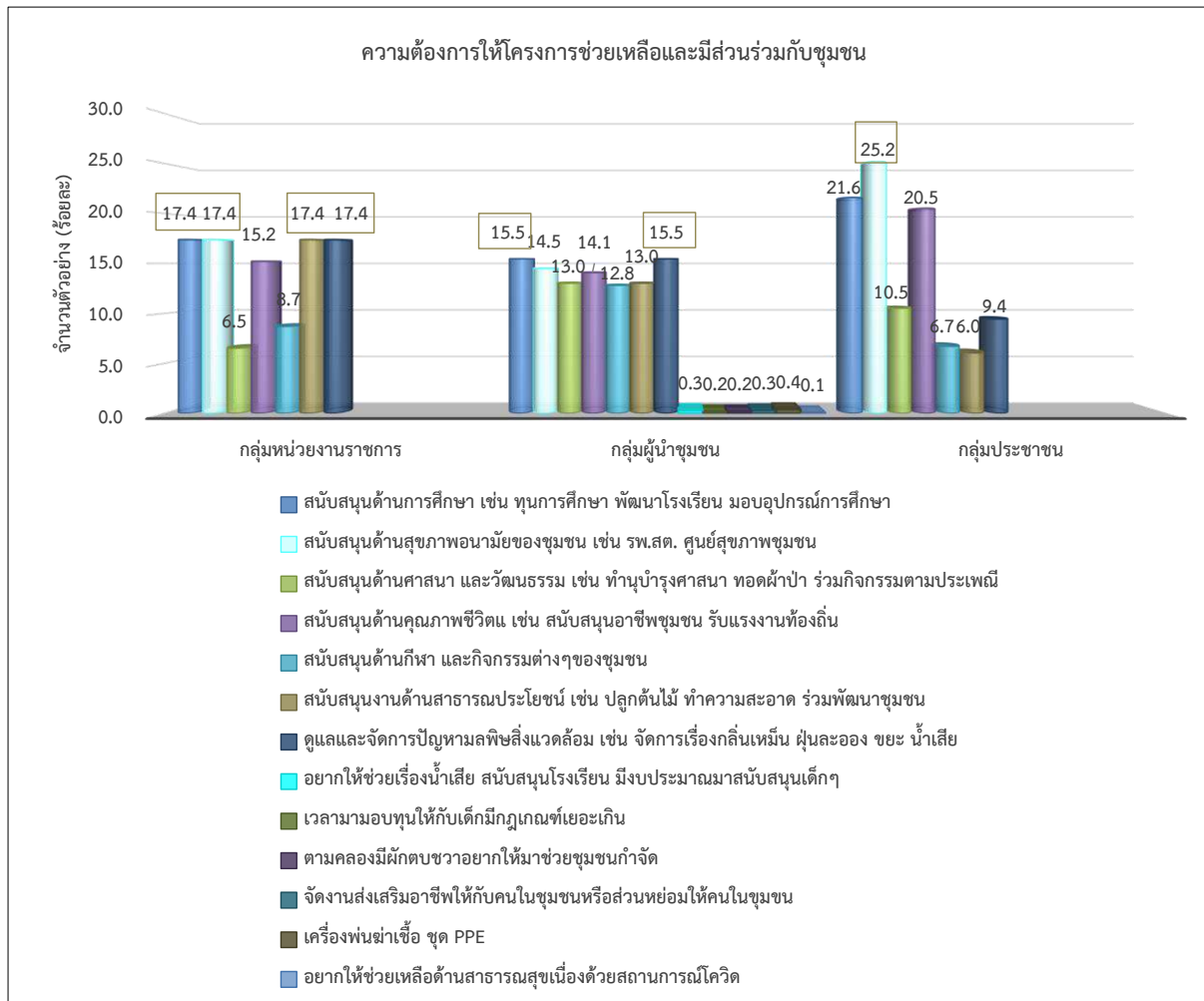




รูปที่ 40 สรุปการรู้จักกิจกรรมที่โรงไฟฟ้าฯ จัดขึ้น

**8.3 ความต้องการให้โครงการช่วยเหลือและมีส่วนร่วมกับชุมชน** พบว่า ผู้ให้สัมภาษณ์ในกลุ่มหน่วยงานราชการเห็นว่าการให้สนับสนุนด้านการศึกษา เช่น ทุนการศึกษา พัฒนาโรงเรียน มอบอุปกรณ์การศึกษา สนับสนุนด้านสุขภาพอนามัยของชุมชน สนับสนุนงานด้านสาธารณประโยชน์ เช่น ปลูกต้นไม้ ทำความสะอาด ปลอ่ยสัตว์น้ำ และดูแลและจัดการปัญหามลพิษสิ่งแวดล้อม เช่น จัดการเรื่องกลิ่นเหม็น ฝุ่นละออง ขยะ น้ำเสีย มากที่สุด ร้อยละ 17.4 สัดส่วนที่เท่ากัน สำหรับกลุ่มผู้นำชุมชนเห็นว่าการสนับสนุนด้านการศึกษา เช่น ทุนการศึกษา พัฒนาโรงเรียน มอบอุปกรณ์การศึกษา และดูแลและจัดการปัญหามลพิษสิ่งแวดล้อม เช่น จัดการเรื่องกลิ่นเหม็น ฝุ่นละออง ขยะ น้ำเสีย มากที่สุด ร้อยละ 15.5 สัดส่วนที่เท่ากัน และกลุ่มประชาชน เห็นว่าการสนับสนุนด้านสุขภาพอนามัยของชุมชน เช่น รพ.สต. ศูนย์สุขภาพชุมชน มากที่สุด ร้อยละ 25.2 โดยมีรายละเอียดดังรูปที่ 41

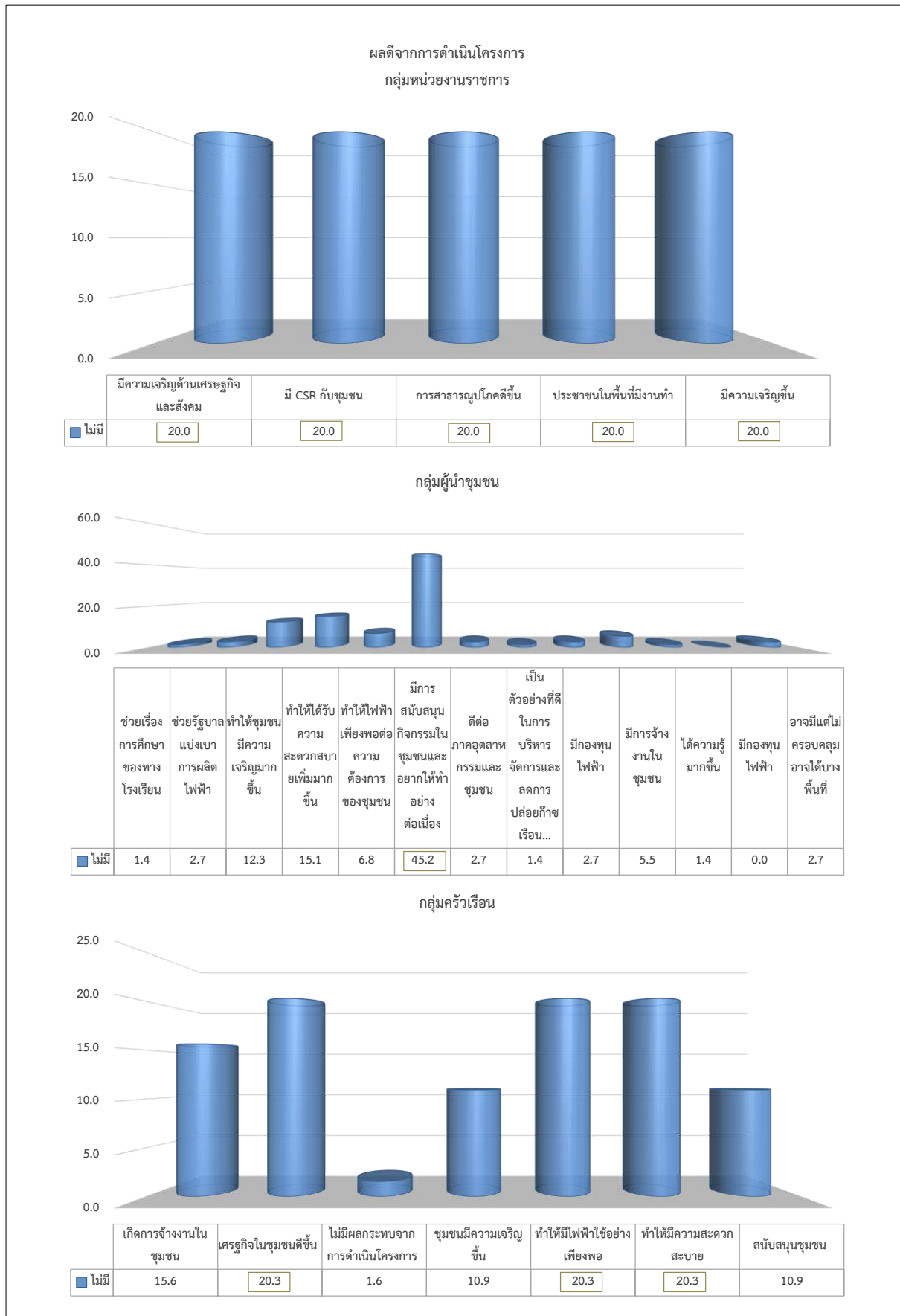




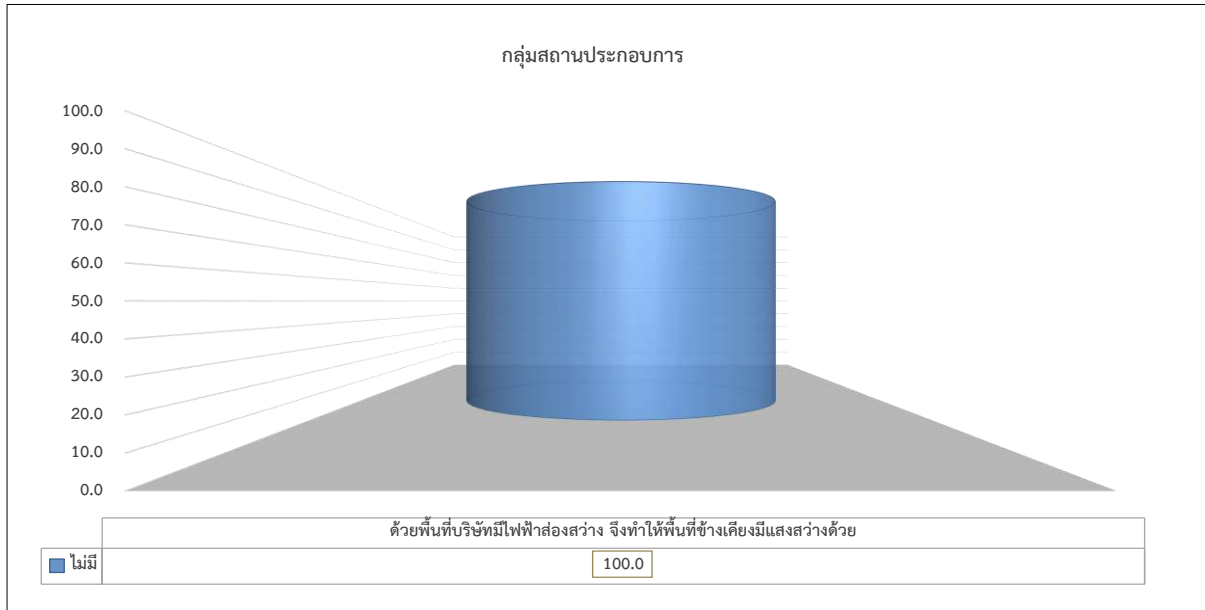
รูปที่ 41 สรุปความต้องการให้โครงการช่วยเหลือและมีส่วนร่วมกับชุมชน

**8.4 ผลดีที่ชุมชนได้รับจากการดำเนินโครงการ** พบว่า ผู้ให้สัมภาษณ์ในกลุ่มหน่วยงานราชการเห็นว่า มีความเจริญด้านเศรษฐกิจและสังคม มี CSR กับชุมชน การสาธารณูปโภคดีขึ้น ประชาชนในพื้นที่มีงานทำ และมีความเจริญขึ้น มากที่สุด ร้อยละ 20.0 สัดส่วนที่เท่ากัน สำหรับกลุ่มผู้นำชุมชนเห็นว่า มีการสนับสนุนกิจกรรมในชุมชนและอยากให้ทำอย่างต่อเนื่อง มากที่สุด ร้อยละ 45.2 กลุ่มประชาชนเห็นว่า เศรษฐกิจในชุมชนดีขึ้น ทำให้มีไฟฟ้าใช้อย่างเพียงพอ และทำให้มีความสะดวกสบาย มากที่สุด ร้อยละ 20.3 สัดส่วนที่เท่ากัน และกลุ่มสถานประกอบการเห็นว่า พื้นที่บริษัทมีไฟฟ้าส่องสว่าง จึงทำให้พื้นที่ข้างเคียงมีแสงสว่างด้วย มากที่สุด ร้อยละ 100.0 โดยมีรายละเอียดดังรูปที่ 42



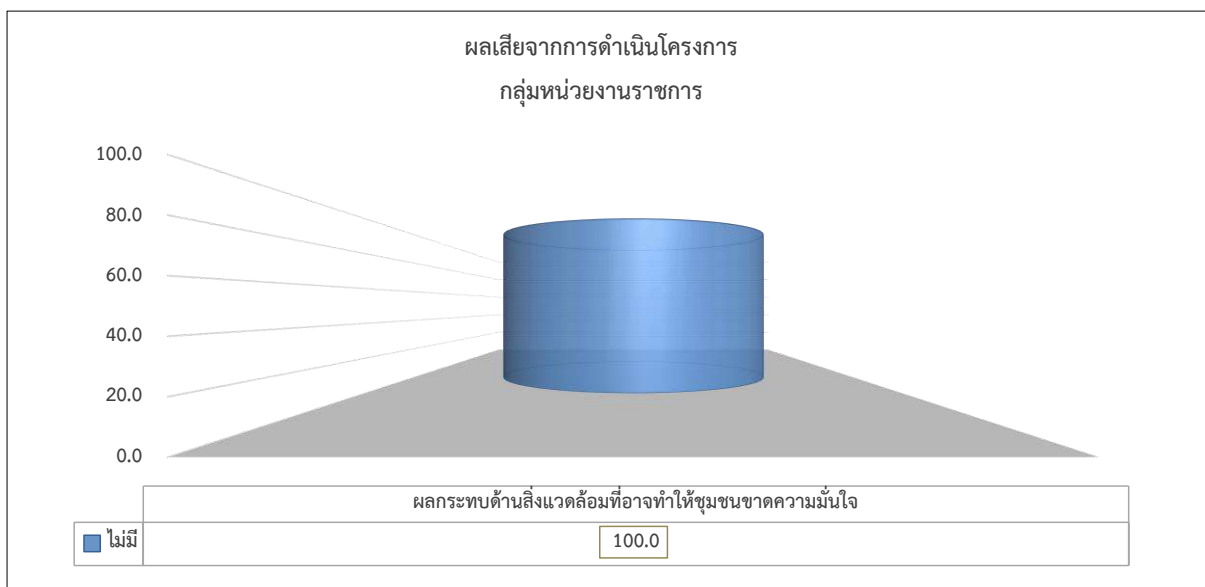




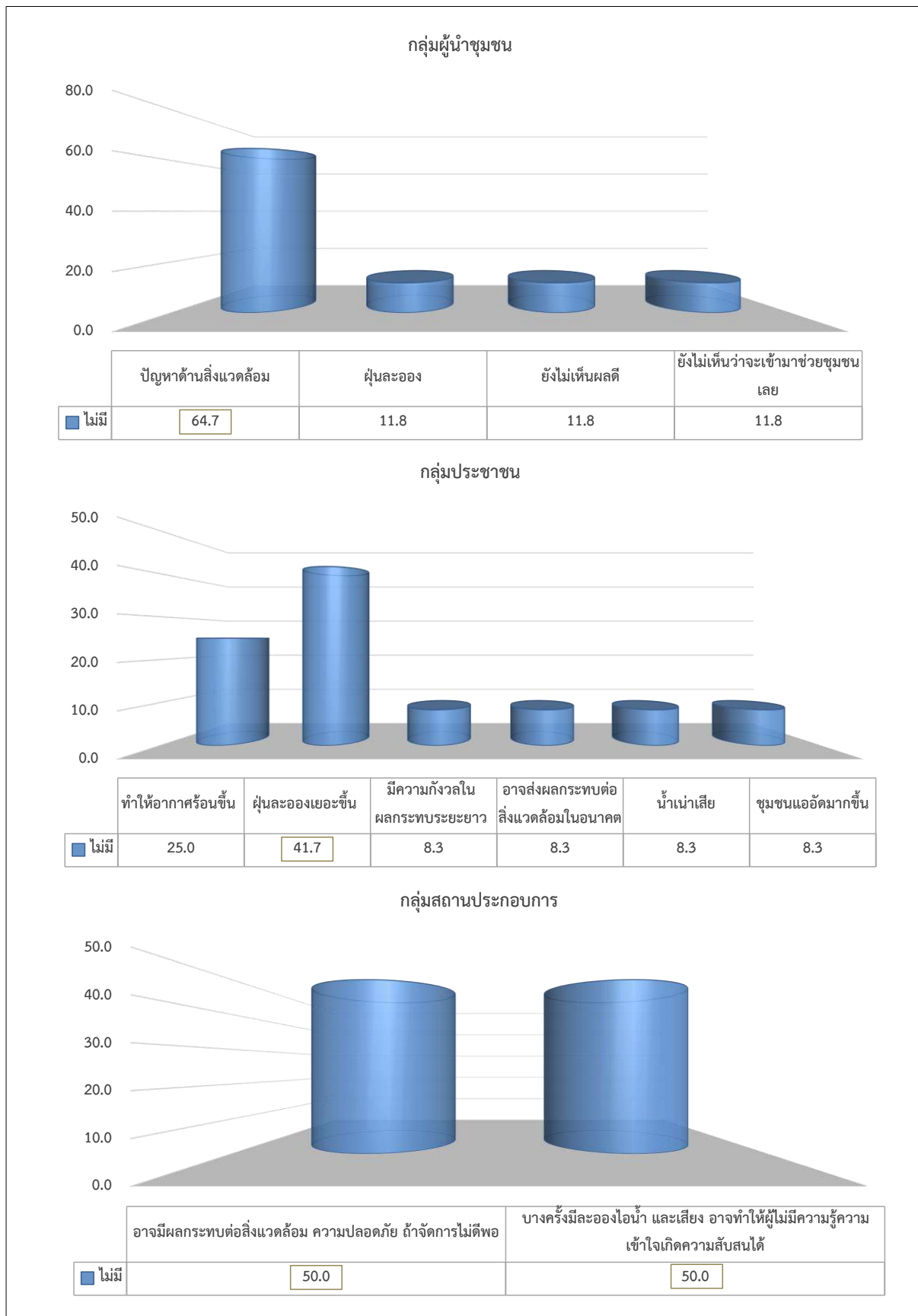


รูปที่ 42 สรุปผลดีที่ชุมชนได้รับจากการดำเนินโครงการ

**8.5 ผลเสียจากการดำเนินโครงการ** พบว่า จากการศึกษาของกลุ่มตัวอย่าง มีเพียงส่วนน้อยที่ได้รับผลกระทบ โดยผู้ให้สัมภาษณ์ในกลุ่มหน่วยงานราชการ จำนวน 8 ราย มีเพียงส่วนน้อยที่ได้รับผลกระทบ จำนวน 1 ราย เห็นว่า ส่งผลกระทบด้านสิ่งแวดล้อมที่อาจทำให้ชุมชนขาดความมั่นใจ มากที่สุด ร้อยละ 100.0 สำหรับกลุ่มผู้นำชุมชน จำนวน 170 ราย มีเพียงส่วนน้อยที่ได้รับผลกระทบ จำนวน 17 ราย เห็นว่า ส่งผลกระทบด้านสิ่งแวดล้อม มากที่สุด ร้อยละ 64.7 ส่วนกลุ่มประชาชน จำนวน 874 ราย มีเพียงส่วนน้อยที่ได้รับผลกระทบ จำนวน 12 ราย เห็นว่า ส่งผลกระทบด้านฝุ่นละอองเยอะขึ้น มากที่สุด ร้อยละ 41.7 และกลุ่มสถานประกอบการ จำนวน 2 ราย เห็นว่า ส่งผลกระทบอาจมีผลกระทบต่อสิ่งแวดล้อม ความปลอดภัย ถ้าจัดการไม่ดีพอ และบางครั้งมีละอองไอน้ำ และเสียง อาจทำให้ผู้ไม่มีความรู้ความเข้าใจเกิดความสับสนได้ มากที่สุด ร้อยละ 50.0 สัดส่วนที่เท่ากัน โดยมีรายละเอียดดังรูปที่ 43



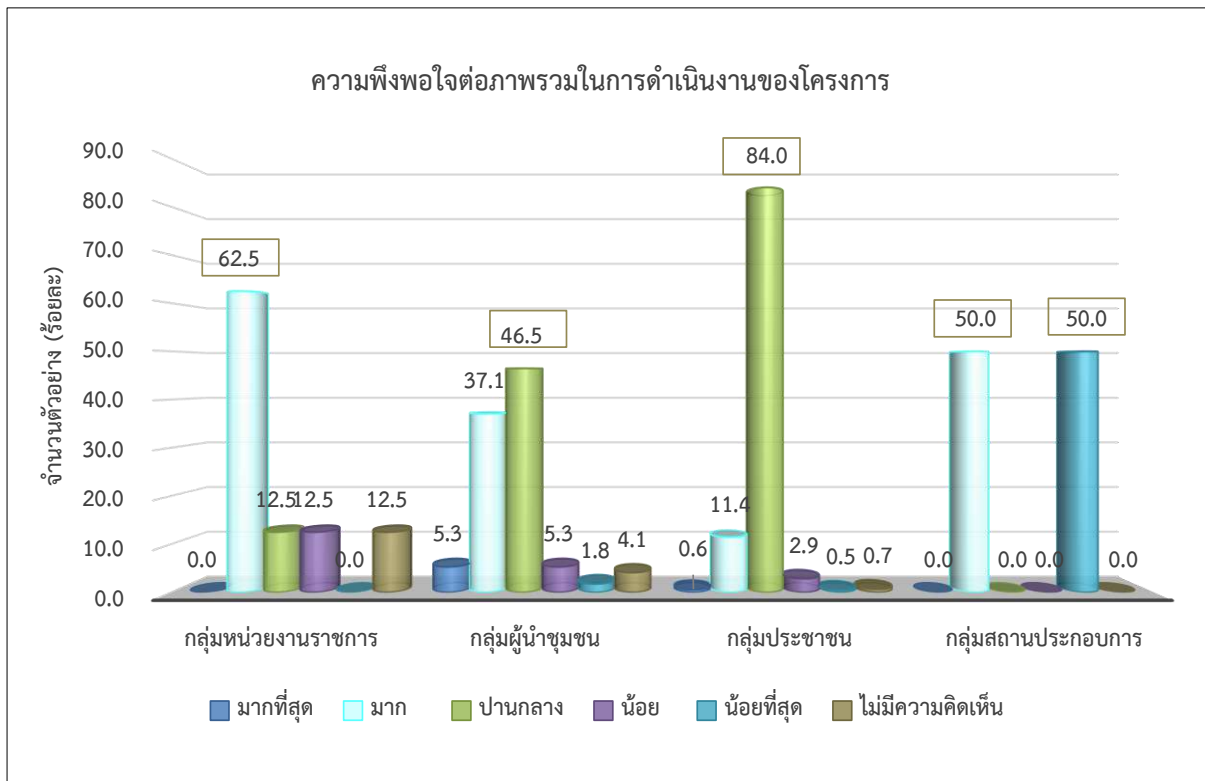




รูปที่ 43 สรุปผลเสียจากการดำเนินโครงการ



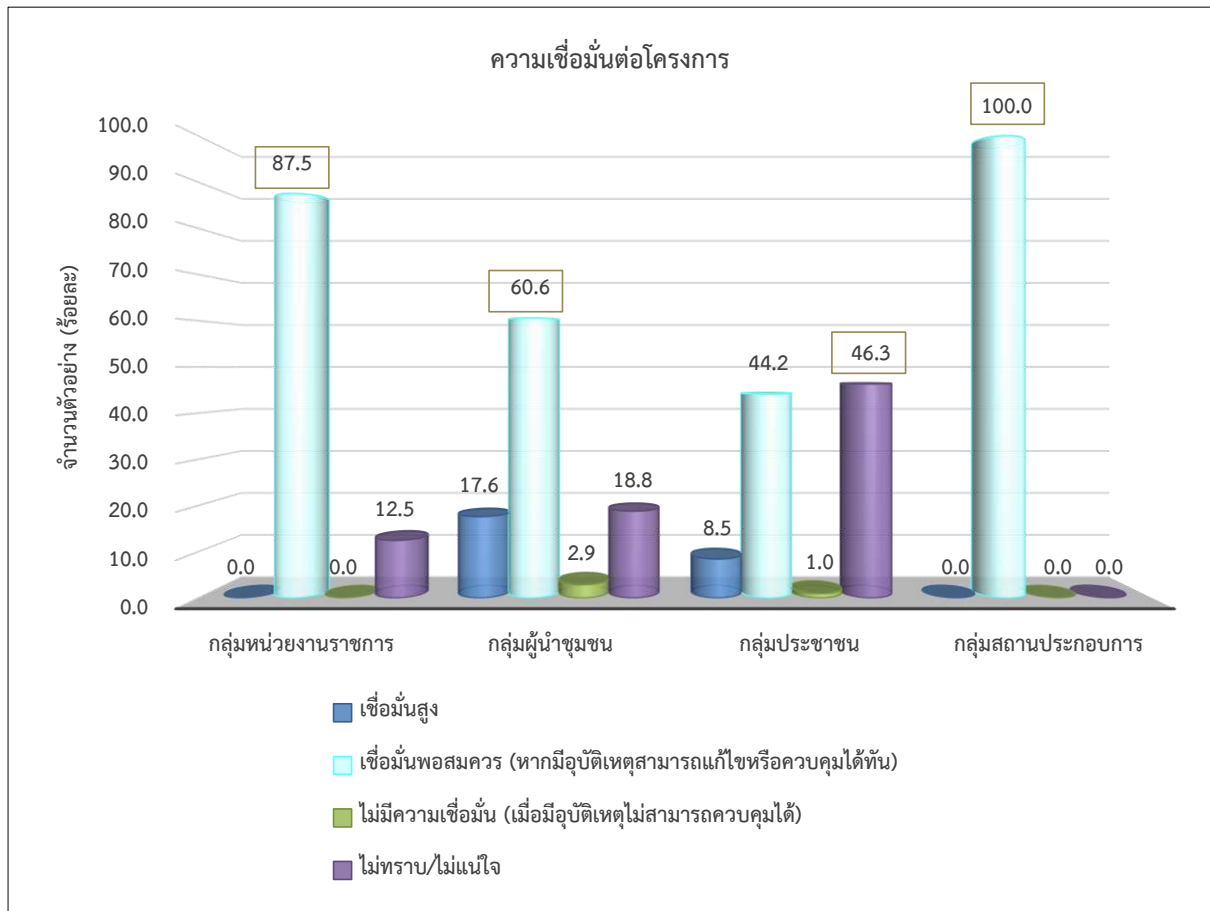
**8.6 ความพึงพอใจต่อภาพรวมในการดำเนินงานของโครงการ** พบว่า ผู้ให้สัมภาษณ์ในกลุ่มหน่วยงานราชการเห็นว่า มีความพึงพอใจในระดับมาก มากที่สุด ร้อยละ 62.5 สำหรับกลุ่มผู้นำชุมชน เห็นว่า มีความพึงพอใจในระดับปานกลาง มากที่สุด ร้อยละ 46.5 กลุ่มประชาชนเห็นว่า มีความพึงพอใจในระดับปานกลาง มากที่สุด ร้อยละ 84.0 และกลุ่มสถานประกอบการเห็นว่า มีความพึงพอใจในระดับมาก และพึงพอใจในระดับปานกลาง มากที่สุด ร้อยละ 50.0 สัดส่วนที่เท่ากัน โดยมีรายละเอียดดังรูปที่ 44



**รูปที่ 44** สรุปความพึงพอใจต่อภาพรวมในการดำเนินงานของโครงการ

**8.8 ความเชื่อมั่นต่อระบบการจัดการด้านสิ่งแวดล้อมและมาตรการป้องกันผลกระทบด้านต่างๆ ของโครงการ** พบว่า ผู้ให้สัมภาษณ์ในกลุ่มหน่วยงานราชการเห็นว่า มีความเชื่อมั่นพอสมควร (หากมีอุบัติเหตุสามารถแก้ไขหรือควบคุมได้ทัน) มากที่สุด ร้อยละ 87.5 สำหรับกลุ่มผู้นำชุมชนเห็นว่า มีความเชื่อมั่นพอสมควร (หากมีอุบัติเหตุสามารถแก้ไขหรือควบคุมได้ทัน) มากที่สุด ร้อยละ 60.6 ส่วนกลุ่มประชาชนเห็นว่า ไม่ทราบ/ไม่แน่ใจ มากที่สุด ร้อยละ 46.3 และกลุ่มสถานประกอบการเห็นว่า มีความเชื่อมั่นพอสมควร (หากมีอุบัติเหตุสามารถแก้ไขหรือควบคุมได้ทัน) มากที่สุด ร้อยละ 100.0 โดยมีรายละเอียดดังรูปที่ 45





รูปที่ 45 สรุปความพึงพอใจต่อความเชื่อมั่นของโครงการ



ภาคผนวก ค-3

ภาพถ่ายดาวเทียม โดยแสดงข้อมูลอุณหภูมิ

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รายงาน

การหาอุณหภูมิพื้นผิว (Land Surface Temperature)

โดยใช้ข้อมูลจากดาวเทียม LANDSAT-8 ระบบ TIRS

บริเวณโครงการโรงไฟฟ้าบ้านโพ อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา

5 เมษายน 2562



โดย

ฝ่ายสิ่งแวดล้อมและภัยพิบัติ

สำนักประยุกต์และบริการภูมิสารสนเทศ

สำนักงานพัฒนาเทคโนโลยีอวกาศและภูมิสารสนเทศ (องค์การมหาชน)



## อุณหภูมิพื้นผิว (Land Surface Temperature)

### 1. ความเป็นมาของการศึกษา

เนื่องจากสำนักงานพัฒนาเทคโนโลยีอวกาศและภูมิสารสนเทศ(องค์การมหาชน): สทอภ. ได้รับการติดต่อจาก บริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด ให้ดำเนินการวิเคราะห์และประมวลผลข้อมูลคลื่นความร้อนโดยแสดงเป็นอุณหภูมิพื้นผิว (Land surface temperature) หน่วยเป็นองศาเซลเซียส บริเวณโครงการโรงไฟฟ้าบ้านโพ เพื่อแสดงความแตกต่างระหว่างอุณหภูมิพื้นผิวบริเวณโครงการโรงไฟฟ้าและพื้นที่ใกล้เคียงโดยรอบ ซึ่งส่วนใหญ่เป็นพื้นที่เขตประกอบการอุตสาหกรรม แหล่งชุมชนและพื้นที่เกษตร ทั้งนี้เพื่อใช้เป็นข้อมูลพื้นฐานของอุณหภูมิพื้นผิวช่วงฤดูร้อน ในวันที่ 5 เมษายน 2562 ประเทศไทยจะมีอากาศร้อนและแห้งแล้งแต่ในบางครั้งอาจมีมวลอากาศเย็นจากประเทศจีนแผ่ลงมาถึงประเทศไทยตอนบนได้

### 2. โครงการโรงไฟฟ้าบ้านโพ

โครงการโรงไฟฟ้าบ้านโพเป็นโรงไฟฟ้าพลังความร้อนร่วมร่วม ใช้ก๊าซธรรมชาติเป็นเชื้อเพลิงในการผลิตไฟฟ้า มีลักษณะกระบวนการผลิตแบบโคเจนเนอเรชั่น ทั้งสองโครงการมีกำลังการผลิตไฟฟ้าสุทธิประมาณ 137 เมกะวัตต์ (MW) โดยตั้งอยู่ในพื้นที่ประมาณ 24.42 ไร่ และ 11.88 ไร่ ตามลำดับ

#### 2.1 ความเป็นมา

ตามแผนพัฒนากำลังการผลิตไฟฟ้าของประเทศไทย ระหว่างปี พ.ศ.2555-2573 (PDP2010 ฉบับปรับปรุงครั้งที่ 3) โดยกระทรวงพลังงานร่วมกับการไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (กฟผ.) ได้พยากรณ์ความต้องการใช้ไฟฟ้าสูงสุดของประเทศไทยพบว่ามีความต้องการใช้ไฟฟ้าสูงขึ้นทุกปี ทั้งนี้เพื่อรองรับความต้องการการใช้ไฟฟ้าที่เพิ่มขึ้นตามแผน PDP2010 จึงได้กำหนดให้มีการรับซื้อไฟฟ้าจากผู้ผลิตไฟฟ้ารายเล็ก (SPP) ระบบโคเจนเนอเรชั่น

การรับซื้อไฟฟ้าจากผู้ผลิตไฟฟ้ารายเล็กมีวัตถุประสงค์ ต่อไปนี้

- 2.1.1 ส่งเสริมให้ผู้ผลิตไฟฟ้ารายเล็กเข้ามามีส่วนร่วมในการผลิตไฟฟ้า
- 2.1.2 ส่งเสริมให้มีการใช้ต้นทุนพลังงานในการผลิตไฟฟ้าให้เกิดประโยชน์มากยิ่งขึ้น
- 2.1.3 ช่วยแบ่งเบาภาระด้านการลงทุนของรัฐในระบบการผลิต และระบบจำหน่ายไฟฟ้า



โครงการโรงไฟฟ้าบ้านโพ ดำเนินการโดยบริษัท กัลป์ บีพี จำกัดและบริษัท กัลป์ บีแอล จำกัด ตามลำดับ ซึ่งจัดตั้งขึ้นเพื่อดำเนินธุรกิจผลิตและจำหน่ายไฟฟ้าตามแผนพัฒนากำลังการผลิตไฟฟ้าของประเทศไทย โดยจัดจำหน่ายไฟฟ้าให้การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (กฟผ.) ตามโครงการรับซื้อไฟฟ้าจากผู้ผลิตรายเล็ก (Small Power Producer : SPP) และโรงงานอุตสาหกรรม

## 2.2 ที่ตั้ง

โครงการโรงไฟฟ้าบ้านโพตั้งอยู่ที่นิคมอุตสาหกรรมบ้านหว้า (ไฮเทค) ริมทางหลวงแผ่นดินหมายเลข 32 บริเวณบ้านหว้า บ้านโพและบ้านเลน อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา นิคมอุตสาหกรรมบ้านหว้า (ไฮเทค) เริ่มพัฒนาตั้งแต่ปี พ.ศ. 2532 ผู้เช่าส่วนใหญ่อยู่ในกลุ่มอุตสาหกรรมอิเล็กทรอนิกส์ ไฟฟ้า อุปกรณ์สื่อสาร กลุ่มชิ้นส่วนรถยนต์ เครื่องจักร และกลุ่มโรงงานพลาสติก

## 3. ระบบผลิตไฟฟ้าและความร้อนร่วม (Cogeneration System)

ระบบโคเจนเนอเรชัน ( Cogeneration) คือระบบที่ให้กำเนิดพลังงานไฟฟ้าหรือพลังงานกล และมีการใช้ประโยชน์จากพลังงานความร้อนในขณะเดียวกัน โดยอาศัยเชื้อเพลิงแหล่งเดียวกัน ซึ่งจะทำให้ต้นทุนการผลิตพลังงานในราคาที่ถูกลงกว่าระบบการผลิตอื่นๆ

เทคโนโลยีระบบผลิตพลังงานความร้อนร่วม แบ่งเป็น 2 รูปแบบ ตามลักษณะการทำงาน พิจารณาได้จากลำดับการนำพลังงานความร้อนไปใช้ประโยชน์ ระบบโคเจนเนอเรชันวัฏจักรบน (Topping Cycle Cogeneration) คือระบบที่ผลิตพลังงานกลก่อน แล้วนำพลังงานความร้อนที่เหลือไปใช้ประโยชน์ ส่วนระบบโคเจนเนอเรชันวัฏจักรล่าง (Bottoming Cycle Cogeneration) จะมีการนำพลังงานความร้อนไปใช้ประโยชน์ก่อนที่จะผลิตพลังงานไฟฟ้าหรือพลังงานกล

ซึ่งการนำเทคโนโลยีแต่ละรูปแบบข้างต้นไปใช้นั้น ขึ้นอยู่กับความเหมาะสมของแต่ละสถานประกอบการ โดยพิจารณาจากชนิดของเชื้อเพลิงที่ได้ คุณภาพของพลังงานความร้อนที่ต้องการ ลักษณะการใช้ความร้อนและไฟฟ้าของโรงงาน เวลาการใช้งาน ต้นทุนการก่อสร้าง และเงื่อนไขด้านสิ่งแวดล้อม เป็นต้น





### 3.1 ระบบโคเจนเนอเรชันชนิดกังหันไอน้ำ

ระบบชนิดนี้ประกอบด้วย เครื่องกำเนิดไอน้ำ เครื่องกังหันไอน้ำ โดยใช้เชื้อเพลิงเหลว ก๊าซหรือเชื้อเพลิงแข็ง หลักการทำงานคือ เชื้อเพลิงจะถูกป้อนเข้าสู่ห้องเผาไหม้เพื่อให้ความร้อนแก่น้ำในเครื่อง กำเนิดไอน้ำ ซึ่งได้ไอน้ำยวดยิ่ง (Superheat Steam) ที่อุณหภูมิและความดันสูง ไอน้ำจะไปขับเคลื่อนกังหันไอน้ำได้กำลังเพลลา ซึ่งสามารถนำไปขับเคลื่อนเครื่องกลต่างๆ เช่น ปั๊ม คอมเพรสเซอร์ หรือเปลี่ยนรูปเป็นไฟฟ้าโดยขับเคลื่อนเครื่องกำเนิดไฟฟ้า ส่วนไอน้ำที่ออกจากเครื่องสามารถนำไปใช้ในกระบวนการผลิตต่อไป

### 3.2 ระบบโคเจนเนอเรชันชนิดกังหันก๊าซ

มีหลักการทำงานคือ คอมเพรสเซอร์จะอัดอากาศจากภายนอก และนำเข้าสู่ห้องเผาไหม้ เชื้อเพลิงจะถูกฉีดเข้ามาผสมกับอากาศและจุดระเบิด เกิดก๊าซร้อนจากการเผาไหม้ขึ้น ซึ่งจะขยายตัวผ่านเครื่องกังหันก๊าซ แกนของเครื่องกังหันก๊าซจะต่อไปขับเคลื่อนปั๊มไฟฟ้า เพื่อผลิตกระแสไฟฟ้า ส่วนก๊าซร้อนที่ปล่อยจากกังหันก๊าซจะมีอุณหภูมิประมาณ 450-550 องศาเซลเซียส ก๊าซร้อนนี้สามารถนำไปใช้เป็นแหล่งให้ความร้อน เพื่อผลิตไอน้ำที่ความดันต่ำๆ หรือนำไปใช้โดยตรงเพื่อใช้ในกระบวนการผลิต

### 3.3 ระบบโคเจนเนอเรชันชนิดเครื่องยนต์เผาไหม้ภายใน

ระบบนี้สามารถแบ่งได้ตามประเภทเครื่องยนต์เป็น 2 ชนิด คือ เครื่องยนต์ Spark-Ignition Engine จะใช้เชื้อเพลิงเหลวหรือก๊าซธรรมชาติเป็นเชื้อเพลิง และเครื่องยนต์ Compression-Ignition Engines จะใช้น้ำมันดีเซลหรือน้ำมันเตาเป็นเชื้อเพลิง พลังงานที่ผลิตได้อยู่ในช่วง 100 kW. ถึง 10 MW. พลังงานความร้อนที่ออกมาอยู่ในรูปของก๊าซไอเสีย น้ำหล่อเย็นเสื่อสูบและน้ำมันหล่อลื่น ซึ่งการนำพลังงานความร้อนไปใช้อาจใช้คู่กับ Waste Heat Boiler ในการผลิตไอน้ำหรือน้ำร้อน



## 4. การคำนวณค่าอุณหภูมิพื้นผิว (Surface Temperature) จากข้อมูลดาวเทียม LANDSAT-8

### 4.1 พื้นที่ศึกษา

โครงการโรงไฟฟ้าบ้านโพตั้งอยู่ที่นิคมอุตสาหกรรมบ้านหว้า (ไฮเทค) อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา สภาพพื้นที่โดยทั่วไปตั้งอยู่บริเวณพื้นที่ราบลุ่ม ภาคกลางของประเทศไทย ทิศเหนือติดต่อกับอำเภوبرนครศรีอยุธยา และอำเภอยุทัย จังหวัดพระนครศรีอยุธยา ทิศตะวันออกติดต่อกับอำเภอรังนกน้อย จังหวัดพระนครศรีอยุธยา ทิศใต้ติดต่อกับอำเภอคลองหลวง จังหวัดปทุมธานี ทิศตะวันตกติดต่อกับอำเภอบางไทร จังหวัดพระนครศรีอยุธยา สภาพภูมิอากาศโดยทั่วไป มี 3 ฤดูกาล คือ ฤดูหนาว เริ่มตั้งแต่กลางเดือนตุลาคมถึงกลางเดือนกุมภาพันธ์ ซึ่งเป็นฤดูมรสุมตะวันออกเฉียงเหนือ ฤดูร้อน เริ่มเมื่อมรสุมตะวันออกเฉียงเหนือสิ้นสุดลง คือประมาณกลางเดือนกุมภาพันธ์ถึงกลางเดือนพฤษภาคม และฤดูฝน เริ่มตั้งแต่กลางเดือนพฤษภาคมถึงกลางเดือนตุลาคม ซึ่งเป็นช่วงที่มีมรสุมตะวันตกเฉียงใต้ ประชากรส่วนใหญ่ประกอบอาชีพในภาคเกษตรกรรม และอุตสาหกรรม ดังภาพที่ 1 และภาพขยายพื้นที่บริเวณโครงการโรงไฟฟ้า และพื้นที่โดยรอบโครงการโรงไฟฟ้า ดังภาพที่ 2



ภาพที่ 1 แสดงสภาพพื้นที่บริเวณอำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา

(ข้อมูลจากดาวเทียม LANDSAT-8 OLI, band 432 บันทึกภาพวันที่ 5 เมษายน 2562)



ในการศึกษา ได้กำหนดพื้นที่ศึกษาโดยรอบโครงการโรงไฟฟ้าบ้านโพ โดยรอบประมาณ 25 ตารางกิโลเมตร ดังภาพที่ 2 ซึ่งจะครอบคลุมพื้นที่การใช้ประโยชน์ที่ดินและสิ่งปกคลุมดินหลายประเภท เช่น พื้นที่ประกอบอุตสาหกรรม ชุมชนเมือง พื้นที่การเกษตร แหล่งน้ำ และพื้นที่เปิดโล่ง ซึ่งจะทำให้สามารถเปรียบเทียบความแตกต่างของอุณหภูมิพื้นผิวในพื้นที่ที่มีลักษณะแตกต่างกันได้อย่างชัดเจน



ภาพที่ 2 ภาพขยายบริเวณโครงการโรงไฟฟ้าบ้านโพ โครงการโรงไฟฟ้าบ้านเลนและพื้นที่โดยรอบโครงการโรงไฟฟ้า

(ข้อมูลจากดาวเทียม LANDSAT-8 OLI, band 432 บันทึกภาพวันที่ 5 เมษายน 2562)

## 4.2 ขั้นตอนการศึกษา

### 4.2.1 ข้อมูลดาวเทียมที่ใช้ในการศึกษา

ข้อมูลจากดาวเทียม LANDSAT-8 TIRS, Band 10 (ความยาวคลื่น 10.60 -11.19 นาโนเมตร) หรือช่วงคลื่นอินฟราเรดความร้อน (Thermal Infrared) Path/Row ที่ 129/50, เวลาถ่ายภาพประมาณ 10:37:17 นาฬิกา (เวลาประเทศไทย) มีความละเอียดของภาพ (Spatial resolution) ที่ 100 เมตร (ในขณะที่ Band อื่นๆ ได้แก่ band1-7 และ band 9 จะมีความละเอียดภาพที่ 30 เมตร รายละเอียดดังตารางที่ 1) ซึ่งเป็นช่วงคลื่นที่นำมาใช้ในการหาค่าอุณหภูมิพื้นผิว (Land Surface Temperature : LST) บริเวณโครงการโรงไฟฟ้าบ้านโพ โครงการโรงไฟฟ้าบ้านเลนและพื้นที่ใกล้เคียงโดยเลือกข้อมูลจากดาวเทียม LANDSAT-8วันที่ 5 เมษายน 2562 เวลาถ่ายภาพประมาณ 10:37:17 นาฬิกา (เวลาประเทศไทย)





ตารางที่ 1 แสดงรายละเอียด Satellite Sensors ของ LANDSAT-7,8

Landsat-7 ETM+ Bands (μm)			Landsat-8 OLI and TIRS Bands (μm)		
			30 m Coastal/Aerosol	0.435 - 0.451	Band 1
Band 1	30 m Blue	0.441 - 0.514	30 m Blue	0.452 - 0.512	Band 2
Band 2	30 m Green	0.519 - 0.601	30 m Green	0.533 - 0.590	Band 3
Band 3	30 m Red	0.631 - 0.692	30 m Red	0.636 - 0.673	Band 4
Band 4	30 m NIR	0.772 - 0.898	30 m NIR	0.851 - 0.879	Band 5
Band 5	30 m SWIR-1	1.547 - 1.749	30 m SWIR-1	1.566 - 1.651	Band 6
Band 6	60 m TIR	10.31 - 12.36	100 m TIR-1	10.60 - 11.19	Band 10
			100 m TIR-2	11.50 - 12.51	Band 11
Band 7	30 m SWIR-2	2.064 - 2.345	30 m SWIR-2	2.107 - 2.294	Band 7
Band 8	15 m Pan	0.515 - 0.896	15 m Pan	0.503 - 0.676	Band 8
			30 m Cirrus	1.363 - 1.384	Band 9

ข้อมูลจากดาวเทียม LANDSAT-8 ที่ได้รับข้อมูลจากสถานีรับสัญญาณดาวเทียมศรีราชา ที่นำมาวิเคราะห์เป็นข้อมูล level 1 ซึ่งผ่านกระบวนการปรับแก้ทาง Radiometric และ Geometric Correction อยู่ในลักษณะข้อมูล GeoTIFF Format

#### 4.2.2 วิธีการคำนวณค่าอุณหภูมิพื้นผิวดิน (Land Surface Temperature)

ข้อมูลดาวเทียม LANDSAT-8 TM, Path/Row ที่ 129/50 เลือกเฉพาะช่วง band 10 ที่ถูกปรับแก้ความคลาดเคลื่อนทางภูมิศาสตร์แล้ว จะถูกนำมาคำนวณ เพื่อหาค่าอุณหภูมิพื้นผิวบริเวณโครงการโรงไฟฟ้าบ้านโพและพื้นที่ใกล้เคียง ดังมีรายละเอียดตามขั้นตอนดังนี้

1). เปลี่ยนค่า Digital Number (DN) ของข้อมูลจากดาวเทียม LANDSAT-8 TIRS, Thermal Infrared Sensor (band 10) ไปเป็นค่า Spectral Radiance ดังสมการที่ 1 (USGS, 2013):

สมการที่ 1 
$$L_{\lambda} = 0.00033422 \times DN + 0.1$$

เมื่อ  $L_{\lambda}$  คือ ค่า Spectral Radiance มีหน่วยเป็น  $W/(m^2ster\mu m)$

DN คือ ค่า Digital Number ของข้อมูล band 10 หน่วยเป็น  $W/(m^2ster\mu m)$





2). เปลี่ยนค่า Spectral Radiance ไปเป็นค่า Brightness Temperature,  $T_B$  (หรือ Black Body Temperature) ตามความสัมพันธ์ ดังสมการที่ 2 (LANDSAT Project Science Office, 2002)

$$\text{สมการที่ 2} \quad T_B = \frac{K_2}{\ln\left(\frac{K_1}{L_\lambda} + 1\right)}$$

เมื่อ  $T_B$  คือค่า Effective at-Satellite Temperature หน่วย Kelvin, K

$L_\lambda$  คือค่า Spectral Radiance มีหน่วยเป็น  $W/(m^2 \text{ster} \mu m)$

$K_2$  และ  $K_1$  คือค่า Pre-launch Calibration Constant ซึ่งกำหนดสำหรับข้อมูลจากดาวเทียม LANDSAT-8 TIRS ดังนี้

**ตารางที่ 2** รายละเอียดข้อมูล (metadata) สำหรับ TIRS Thermal Band Calibration Constants (U.S. Geological Survey, 2013)

Constant (Unit)	Band 10	Band 11
Radiance Multiplier	0.0003342	0.0003342
Radiance Add	0.1	0.1
$K_1$ (watts/(meter squared * ster * $\mu m$ ))	774.89	480.89
$K_2$ (Kelvin)	1321.08	1201.14

3). ค่าอุณหภูมิในสมการข้างบนจะเป็นค่าที่อ้างอิงจาก back body ดังนั้นเพื่อหาค่าอุณหภูมิพื้นผิวดินที่แท้จริง จะต้องคำนึงถึงการแผ่รังสีจากสิ่งปกคลุมพื้นผิว (spectral emissivity according to the natural of land cover) จาก Snyder et al. (1998) ได้เสนอการคำนวณหาค่า เพื่อปรับแก้อุณหภูมิการปลดปล่อยที่พื้นผิว (emissivity corrected land surface temperature;  $S_L$ ) ซึ่งคำนวณตามความสัมพันธ์ ดังสมการที่ 3 (Artis & Carnahan, 1982)





สมการที่ 3 
$$S_i = \frac{T_B}{1 + \left( \lambda \times \frac{T_B}{\rho} \right) \ln \varepsilon}$$

เมื่อ  $T_B$  คือ ค่าอุณหภูมิพื้นผิว หน่วย Kelvin, K

$T_B$  คือ ค่า Effective at-Satellite Temperature หน่วย Kelvin, K

$\lambda$  คือ ความยาวคลื่นของ Emitted Radiance ซึ่งเลือกใช้ค่ากลางที่  $\lambda = 10.6\mu\text{m}$

$\varepsilon$  คือ ค่าเฉลี่ยการปลดปล่อยเชิงคลื่น (Spectral Emissivity) จากพื้นผิวแบบต่างๆ ซึ่งค่าที่เลือกใช้ในสมการ สามารถดูได้จากตารางที่ 3 ซึ่งค่าที่ใช้ในการคำนวณ จะใช้  $\varepsilon = 0.969$  (Arid bare soil/Urban)

$\rho$  มีค่าเท่ากับ  $1.438 \times 10^{-2} \text{ m K}$ , เป็นค่าที่ได้มาจากความสัมพันธ์  $\rho = h \times c / \sigma$

เมื่อ  $h$  = ค่าคงที่ของ Plank ( $6.626 \times 10^{-34} \text{ J-s}$ )

$c$  = ความเร็วของแสง (Velocity of Light) ( $2.998 \times 10^8 \text{ m/s}$ )

$\sigma$  = ค่าคงที่ของ Stefan Boltzmann ( $1.38 \times 10^{-23} \text{ J/K}$ )





ตารางที่ 3 ค่าเฉลี่ยตามฤดูกาลของการแผ่รังสีจากสิ่งปกคลุมพื้นผิวแต่ละชนิด สำหรับข้อมูลดาวเทียม MODIS band 31 and 32 (Snyder et al., 1998)

Emissivity Classes	Mean Emissivity ( $\epsilon$ )					
	Green Season			Senescent Season		
	10.8-11.3 $\mu\text{m}$	11.8-12.3 $\mu\text{m}$	Average	10.8-11.3 $\mu\text{m}$	11.8-12.3 $\mu\text{m}$	Average
NeedleForest	0.989	0.991	0.990	0.986	0.988	0.987
Broadleaf Forest	0.987	0.990	0.989	0.968	0.971	0.970
Woody Savanna	0.988	0.991	0.990	0.975	0.978	0.977
Grass Savanna	0.987	0.991	0.989	0.973	0.975	0.974
Sparse Shrubs	0.972	0.975	0.974	0.970	0.976	0.973
Water/Wetland	0.991	0.986	0.989	0.991	0.986	0.989
Organic Bare Soil	0.977	0.982	0.980	0.977	0.982	0.980
Arid Bare Soil/Urban	0.966	0.972	0.966	0.972	0.972	0.969

#### 4). คำนวณหาค่าอุณหภูมิในหน่วยเซลเซียส จากความสัมพันธ์

$$\text{Centigrade Temperature (}^{\circ}\text{C)} = \text{Absolute Temperature (}^{\circ}\text{K)} - 273.15$$



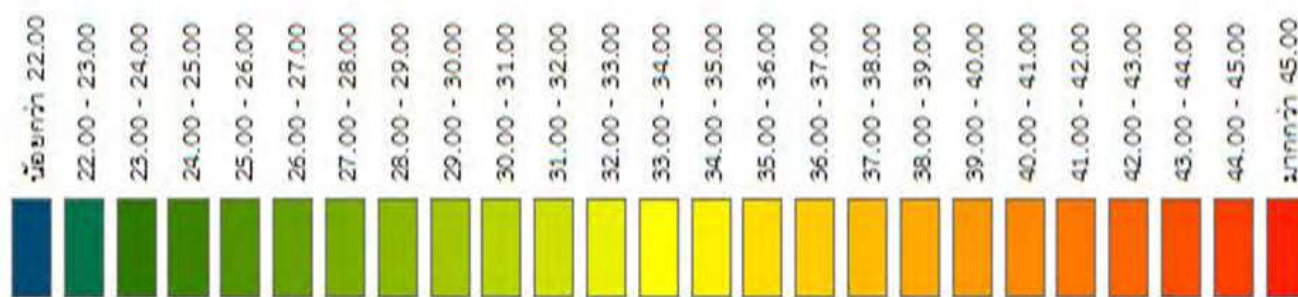


## 5. ผลการศึกษาค่าอุณหภูมิพื้นผิวดิน (Land Surface Temperature)

### 5.1 ข้อมูลอุณหภูมิพื้นผิวดิน จาก LANDSAT-8

#### 5.1 ข้อมูลอุณหภูมิพื้นผิวดิน จาก LANDSAT-8

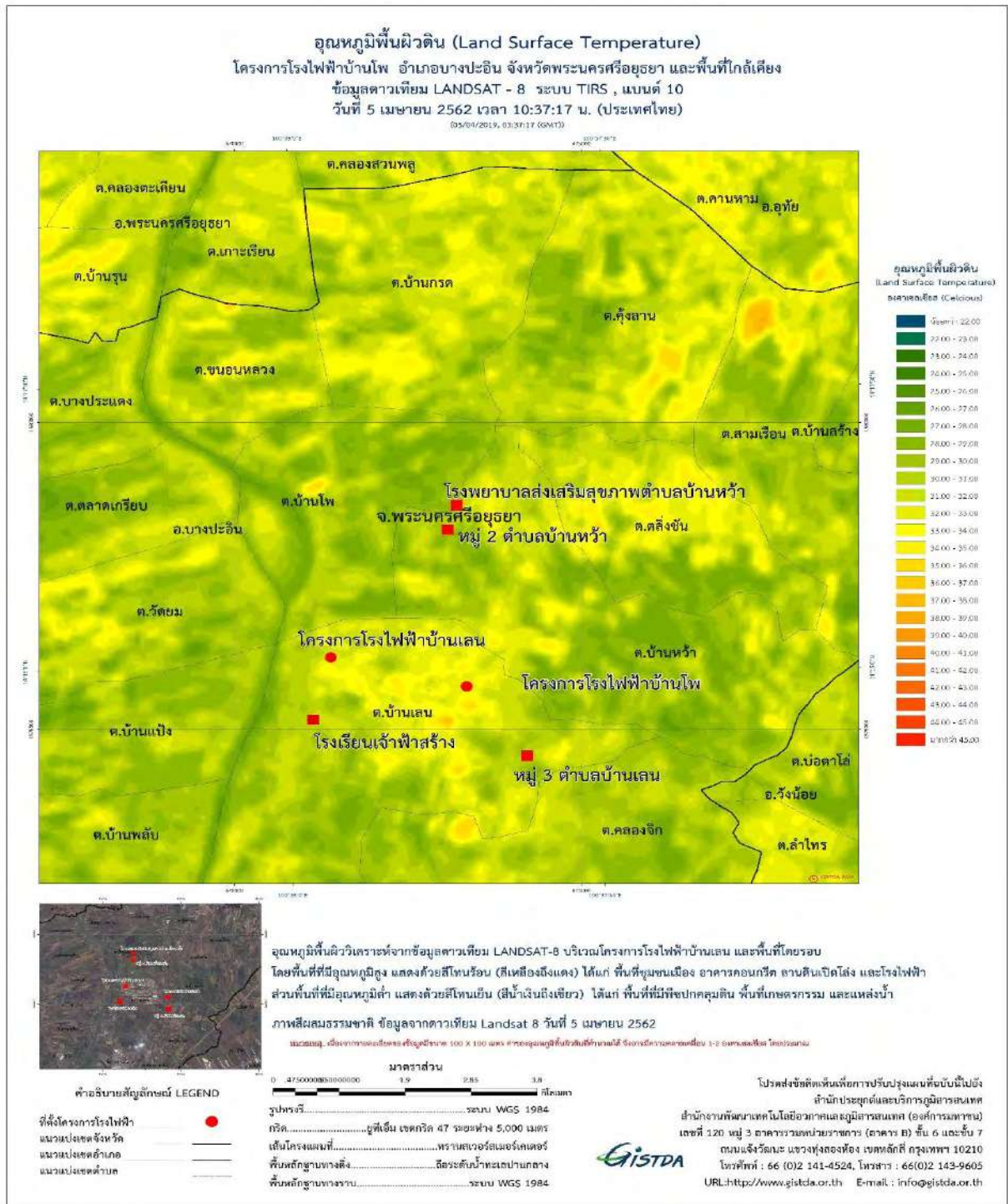
ข้อมูลอุณหภูมิพื้นผิวดินที่มีหน่วยเป็นองศาเซลเซียส ซึ่งได้จากการคำนวณในช่วงต้น จะถูกนำมากำหนดค่าสีของแต่ละช่วงอุณหภูมิ โดยกำหนดค่าอันตรภาคชั้น (Class Interval) ของอุณหภูมิแต่ละช่วงให้เท่ากับ 1 องศาเซลเซียส ดังแสดงในภาพที่ 3



ภาพที่ 3 แสดงช่วงอันตรภาคชั้น(Class Interval) และสีที่แทนค่าของค่าอุณหภูมิแต่ละช่วง

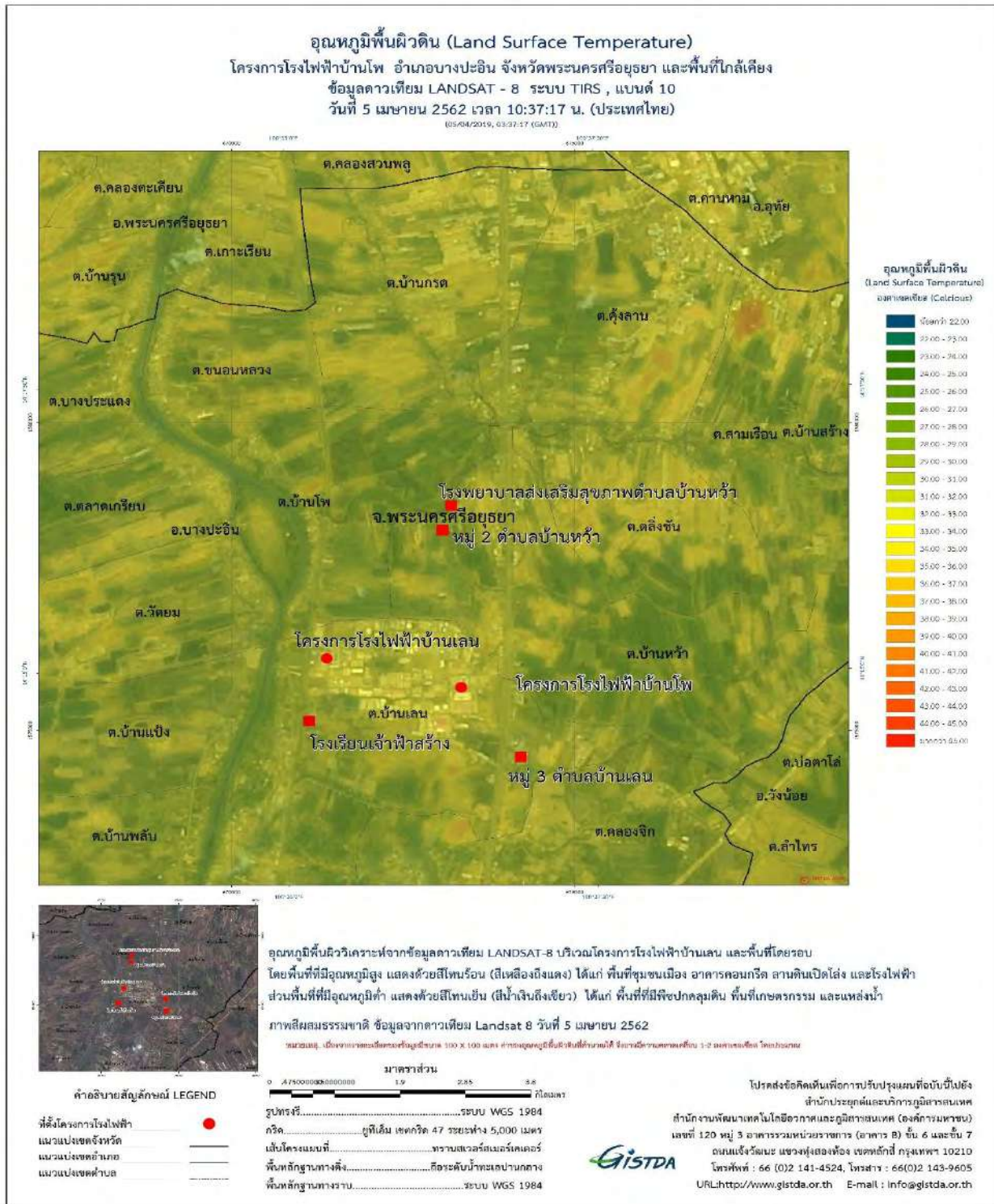
อุณหภูมิพื้นผิวดิน (Land Surface Temperature) บริเวณโครงการโรงไฟฟ้าชีวมวล ขนาด 55 เมกะวัตต์ วันที่ 5 เมษายน 2562 ดังภาพที่ 4-5





ภาพที่ 4 อุณหภูมิพื้นผิวดิน (Land Surface Temperature) โครงการโรงไฟฟ้าบ้านโพและพื้นที่ใกล้เคียง จากข้อมูลดาวเทียม Landsat-8TIRS, band 10 บันทึกภาพเมื่อวันที่ 5 เมษายน 2562 เวลา 10:37:17 น.





ภาพที่ 5 อุณหภูมิพื้นผิวดิน (Land Surface Temperature) ข้อมูลจากดาวเทียม Landsat-8TIRS, band 10 บันทึกภาพเมื่อวันที่ 5 เมษายน 2562 ซ้อนทับกับภาพสีผสมธรรมชาติ ข้อมูลจากดาวเทียม Landsat-8 บันทึกภาพวันที่ 5 เมษายน 2562





จากภาพอุณหภูมิพื้นผิวดิน (Land Surface Temperature) บริเวณโครงการโรงไฟฟ้าบ้านโพและพื้นที่ใกล้เคียงในภาพที่ 4-5 แสดงความแตกต่างของอุณหภูมิพื้นผิวดินที่ขึ้นอยู่กับการใช้ประโยชน์ที่ดินและสิ่งปกคลุมดินได้อย่างชัดเจน จากภาพจะเห็นได้ว่า

ในวันที่ 5 เมษายน 2562 บริเวณพื้นที่ศึกษาโครงการโรงไฟฟ้าบ้านโพและพื้นที่ใกล้เคียง มีค่าอุณหภูมิพื้นผิวดินอยู่ระหว่าง 30 – 36 องศาเซลเซียส โดยพื้นที่เกษตรกรรม แหล่งน้ำ พื้นที่ชุ่มน้ำ และพื้นที่โรงงานบางแห่ง จะมีค่าอุณหภูมิพื้นผิวดินจากข้อมูลดาวเทียม อยู่ระหว่าง 27 – 30 องศาเซลเซียส

ส่วนบริเวณโรงงานอุตสาหกรรม แหล่งชุมชน หรือพื้นที่ที่มีพื้นผิวดินสิ่งปกคลุมเป็นคอนกรีต ไม้ สังกะสี และพื้นดินเปิดโล่ง จะมีค่าอุณหภูมิพื้นผิวดินสูงกว่าพื้นที่ข้างต้น คือมีค่าอยู่ที่ประมาณ 29 - 33 องศาเซลเซียส

โดยพื้นที่โครงการโรงไฟฟ้าบ้านโพ มีค่าอุณหภูมิอยู่ระหว่าง 32 – 37 องศาเซลเซียส

จากผลการศึกษาดังกล่าว เมื่อนำค่าอุณหภูมิพื้นผิวดินที่ได้จากการวิเคราะห์โดยข้อมูลจากดาวเทียม LANDSAT-8 TIRS, แบนด์ 10 เปรียบเทียบกับค่าอุณหภูมิของกรมอุตุนิยมวิทยาจากสถานีอุตุนิยมวิทยา พระนครศรีอยุธยา ตำบลท่าเจ้าสนุก อำเภอท่าเรือ จังหวัดพระนครศรีอยุธยา ในช่วงเวลาเดียวกัน พบว่าค่าอุณหภูมิพื้นผิวดินที่ได้จากการวิเคราะห์โดยข้อมูลจากดาวเทียมต่ำกว่าของกรมอุตุนิยมวิทยา ประมาณ 1 องศาเซลเซียส ดังตารางที่ 4



ตารางที่ 4 แสดงค่าอุณหภูมิตุ้มแห้ง\* (องศาเซลเซียส) ราย 3 ชั่วโมง ของกรมอุตุนิยมวิทยา

สถานี/จังหวัด	วัน/เดือน/ปี	เวลาทำการตรวจวัดค่าอุณหภูมิ								เฉลี่ย
		0100	0400	0700	1000	1300	1600	1900	2200	
พระนครศรีอยุธยา/ พระนครศรีอยุธยา	02/04/2019	27	26	25.3	31.5	35	36.3	30.5	30	30.2
พระนครศรีอยุธยา/ พระนครศรีอยุธยา	03/04/2019	28.5	25.5	25.8	31.4	32.9	27.5	25	24.7	27.7
พระนครศรีอยุธยา/ พระนครศรีอยุธยา	04/04/2019	24.1	23.7	23.5	30.8	34.7	36	32.1	28	29.1
พระนครศรีอยุธยา/ พระนครศรีอยุธยา	05/04/2019	26.3	25.8	25.6	32	35.2	36.7	32.3	29.6	30.4
พระนครศรีอยุธยา/ พระนครศรีอยุธยา	06/04/2019	28	26.9	27.3	32.1	35.5	34.7	31.7	29.5	30.7
พระนครศรีอยุธยา/ พระนครศรีอยุธยา	07/04/2019	27.8	27.2	27	32	35.3	27	27.2	27.1	28.8
พระนครศรีอยุธยา/ พระนครศรีอยุธยา	08/04/2019	26	25	24.5	31	34.5	36	33	30.8	30.1

หมายเหตุ : \* อุณหภูมิตุ้มแห้ง : Dry-bulb temperature อุณหภูมิที่อ่านได้จากเทอร์โมมิเตอร์ตุ้มแห้งหรือเทอร์โมมิเตอร์ธรรมดา ซึ่งติดตั้งอยู่ในที่ๆ มีอากาศถ่ายเทตามธรรมชาติ และอยู่ในร่มเงาไม่ถูกรังสีจากดวงอาทิตย์โดยตรง





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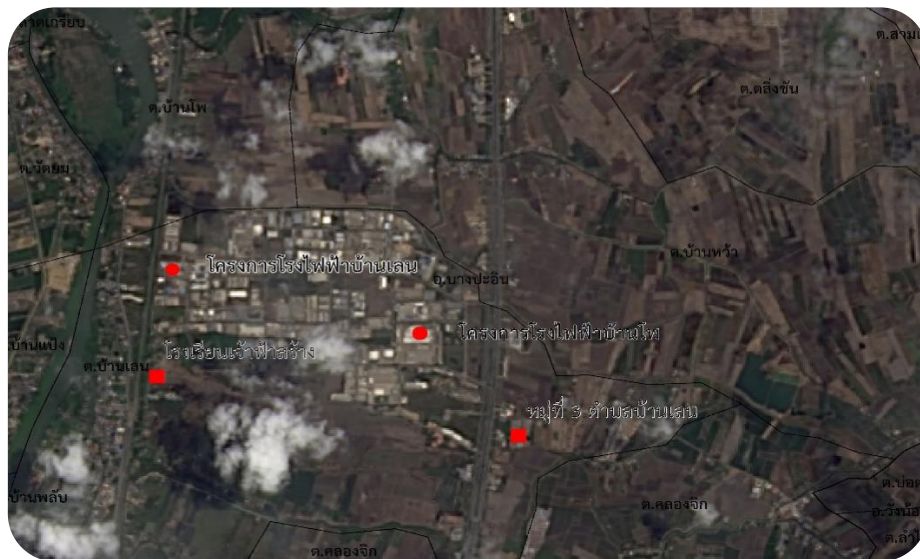
รายงาน

การหาอุณหภูมิพื้นผิว (Land Surface Temperature)

โดยใช้ข้อมูลจากดาวเทียม LANDSAT-8 ระบบ TIRS

บริเวณโครงการโรงไฟฟ้าบ้านโพ อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา

23 พฤษภาคม 2562



โดย

ฝ่ายสิ่งแวดล้อมและภัยพิบัติ

สำนักประยุกต์และบริการภูมิสารสนเทศ

สำนักงานพัฒนาเทคโนโลยีอวกาศและภูมิสารสนเทศ (องค์การมหาชน)



## อุณหภูมิพื้นผิว (Land Surface Temperature)

### 1. ความเป็นมาของการศึกษา

เนื่องจากสำนักงานพัฒนาเทคโนโลยีอวกาศและภูมิสารสนเทศ(องค์การมหาชน): สทอภ. ได้รับการติดต่อจาก บริษัท เอแอลเอส แลบบอราทอรี กรุ๊ป (ประเทศไทย) จำกัด ให้ดำเนินการวิเคราะห์และประมวลผลข้อมูลคลื่นความร้อนโดยแสดงเป็นอุณหภูมิพื้นผิว (Land surface temperature) หน่วยเป็นองศาเซลเซียส บริเวณโครงการโรงไฟฟ้าบ้านโพ เพื่อแสดงความแตกต่างระหว่างอุณหภูมิพื้นผิวบริเวณโครงการโรงไฟฟ้าและพื้นที่ใกล้เคียงโดยรอบ ซึ่งส่วนใหญ่เป็นพื้นที่เขตประกอบการอุตสาหกรรม แหล่งชุมชนและพื้นที่เกษตร ทั้งนี้เพื่อใช้เป็นข้อมูลพื้นฐานของอุณหภูมิพื้นผิวช่วงฤดูฝน ในวันที่ 23 พฤษภาคม 2562 เริ่มประมาณกลางเดือนพฤษภาคม ถึงประมาณกลางเดือนตุลาคม ฤดูนี้จะเริ่มเมื่อมรสุมตะวันตกเฉียงใต้ซึ่งเป็นลมชื้นพัดปกคลุมประเทศไทย ขณะที่ร่องความกดอากาศต่ำ (แนวร่องที่ทำให้เกิดฝน) พาดผ่านประเทศไทยทำให้มีฝนชุกทั่วไป

### 2. โครงการโรงไฟฟ้าบ้านโพ

โครงการโรงไฟฟ้าบ้านโพเป็นโรงไฟฟ้าพลังความร้อนร่วมร่วม ใช้ก๊าซธรรมชาติเป็นเชื้อเพลิงในการผลิตไฟฟ้า มีลักษณะกระบวนการผลิตแบบโคเจนเนอเรชั่น ทั้งสองโครงการมีกำลังการผลิตไฟฟ้าสุทธิประมาณ 137 เมกะวัตต์ (MW) โดยตั้งอยู่ในพื้นที่ประมาณ 24.42 ไร่ และ 11.88 ไร่ ตามลำดับ

#### 2.1 ความเป็นมา

ตามแผนพัฒนากำลังการผลิตไฟฟ้าของประเทศไทย ระหว่างปี พ.ศ.2555-2573 (PDP2010 ฉบับปรับปรุงครั้งที่ 3) โดยกระทรวงพลังงานร่วมกับการไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (กฟผ.) ได้พยากรณ์ความต้องการใช้ไฟฟ้าสูงสุดของประเทศไทยพบว่ามีความต้องการใช้ไฟฟ้าสูงขึ้นทุกปี ทั้งนี้เพื่อรองรับความต้องการการใช้ไฟฟ้าที่เพิ่มขึ้นตามแผน PDP2010 จึงได้กำหนดให้มีการรับซื้อไฟฟ้าจากผู้ผลิตไฟฟ้ารายเล็ก (SPP) ระบบโคเจนเนอเรชั่น

การรับซื้อไฟฟ้าจากผู้ผลิตไฟฟ้ารายเล็กมีวัตถุประสงค์ ต่อไปนี้

- 2.1.1 ส่งเสริมให้ผู้ผลิตไฟฟ้ารายเล็กเข้ามามีส่วนร่วมในการผลิตไฟฟ้า
- 2.1.2 ส่งเสริมให้มีการใช้ต้นทุนพลังงานในการผลิตไฟฟ้าให้เกิดประโยชน์มากยิ่งขึ้น
- 2.1.3 ช่วยแบ่งเบาภาระด้านการลงทุนของรัฐในระบบการผลิต และระบบจำหน่ายไฟฟ้า



โครงการโรงไฟฟ้าบ้านโพ ดำเนินการโดยบริษัท กัลป์ บีพี จำกัดและบริษัท กัลป์ บีแอล จำกัด ตามลำดับ ซึ่งจัดตั้งขึ้นเพื่อดำเนินธุรกิจผลิตและจำหน่ายไฟฟ้าตามแผนพัฒนากำลังการผลิตไฟฟ้าของประเทศไทย โดยจัดจำหน่ายไฟฟ้าให้การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (กฟผ.) ตามโครงการรับซื้อไฟฟ้าจากผู้ผลิตรายเล็ก (Small Power Producer : SPP) และโรงงานอุตสาหกรรม

## 2.2 ที่ตั้ง

โครงการโรงไฟฟ้าบ้านโพตั้งอยู่ที่นิคมอุตสาหกรรมบ้านหว้า (ไฮเทค) ริมทางหลวงแผ่นดินหมายเลข 32 บริเวณบ้านหว้า บ้านโพและบ้านเลน อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา นิคมอุตสาหกรรมบ้านหว้า (ไฮเทค) เริ่มพัฒนาตั้งแต่ปี พ.ศ. 2532 ผู้เช่าส่วนใหญ่อยู่ในกลุ่มอุตสาหกรรมอิเล็กทรอนิกส์ ไฟฟ้า อุปกรณ์สื่อสาร กลุ่มชิ้นส่วนรถยนต์ เครื่องจักร และกลุ่มโรงงานพลาสติก

## 3. ระบบผลิตไฟฟ้าและความร้อนร่วม (Cogeneration System)

ระบบโคเจนเนอเรชัน ( Cogeneration) คือระบบที่ให้กำเนิดพลังงานไฟฟ้าหรือพลังงานกล และมีการใช้ประโยชน์จากพลังงานความร้อนในขณะเดียวกัน โดยอาศัยเชื้อเพลิงแหล่งเดียวกัน ซึ่งจะทำให้ต้นทุนการผลิตพลังงานในราคาที่ถูกลงกว่าระบบการผลิตอื่นๆ

เทคโนโลยีระบบผลิตพลังงานความร้อนร่วม แบ่งเป็น 2 รูปแบบ ตามลักษณะการทำงาน พิจารณาได้จากลำดับการนำพลังงานความร้อนไปใช้ประโยชน์ ระบบโคเจนเนอเรชันวัฏจักรบน (Topping Cycle Cogeneration) คือระบบที่ผลิตพลังงานกลก่อน แล้วนำพลังงานความร้อนที่เหลือไปใช้ประโยชน์ ส่วนระบบโคเจนเนอเรชันวัฏจักรล่าง (Bottoming Cycle Cogeneration) จะมีการนำพลังงานความร้อนไปใช้ประโยชน์ก่อนที่จะผลิตพลังงานไฟฟ้าหรือพลังงานกล

ซึ่งการนำเทคโนโลยีแต่ละรูปแบบข้างต้นไปใช้นั้น ขึ้นอยู่กับความเหมาะสมของแต่ละสถานประกอบการ โดยพิจารณาจากชนิดของเชื้อเพลิงที่ได้ คุณภาพของพลังงานความร้อนที่ต้องการ ลักษณะการใช้ความร้อนและไฟฟ้าของโรงงาน เวลาการใช้งาน ต้นทุนการก่อสร้าง และเงื่อนไขด้านสิ่งแวดล้อม เป็นต้น





### 3.1 ระบบโคเจนเนอเรชันชนิดกังหันไอน้ำ

ระบบชนิดนี้ประกอบด้วย เครื่องกำเนิดไอน้ำ เครื่องกังหันไอน้ำ โดยใช้เชื้อเพลิงเหลว ก๊าซหรือเชื้อเพลิงแข็ง หลักการทำงานคือ เชื้อเพลิงจะถูกป้อนเข้าสู่ห้องเผาไหม้เพื่อให้ความร้อนแก่น้ำในเครื่อง กำเนิดไอน้ำ ซึ่งได้ไอน้ำยวดยิ่ง (Superheat Steam) ที่อุณหภูมิและความดันสูง ไอน้ำจะไปขับเคลื่อนกังหันไอน้ำได้กำลังเพลลา ซึ่งสามารถนำไปขับเคลื่อนเครื่องกลต่างๆ เช่น ปั๊ม คอมเพรสเซอร์ หรือเปลี่ยนรูปเป็นไฟฟ้าโดยขับเคลื่อนเครื่องกำเนิดไฟฟ้า ส่วนไอน้ำที่ออกจากเครื่องสามารถนำไปใช้ในกระบวนการผลิตต่อไป

### 3.2 ระบบโคเจนเนอเรชันชนิดกังหันก๊าซ

มีหลักการทำงานคือ คอมเพรสเซอร์จะอัดอากาศจากภายนอก และนำเข้าสู่ห้องเผาไหม้ เชื้อเพลิงจะถูกฉีดเข้ามาผสมกับอากาศและจุดระเบิด เกิดก๊าซร้อนจากการเผาไหม้ขึ้น ซึ่งจะขยายตัวผ่านเครื่องกังหันก๊าซ แกนของเครื่องกังหันก๊าซจะต่อไปขับเคลื่อนปั๊มไฟฟ้า เพื่อผลิตกระแสไฟฟ้า ส่วนก๊าซร้อนที่ปล่อยจากกังหันก๊าซจะมีอุณหภูมิประมาณ 450-550 องศาเซลเซียส ก๊าซร้อนนี้สามารถนำไปใช้เป็นแหล่งให้ความร้อน เพื่อผลิตไอน้ำที่ความดันต่ำๆ หรือนำไปใช้โดยตรงเพื่อใช้ในกระบวนการผลิต

### 3.3 ระบบโคเจนเนอเรชันชนิดเครื่องยนต์เผาไหม้ภายใน

ระบบนี้สามารถแบ่งได้ตามประเภทเครื่องยนต์เป็น 2 ชนิด คือ เครื่องยนต์ Spark-Ignition Engine จะใช้เชื้อเพลิงเหลวหรือก๊าซธรรมชาติเป็นเชื้อเพลิง และเครื่องยนต์ Compression-Ignition Engines จะใช้น้ำมันดีเซลหรือน้ำมันเตาเป็นเชื้อเพลิง พลังงานที่ผลิตได้อยู่ในช่วง 100 kW. ถึง 10 MW. พลังงานความร้อนที่ออกมาอยู่ในรูปของก๊าซไอเสีย น้ำหล่อเย็นเสียดูดและน้ำมันหล่อลื่น ซึ่งการนำพลังงานความร้อนไปใช้อาจใช้คู่กับ Waste Heat Boiler ในการผลิตไอน้ำหรือน้ำร้อน



## 4. การคำนวณค่าอุณหภูมิพื้นผิว (Surface Temperature) จากข้อมูลดาวเทียม LANDSAT-8

### 4.1 พื้นที่ศึกษา

โครงการโรงไฟฟ้าบ้านโพตั้งอยู่ที่นิคมอุตสาหกรรมบ้านหว้า (ไฮเทค) อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา สภาพพื้นที่โดยทั่วไปตั้งอยู่บริเวณพื้นที่ราบลุ่ม ภาคกลางของประเทศไทย ทิศเหนือติดต่อกับอำเภوبرนครศรีอยุธยา และอำเภอยุทัย จังหวัดพระนครศรีอยุธยา ทิศตะวันออกติดต่อกับอำเภอรังนกน้อย จังหวัดพระนครศรีอยุธยา ทิศใต้ติดต่อกับอำเภอลองหลวง จังหวัดปทุมธานี ทิศตะวันตกติดต่อกับอำเภอบางไทร จังหวัดพระนครศรีอยุธยา สภาพภูมิอากาศโดยทั่วไป มี 3 ฤดูกาล คือ ฤดูหนาว เริ่มตั้งแต่กลางเดือนตุลาคมถึงกลางเดือนกุมภาพันธ์ ซึ่งเป็นฤดูมรสุมตะวันออกเฉียงเหนือ ฤดูร้อน เริ่มเมื่อมรสุมตะวันออกเฉียงเหนือสิ้นสุดลง คือประมาณกลางเดือนกุมภาพันธ์ถึงกลางเดือนพฤษภาคม และฤดูฝน เริ่มตั้งแต่กลางเดือนพฤษภาคมถึงกลางเดือนตุลาคม ซึ่งเป็นช่วงที่มรสุมตะวันตกเฉียงใต้ ประชากรส่วนใหญ่ประกอบอาชีพในภาคเกษตรกรรม และอุตสาหกรรม ดังภาพที่ 1 และภาพขยายพื้นที่บริเวณโครงการโรงไฟฟ้าและพื้นที่โดยรอบโครงการโรงไฟฟ้า ดังภาพที่ 2



ภาพที่ 1 แสดงสภาพพื้นที่บริเวณอำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา

(ข้อมูลจากดาวเทียม LANDSAT-8 OLI, band 432 บันทึกภาพวันที่ 23 พฤษภาคม 2562)



ในการศึกษา ได้กำหนดพื้นที่ศึกษาโดยรอบโครงการโรงไฟฟ้าบ้านโพ โดยรอบประมาณ 25 ตารางกิโลเมตร ดังภาพที่ 2 ซึ่งจะครอบคลุมพื้นที่การใช้ประโยชน์ที่ดินและสิ่งปกคลุมดินหลายประเภท เช่น พื้นที่ประกอบอุตสาหกรรม ชุมชนเมือง พื้นที่การเกษตร แหล่งน้ำ และพื้นที่เปิดโล่ง ซึ่งจะทำให้สามารถเปรียบเทียบความแตกต่างของอุณหภูมิพื้นผิวในพื้นที่ที่มีลักษณะแตกต่างกันได้อย่างชัดเจน



ภาพที่ 2 ภาพขยายบริเวณโครงการโรงไฟฟ้าบ้านโพ โครงการโรงไฟฟ้าบ้านเลนและพื้นที่โดยรอบโครงการโรงไฟฟ้า

(ข้อมูลจากดาวเทียม LANDSAT-8 OLI, band 432 บันทึกภาพวันที่ 23 พฤษภาคม 2562)

## 4.2 ขั้นตอนการศึกษา

### 4.2.1 ข้อมูลดาวเทียมที่ใช้ในการศึกษา

ข้อมูลจากดาวเทียม LANDSAT-8 TIRS, Band 10 (ความยาวคลื่น 10.60 -11.19 นาโนเมตร) หรือช่วงคลื่นอินฟราเรดความร้อน (Thermal Infrared) Path/Row ที่ 129/50, เวลาถ่ายภาพประมาณ 10:37:25 นาฬิกา (เวลาประเทศไทย) มีความละเอียดของภาพ (Spatial resolution) ที่ 100 เมตร (ในขณะที่ Band อื่นๆ ได้แก่ band1-7 และ band 9 จะมีความละเอียดภาพที่ 30 เมตร รายละเอียดดังตารางที่ 1) ซึ่งเป็นช่วงคลื่นที่นำมาใช้ในการหาค่าอุณหภูมิผิวพื้น (Land Surface Temperature : LST) บริเวณโครงการโรงไฟฟ้าบ้านโพ โครงการโรงไฟฟ้าบ้านเลนและพื้นที่ใกล้เคียงโดยเลือกข้อมูลจากดาวเทียม LANDSAT-8วันที่ 23 พฤษภาคม 2562 เวลาถ่ายภาพประมาณ 10:37:25 นาฬิกา (เวลาประเทศไทย)





ตารางที่ 1 แสดงรายละเอียด Satellite Sensors ของ LANDSAT-7,8

Landsat-7 ETM+ Bands (μm)			Landsat-8 OLI and TIRS Bands (μm)		
			30 m Coastal/Aerosol	0.435 - 0.451	Band 1
Band 1	30 m Blue	0.441 - 0.514	30 m Blue	0.452 - 0.512	Band 2
Band 2	30 m Green	0.519 - 0.601	30 m Green	0.533 - 0.590	Band 3
Band 3	30 m Red	0.631 - 0.692	30 m Red	0.636 - 0.673	Band 4
Band 4	30 m NIR	0.772 - 0.898	30 m NIR	0.851 - 0.879	Band 5
Band 5	30 m SWIR-1	1.547 - 1.749	30 m SWIR-1	1.566 - 1.651	Band 6
Band 6	60 m TIR	10.31 - 12.36	100 m TIR-1	10.60 - 11.19	Band 10
			100 m TIR-2	11.50 - 12.51	Band 11
Band 7	30 m SWIR-2	2.064 - 2.345	30 m SWIR-2	2.107 - 2.294	Band 7
Band 8	15 m Pan	0.515 - 0.896	15 m Pan	0.503 - 0.676	Band 8
			30 m Cirrus	1.363 - 1.384	Band 9

ข้อมูลจากดาวเทียม LANDSAT-8 ที่ได้รับข้อมูลจากสถานีรับสัญญาณดาวเทียมศรีราชา ที่นำมาวิเคราะห์เป็นข้อมูล level 1 ซึ่งผ่านกระบวนการปรับแก้ทาง Radiometric และ Geometric Correction อยู่ในลักษณะข้อมูล GeoTIFF Format

#### 4.2.2 วิธีการคำนวณค่าอุณหภูมิพื้นผิวดิน (Land Surface Temperature)

ข้อมูลดาวเทียม LANDSAT-8 TM, Path/Row ที่ 129/50 เลือกเฉพาะช่วง band 10 ที่ถูกปรับแก้ความคลาดเคลื่อนทางภูมิศาสตร์แล้ว จะถูกนำมาคำนวณ เพื่อหาค่าอุณหภูมิพื้นผิวบริเวณโครงการโรงไฟฟ้าบ้านโพและพื้นที่ใกล้เคียง ดังมีรายละเอียดตามขั้นตอนดังนี้

1). เปลี่ยนค่า Digital Number (DN) ของข้อมูลจากดาวเทียม LANDSAT-8 TIRS, Thermal Infrared Sensor (band 10) ไปเป็นค่า Spectral Radiance ดังสมการที่ 1 (USGS, 2013):

สมการที่ 1 
$$L_{\lambda} = 0.00033422 \times DN + 0.1$$

เมื่อ  $L_{\lambda}$  คือ ค่า Spectral Radiance มีหน่วยเป็น  $W/(m^2 \text{ster} \mu m)$

DN ค่า Digital Number ของข้อมูล band 10 หน่วยเป็น  $W/(m^2 \text{ster} \mu m)$





2). เปลี่ยนค่า Spectral Radiance ไปเป็นค่า Brightness Temperature,  $T_B$  (หรือ Black Body Temperature) ตามความสัมพันธ์ ดังสมการที่ 2 (LANDSAT Project Science Office, 2002)

$$\text{สมการที่ 2} \quad T_B = \frac{K_2}{\ln\left(\frac{K_1}{L_\lambda} + 1\right)}$$

เมื่อ  $T_B$  คือค่า Effective at-Satellite Temperature หน่วย Kelvin, K

$L_\lambda$  คือค่า Spectral Radiance มีหน่วยเป็น  $W/(m^2 \text{ster} \mu m)$

$K_2$  และ  $K_1$  คือค่า Pre-launch Calibration Constant ซึ่งกำหนดสำหรับข้อมูลจากดาวเทียม LANDSAT-8 TIRS ดังนี้

**ตารางที่ 2** รายละเอียดข้อมูล (metadata) สำหรับ TIRS Thermal Band Calibration Constants (U.S. Geological Survey, 2013)

Constant (Unit)	Band 10	Band 11
Radiance Multiplier	0.0003342	0.0003342
Radiance Add	0.1	0.1
$K_1$ (watts/(meter squared * ster * $\mu m$ ))	774.89	480.89
$K_2$ (Kelvin)	1321.08	1201.14

3). ค่าอุณหภูมิในสมการข้างบนจะเป็นค่าที่อ้างอิงจาก back body ดังนั้นเพื่อหาค่าอุณหภูมิพื้นผิวดินที่แท้จริง จะต้องคำนึงถึงการแผ่รังสีจากสิ่งปกคลุมพื้นผิว (spectral emissivity according to the natural of land cover) จาก Snyder et al. (1998) ได้เสนอการคำนวณหาค่า เพื่อปรับแก้อุณหภูมิการปลดปล่อยที่พื้นผิว (emissivity corrected land surface temperature;  $S_L$ ) ซึ่งคำนวณตามความสัมพันธ์ ดังสมการที่ 3 (Artis & Carnahan, 1982)



สมการที่ 3 
$$S_i = \frac{T_B}{1 + \left( \lambda \times \frac{T_B}{\rho} \right) \ln \varepsilon}$$

เมื่อ  $T_B$  คือ ค่าอุณหภูมิพื้นผิว หน่วย Kelvin, K

$T_B$  คือ ค่า Effective at-Satellite Temperature หน่วย Kelvin, K

$\lambda$  คือ ความยาวคลื่นของ Emitted Radiance ซึ่งเลือกใช้ค่ากลางที่  $\lambda = 10.6\mu\text{m}$

$\varepsilon$  คือ ค่าเฉลี่ยการปลดปล่อยเชิงคลื่น (Spectral Emissivity) จากพื้นผิวแบบต่างๆ ซึ่งค่าที่เลือกใช้ในสมการ สามารถดูได้จากตารางที่ 3 ซึ่งค่าที่ใช้ในการคำนวณ จะใช้  $\varepsilon = 0.969$  (Arid bare soil/Urban)

$\rho$  มีค่าเท่ากับ  $1.438 \times 10^{-2} \text{ m K}$ , เป็นค่าที่ได้มาจากความสัมพันธ์  $\rho = h \times c / \sigma$

เมื่อ  $h$  = ค่าคงที่ของ Plank ( $6.626 \times 10^{-34} \text{ J-s}$ )

$c$  = ความเร็วของแสง (Velocity of Light) ( $2.998 \times 10^8 \text{ m/s}$ )

$\sigma$  = ค่าคงที่ของ Stefan Boltzmann ( $1.38 \times 10^{-23} \text{ J/K}$ )





ตารางที่ 3 ค่าเฉลี่ยตามฤดูกาลของการแผ่รังสีจากสิ่งปกคลุมพื้นผิวแต่ละชนิด สำหรับข้อมูลดาวเทียม MODIS band 31 and 32 (Snyder et al., 1998)

Emissivity Classes	Mean Emissivity ( $\epsilon$ )					
	Green Season			Senescent Season		
	10.8-11.3 $\mu\text{m}$	11.8-12.3 $\mu\text{m}$	Average	10.8-11.3 $\mu\text{m}$	11.8-12.3 $\mu\text{m}$	Average
NeedleForest	0.989	0.991	0.990	0.986	0.988	0.987
Broadleaf Forest	0.987	0.990	0.989	0.968	0.971	0.970
Woody Savanna	0.988	0.991	0.990	0.975	0.978	0.977
Grass Savanna	0.987	0.991	0.989	0.973	0.975	0.974
Sparse Shrubs	0.972	0.975	0.974	0.970	0.976	0.973
Water/Wetland	0.991	0.986	0.989	0.991	0.986	0.989
Organic Bare Soil	0.977	0.982	0.980	0.977	0.982	0.980
Arid Bare Soil/Urban	0.966	0.972	0.966	0.972	0.972	0.969

#### 4). คำนวณหาค่าอุณหภูมิในหน่วยเซลเซียส จากความสัมพันธ์

$$\text{Centigrade Temperature (}^{\circ}\text{C)} = \text{Absolute Temperature (}^{\circ}\text{K)} - 273.15$$



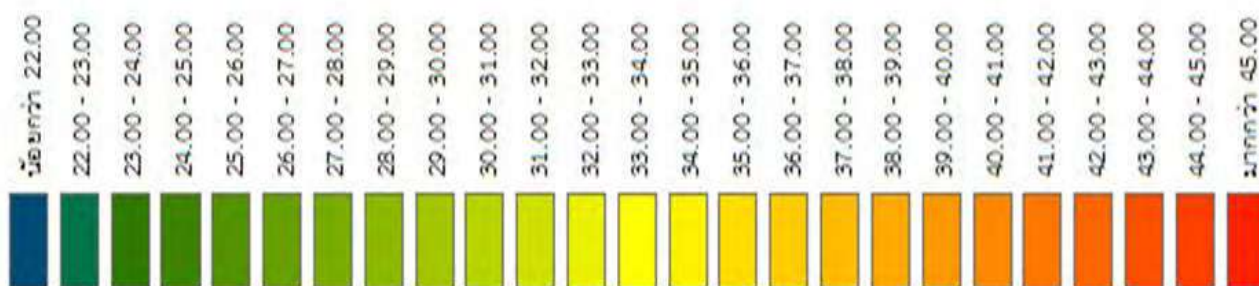


## 5. ผลการศึกษาค่าอุณหภูมิพื้นผิวดิน (Land Surface Temperature)

### 5.1 ข้อมูลอุณหภูมิพื้นผิวดิน จาก LANDSAT-8

#### 5.1 ข้อมูลอุณหภูมิพื้นผิวดิน จาก LANDSAT-8

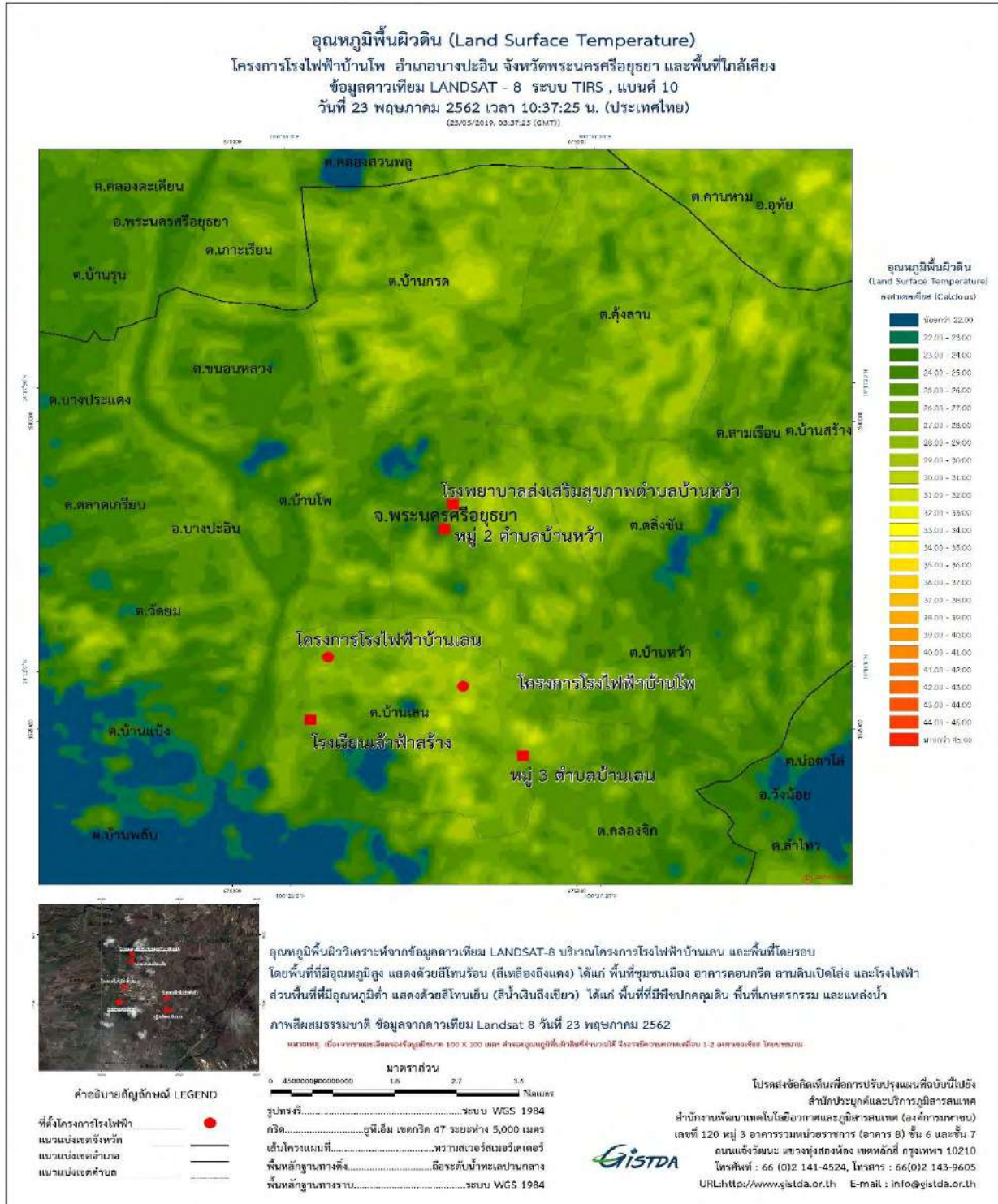
ข้อมูลอุณหภูมิพื้นผิวดินที่มีหน่วยเป็นองศาเซลเซียส ซึ่งได้จากการคำนวณในช่วงต้น จะถูกนำมากำหนดค่าสีของแต่ละช่วงอุณหภูมิ โดยกำหนดค่าอันตรภาคชั้น (Class Interval) ของอุณหภูมิแต่ละช่วงให้เท่ากับ 1 องศาเซลเซียส ดังแสดงในภาพที่ 3



ภาพที่ 3 แสดงช่วงอันตรภาคชั้น(Class Interval) และสีที่แทนค่าของค่าอุณหภูมิแต่ละช่วง

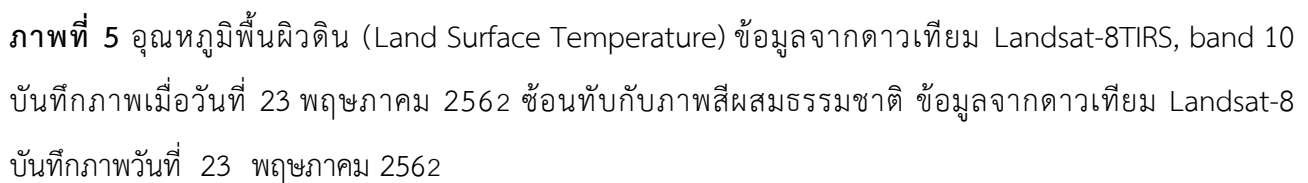
อุณหภูมิพื้นผิวดิน (Land Surface Temperature) บริเวณโครงการโรงไฟฟ้าชีวมวล ขนาด 55 เมกะวัตต์ วันที่ 23 พฤษภาคม 2562 ดังภาพที่ 4-5





ภาพที่ 4 อุณหภูมิพื้นผิวดิน (Land Surface Temperature) โครงการโรงไฟฟ้าบ้านโพและพื้นที่ใกล้เคียง จากข้อมูลดาวเทียม Landsat-8TIRS, band 10 บันทึกภาพเมื่อวันที่ 23 พฤษภาคม 2562 เวลา 10:37:25 น.









จากภาพอุณหภูมิพื้นผิวดิน (Land Surface Temperature) บริเวณโครงการโรงไฟฟ้าบ้านโปและพื้นที่ใกล้เคียงในภาพที่ 4-5 แสดงความแตกต่างของอุณหภูมิพื้นผิวดินที่ขึ้นอยู่กับการใช้ประโยชน์ที่ดินและสิ่งปกคลุมดินได้อย่างชัดเจน จากภาพจะเห็นได้ว่า

ในวันที่ 23 พฤษภาคม 2562 บริเวณพื้นที่ศึกษาโครงการโรงไฟฟ้าบ้านโปและพื้นที่ใกล้เคียง มีค่าอุณหภูมิพื้นผิวดินอยู่ระหว่าง 25 – 30 องศาเซลเซียส โดยพื้นที่เกษตรกรรม แหล่งน้ำ พื้นที่ชุ่มน้ำ และพื้นที่โรงงานบางแห่งจะมีค่าอุณหภูมิพื้นผิวจากข้อมูลดาวเทียม อยู่ระหว่าง 22 – 25 องศาเซลเซียส

ส่วนบริเวณโรงงานอุตสาหกรรม แหล่งชุมชน หรือพื้นที่ที่มีพื้นผิวสิ่งปกคลุมเป็นคอนกรีต ไม้ สังกะสี และพื้นดินเปิดโล่ง จะมีค่าอุณหภูมิพื้นผิวดินสูงกว่าพื้นที่ข้างต้น คือมีค่าอยู่ที่ประมาณ 24 - 28 องศาเซลเซียส โดยพื้นที่โครงการโรงไฟฟ้าบ้านโป มีค่าอุณหภูมิอยู่ระหว่าง 27 – 31 องศาเซลเซียส

จากผลการศึกษาดังกล่าว เมื่อนำค่าอุณหภูมิพื้นผิวดินที่ได้จากการวิเคราะห์โดยข้อมูลจากดาวเทียม LANDSAT-8 TIRS, แบนด์ 10 เปรียบเทียบกับค่าอุณหภูมิของกรมอุตุนิยมวิทยาจากสถานีอุตุนิยมวิทยา พระนครศรีอยุธยา ตำบลท่าเจ้าสนุก อำเภอท่าเรือ จังหวัดพระนครศรีอยุธยา ในช่วงเวลาเดียวกัน พบว่าค่าอุณหภูมิพื้นผิวดินที่ได้จากการวิเคราะห์โดยข้อมูลจากดาวเทียมต่ำกว่าของกรมอุตุนิยมวิทยา ประมาณ 1 องศาเซลเซียส ดังตารางที่ 4





ตารางที่ 4 แสดงค่าอุณหภูมิตุ้มแห้ง\* (องศาเซลเซียส) ราย 3 ชั่วโมง ของกรมอุตุนิยมวิทยา

สถานี/จังหวัด	วัน/เดือน/ปี	เวลาทำการตรวจวัดค่าอุณหภูมิ								เฉลี่ย
		0100	0400	0700	1000	1300	1600	1900	2200	
พระนครศรีอยุธยา/ พระนครศรีอยุธยา	21/05/2019	29	28.4	28	33.3	36.8	35.9	33.7	30.8	32
พระนครศรีอยุธยา/ พระนครศรีอยุธยา	22/05/2019	29.8	25	25.5	29.3	33	34.2	27.8	27	29
พระนครศรีอยุธยา/ พระนครศรีอยุธยา	23/05/2019	26.8	26.3	27	32.7	34.8	27	25	26.4	28.3
พระนครศรีอยุธยา/ พระนครศรีอยุธยา	24/05/2019	25.9	25.6	26	30.4	33.9	34.5	28.5	27.4	29
พระนครศรีอยุธยา/ พระนครศรีอยุธยา	25/05/2019	27	26.5	27	32	34.7	35.3	31.3	28.3	30.3
พระนครศรีอยุธยา/ พระนครศรีอยุธยา	26/05/2019	28	27.8	28	32.4	34	34.7	31.1	28.1	30.5
พระนครศรีอยุธยา/ พระนครศรีอยุธยา	27/05/2019	29	28.4	28	33.3	36.8	35.9	33.7	30.8	32

หมายเหตุ : \* อุณหภูมิตุ้มแห้ง : Dry-bulb temperature อุณหภูมิที่อ่านได้จากเทอร์โมมิเตอร์ตุ้มแห้งหรือเทอร์โมมิเตอร์ธรรมดา ซึ่งติดตั้งอยู่ในที่ๆ มีอากาศถ่ายเทตามธรรมชาติ และอยู่ในร่มเงาไม่ถูกรังสีจากดวงอาทิตย์โดยตรง





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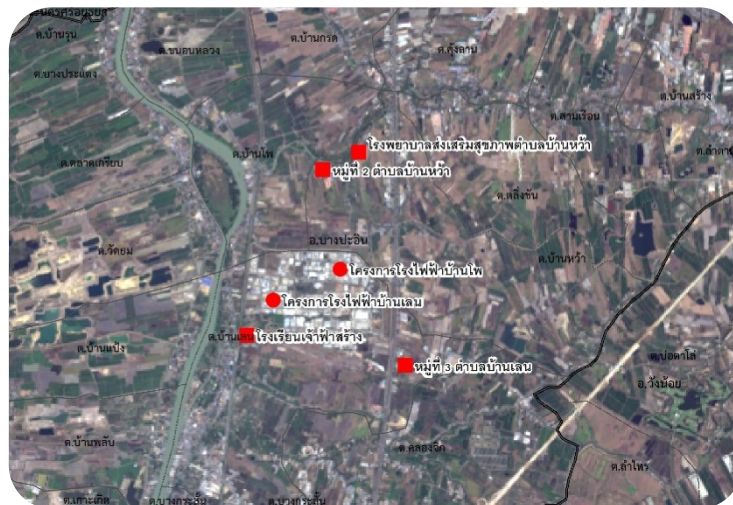
## รายงาน

### การหาอุณหภูมิพื้นผิว (Land Surface Temperature)

โดยใช้ข้อมูลจากดาวเทียม LANDSAT-8 ระบบ TIRS

บริเวณโครงการโรงไฟฟ้าบ้านโพ อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา

17 ธันวาคม 2562



โดย

ฝ่ายสิ่งแวดล้อมและภัยพิบัติ

สำนักงานประยุกต์และบริการภูมิสารสนเทศ

สำนักงานพัฒนาเทคโนโลยีอวกาศและภูมิสารสนเทศ (องค์การมหาชน)





## อุณหภูมิพื้นผิว (Land Surface Temperature)

### 1. ความเป็นมาของการศึกษา

เนื่องจากสำนักงานพัฒนาเทคโนโลยีอวกาศและภูมิสารสนเทศ(องค์การมหาชน): สทอภ. ได้รับการติดต่อจาก บริษัท เอแอลเอส แลบบอราทอรี (ประเทศไทย) จำกัด ให้ดำเนินการวิเคราะห์และประมวลผลข้อมูลคลื่นความร้อนโดยแสดงเป็นอุณหภูมิพื้นผิว (Land surface temperature) หน่วยเป็นองศาเซลเซียส บริเวณโครงการโรงไฟฟ้าบ้านโพ เพื่อแสดงความแตกต่างระหว่างอุณหภูมิพื้นผิวบริเวณโครงการโรงไฟฟ้าและพื้นที่ใกล้เคียงโดยรอบ ซึ่งส่วนใหญ่เป็นพื้นที่เขตประกอบการอุตสาหกรรม แหล่งชุมชนและพื้นที่เกษตร ทั้งนี้เพื่อใช้เป็นข้อมูลพื้นฐานของอุณหภูมิพื้นผิวช่วงฤดูหนาว ในวันที่ 17 ธันวาคม 2562 เริ่มตั้งแต่กลางเดือนตุลาคมถึงกลางเดือนกุมภาพันธ์ ซึ่งฤดูหนาวเริ่มขึ้นเมื่อมรสุมตะวันออกเฉียงเหนือพัดเข้าปกคลุมประเทศไทย โดยเริ่มต้นอากาศจะแปรปรวน ไม่แน่นอน อาจมีอากาศเย็นหรือฝนฟ้าคะนอง โดยเฉพาะภาคกลางตอนล่าง

### 2. โครงการโรงไฟฟ้าบ้านโพ

โครงการโรงไฟฟ้าบ้านโพเป็นโรงไฟฟ้าพลังความร้อนร่วมร่วม ใช้ก๊าซธรรมชาติเป็นเชื้อเพลิงในการผลิตไฟฟ้า มีลักษณะกระบวนการผลิตแบบโคเจนเนอเรชั่น ทั้งสองโครงการมีกำลังการผลิตไฟฟ้าสุทธิประมาณ 137 เมกะวัตต์ (MW) โดยตั้งอยู่ในพื้นที่ประมาณ 24.42 ไร่ และ 11.88 ไร่ ตามลำดับ

#### 2.1 ความเป็นมา

ตามแผนพัฒนากำลังการผลิตไฟฟ้าของประเทศไทย ระหว่างปี พ.ศ.2555-2573 (PDP2010 ฉบับปรับปรุงครั้งที่ 3) โดยกระทรวงพลังงานร่วมกับการไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (กฟผ.) ได้พยากรณ์ความต้องการใช้ไฟฟ้าสูงสุดของประเทศไทยพบว่ามีแนวโน้มความต้องการใช้ไฟฟ้าสูงขึ้นทุกปี ทั้งนี้เพื่อรองรับความต้องการการใช้ไฟฟ้าที่เพิ่มขึ้นตามแผน PDP2010 จึงได้กำหนดให้มีการรับซื้อไฟฟ้าจากผู้ผลิตไฟฟ้ารายเล็ก (SPP) ระบบโคเจนเนอเรชั่น

การรับซื้อไฟฟ้าจากผู้ผลิตไฟฟ้ารายเล็กมีวัตถุประสงค์ ต่อไปนี้

- 2.1.1 ส่งเสริมให้ผู้ผลิตไฟฟ้ารายเล็กเข้ามามีส่วนร่วมในการผลิตไฟฟ้า
- 2.1.2 ส่งเสริมให้มีการใช้ต้นทุนพลังงานในการผลิตไฟฟ้าให้เกิดประโยชน์มากยิ่งขึ้น
- 2.1.3 ช่วยแบ่งเบาภาระด้านการลงทุนของรัฐในระบบการผลิต และระบบจำหน่ายไฟฟ้า





โครงการโรงไฟฟ้าบ้านโพ ดำเนินการโดยบริษัท กัลป์ บีพี จำกัดและบริษัท กัลป์ บีแอล จำกัด ตามลำดับ ซึ่งจัดตั้งขึ้นเพื่อดำเนินธุรกิจผลิตและจำหน่ายไฟฟ้าตามแผนพัฒนากำลังการผลิตไฟฟ้าของประเทศไทย โดยจัดจำหน่ายไฟฟ้าให้การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (กฟผ.) ตามโครงการรับซื้อไฟฟ้าจากผู้ผลิตรายเล็ก (Small Power Producer : SPP) และโรงงานอุตสาหกรรม

## 2.2 ที่ตั้ง

โครงการโรงไฟฟ้าบ้านโพตั้งอยู่ที่นิคมอุตสาหกรรมบ้านหว้า (ไฮเทค) ริมทางหลวงแผ่นดินหมายเลข 32 บริเวณบ้านหว้า บ้านโพและบ้านเลน อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา นิคมอุตสาหกรรมบ้านหว้า (ไฮเทค) เริ่มพัฒนาตั้งแต่ปี พ.ศ. 2532 ผู้เช่าส่วนใหญ่อยู่ในกลุ่มอุตสาหกรรมอิเล็กทรอนิกส์ ไฟฟ้า อุปกรณ์สื่อสาร กลุ่มชิ้นส่วนรถยนต์ เครื่องจักร และกลุ่มโรงงานพลาสติก

## 3. ระบบผลิตไฟฟ้าและความร้อนร่วม (Cogeneration System)

ระบบโคเจนเนอเรชัน ( Cogeneration) คือระบบที่ให้กำเนิดพลังงานไฟฟ้าหรือพลังงานกล และมีการใช้ประโยชน์จากพลังงานความร้อนในขณะเดียวกัน โดยอาศัยเชื้อเพลิงแหล่งเดียวกัน ซึ่งจะทำให้ต้นทุนการผลิตพลังงานในราคาที่ถูกลงกว่าระบบการผลิตอื่นๆ

เทคโนโลยีระบบผลิตพลังงานความร้อนร่วม แบ่งเป็น 2 รูปแบบ ตามลักษณะการทำงาน พิจารณาได้จากลำดับการนำพลังงานความร้อนไปใช้ประโยชน์ ระบบโคเจนเนอเรชันวัฏจักรบน (Topping Cycle Cogeneration) คือระบบที่ผลิตพลังงานกลก่อน แล้วนำพลังงานความร้อนที่เหลือไปใช้ประโยชน์ ส่วนระบบโคเจนเนอเรชันวัฏจักรล่าง (Bottoming Cycle Cogeneration) จะมีการนำพลังงานความร้อนไปใช้ประโยชน์ก่อนที่จะผลิตพลังงานไฟฟ้าหรือพลังงานกล

ซึ่งการนำเทคโนโลยีแต่ละรูปแบบข้างต้นไปใช้นั้น ขึ้นอยู่กับความเหมาะสมของแต่ละสถานประกอบการ โดยพิจารณาจากชนิดของเชื้อเพลิงที่ได้ คุณภาพของพลังงานความร้อนที่ต้องการ ลักษณะการใช้ความร้อนและไฟฟ้าของโรงงาน เวลาการใช้งาน ต้นทุนการก่อสร้าง และเงื่อนไขด้านสิ่งแวดล้อม เป็นต้น



### 3.1 ระบบโคเจนเนอเรชันชนิดกังหันไอน้ำ

ระบบชนิดนี้ประกอบด้วย เครื่องกำเนิดไอน้ำ เครื่องกังหันไอน้ำ โดยใช้เชื้อเพลิงเหลว ก๊าซหรือเชื้อเพลิงแข็ง หลักการทำงานคือ เชื้อเพลิงจะถูกป้อนเข้าสู่ห้องเผาไหม้เพื่อให้ความร้อนแก่น้ำในเครื่อง กำเนิดไอน้ำ ซึ่งได้ไอน้ำยวดยิ่ง (Superheat Steam) ที่อุณหภูมิและความดันสูง ไอน้ำจะไปขับเคลื่อนกังหันไอน้ำได้กำลังเพลลา ซึ่งสามารถนำไปขับเคลื่อนเครื่องกลต่างๆ เช่น ปั๊ม คอมเพรสเซอร์ หรือเปลี่ยนรูปเป็นไฟฟ้าโดยขับเคลื่อนเครื่องกำเนิดไฟฟ้า ส่วนไอน้ำที่ออกจากเครื่องสามารถนำไปใช้ในกระบวนการผลิตต่อไป

### 3.2 ระบบโคเจนเนอเรชันชนิดกังหันก๊าซ

มีหลักการทำงานคือ คอมเพรสเซอร์จะอัดอากาศจากภายนอก และนำเข้าสู่ห้องเผาไหม้ เชื้อเพลิงจะถูกฉีดเข้ามาผสมกับอากาศและจุดระเบิด เกิดก๊าซร้อนจากการเผาไหม้ขึ้น ซึ่งจะขยายตัวผ่านเครื่องกังหันก๊าซ แกนของเครื่องกังหันก๊าซจะต่อไปขับเคลื่อนปั๊มไฟฟ้า เพื่อผลิตกระแสไฟฟ้า ส่วนก๊าซร้อนที่ปล่อยจากกังหันก๊าซจะมีอุณหภูมิประมาณ 450-550 องศาเซลเซียส ก๊าซร้อนนี้สามารถนำไปใช้เป็นแหล่งให้ความร้อน เพื่อผลิตไอน้ำที่ความดันต่ำๆ หรือนำไปใช้โดยตรงเพื่อใช้ในกระบวนการผลิต

### 3.3 ระบบโคเจนเนอเรชันชนิดเครื่องยนต์เผาไหม้ภายใน

ระบบนี้สามารถแบ่งได้ตามประเภทเครื่องยนต์เป็น 2 ชนิด คือ เครื่องยนต์ Spark-Ignition Engine จะใช้เชื้อเพลิงเหลวหรือก๊าซธรรมชาติเป็นเชื้อเพลิง และเครื่องยนต์ Compression-Ignition Engines จะใช้น้ำมันดีเซลหรือน้ำมันเตาเป็นเชื้อเพลิง พลังงานที่ผลิตได้อยู่ในช่วง 100 kW. ถึง 10 MW. พลังงานความร้อนที่ออกมาอยู่ในรูปของก๊าซไอเสีย น้ำหล่อเย็นเสื่อสูบและน้ำมันหล่อลื่น ซึ่งการนำพลังงานความร้อนไปใช้อาจใช้คู่กับ Waste Heat Boiler ในการผลิตไอน้ำหรือน้ำร้อน

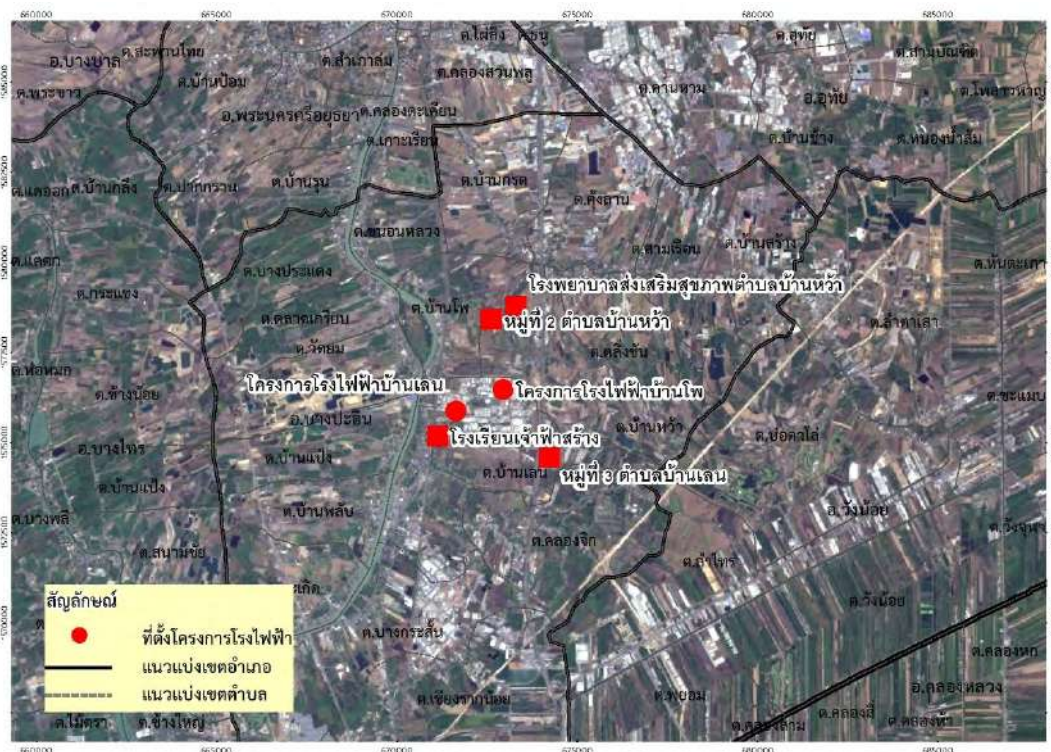




## 4. การคำนวณค่าอุณหภูมิพื้นผิว (Surface Temperature) จากข้อมูลดาวเทียม LANDSAT-8

### 4.1 พื้นที่ศึกษา

โครงการโรงไฟฟ้าบ้านโพตั้งอยู่ที่นิคมอุตสาหกรรมบ้านหว้า (ไฮเทค) อำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา สภาพพื้นที่โดยทั่วไปตั้งอยู่บริเวณพื้นที่ราบลุ่ม ภูมิภาคกลางของประเทศไทย ทิศเหนือติดต่อกับอำเภوبرนครศรีอยุธยา และอำเภอยุทัย จังหวัดพระนครศรีอยุธยา ทิศตะวันออกติดต่อกับอำเภอมโนรมย์ จังหวัดพระนครศรีอยุธยา ทิศใต้ติดต่อกับอำเภอลองหลวง จังหวัดปทุมธานี ทิศตะวันตกติดต่อกับอำเภอบางไทร จังหวัดพระนครศรีอยุธยา สภาพภูมิอากาศโดยทั่วไป มี 3 ฤดูกาล คือ ฤดูหนาว เริ่มตั้งแต่กลางเดือนตุลาคมถึงกลางเดือนกุมภาพันธ์ ซึ่งเป็นฤดูมรสุมตะวันออกเฉียงเหนือ ฤดูร้อน เริ่มเมื่อมรสุมตะวันออกเฉียงเหนือสิ้นสุดลง คือประมาณกลางเดือนกุมภาพันธ์ถึงกลางเดือนพฤษภาคม และฤดูฝน เริ่มตั้งแต่กลางเดือนพฤษภาคมถึงกลางเดือนตุลาคม ซึ่งเป็นช่วงที่มรสุมตะวันตกเฉียงใต้ ประชากรส่วนใหญ่ประกอบอาชีพในภาคเกษตรกรรม และอุตสาหกรรม ดังภาพที่ 1 และภาพขยายพื้นที่บริเวณโครงการโรงไฟฟ้าและพื้นที่โดยรอบโครงการโรงไฟฟ้า ดังภาพที่ 2



ภาพที่ 1 แสดงสภาพพื้นที่บริเวณอำเภอบางปะอิน จังหวัดพระนครศรีอยุธยา

(ข้อมูลจากดาวเทียม LANDSAT-8 OLI, band 432 บันทึกภาพวันที่ 17 ธันวาคม 2562)



[illegible]

## 4.2 ขั้นตอนการศึกษา

#### 4.2.1 ข้อมูลดาวเทียมที่ใช้ในการศึกษา

5 การหาอุณหภูมิพื้นผิว(Land Surface Temperature)โดยใช้ข้อมูลดาวเทียมLANDSAT-8ระบบTIRS บริเวณโครงการโรงไฟฟ้าบ้านโพ  
ตำบลบางปะอิน จังหวัดพระนครศรีอยุธยา 17 ธันวาคม 2562





ตารางที่ 1 แสดงรายละเอียด Satellite Sensors ของ LANDSAT-7,8

Landsat-7 ETM+ Bands (μm)			Landsat-8 OLI and TIRS Bands (μm)		
			30 m Coastal/Aerosol	0.435 - 0.451	Band 1
Band 1	30 m Blue	0.441 - 0.514	30 m Blue	0.452 - 0.512	Band 2
Band 2	30 m Green	0.519 - 0.601	30 m Green	0.533 - 0.590	Band 3
Band 3	30 m Red	0.631 - 0.692	30 m Red	0.636 - 0.673	Band 4
Band 4	30 m NIR	0.772 - 0.898	30 m NIR	0.851 - 0.879	Band 5
Band 5	30 m SWIR-1	1.547 - 1.749	30 m SWIR-1	1.566 - 1.651	Band 6
Band 6	60 m TIR	10.31 - 12.36	100 m TIR-1	10.60 - 11.19	Band 10
			100 m TIR-2	11.50 - 12.51	Band 11
Band 7	30 m SWIR-2	2.064 - 2.345	30 m SWIR-2	2.107 - 2.294	Band 7
Band 8	15 m Pan	0.515 - 0.896	15 m Pan	0.503 - 0.676	Band 8
			30 m Cirrus	1.363 - 1.384	Band 9

ข้อมูลจากดาวเทียม LANDSAT-8 ที่ได้รับข้อมูลจากสถานีรับสัญญาณดาวเทียมศรีราชา ที่นำมาวิเคราะห์เป็นข้อมูล level 1 ซึ่งผ่านกระบวนการปรับแก้ทาง Radiometric และ Geometric Correction อยู่ในลักษณะข้อมูล GeoTIFF Format

#### 4.2.2 วิธีการคำนวณค่าอุณหภูมิพื้นผิวดิน (Land Surface Temperature)

ข้อมูลดาวเทียม LANDSAT-8 TM, Path/Row ที่ 129/50 เลือกเฉพาะช่วง band 10 ที่ถูกปรับแก้ความคลาดเคลื่อนทางภูมิศาสตร์แล้ว จะถูกนำมาคำนวณ เพื่อหาค่าอุณหภูมิพื้นผิวบริเวณโครงการโรงไฟฟ้าบ้านโพและพื้นที่ใกล้เคียง ดังมีรายละเอียดตามขั้นตอนดังนี้

1). เปลี่ยนค่า Digital Number (DN) ของข้อมูลจากดาวเทียม LANDSAT-8 TIRS, Thermal Infrared Sensor (band 10) ไปเป็นค่า Spectral Radiance ดังสมการที่ 1 (USGS, 2013):

สมการที่ 1 
$$L_{\lambda} = 0.00033422 \times DN + 0.1$$

เมื่อ  $L_{\lambda}$  คือ ค่า Spectral Radiance มีหน่วยเป็น  $W/(m^2 \text{ster} \mu m)$





DN ค่า Digital Number ของข้อมูล band 10หน่วยเป็น W/(m<sup>2</sup>sterum)

2). เปลี่ยนค่า Spectral Radiance ไปเป็นค่า Brightness Temperature, T<sub>B</sub> (หรือ Black Body Temperature) ตามความสัมพันธ์ ดังสมการที่ 2 (LANDSAT Project Science Office, 2002)

$$\text{สมการที่ 2} \quad T_B = \frac{K_2}{\ln\left(\frac{K_1}{L_\lambda} + 1\right)}$$

เมื่อ T<sub>B</sub> คือค่า Effective at-Satellite Temperature หน่วย Kelvin, K

L<sub>λ</sub> คือค่า Spectral Radiance มีหน่วยเป็น W/(m<sup>2</sup>sterum)

K2 และ K1 คือค่า Pre-launch Calibration Constant ซึ่งกำหนดสำหรับข้อมูลจากดาวเทียม LANDSAT-8 TIRS ดังนี้

**ตารางที่ 2** รายละเอียดข้อมูล (metadata)สำหรับ TIRS Thermal Band Calibration Constants (U.S. Geological Survey, 2013)

Constant (Unit)	Band 10	Band 11
Radiance Multiplier	0.0003342	0.0003342
Radiance Add	0.1	0.1
K1(watts/(meter squared * ster * μm))	774.89	480.89
K2(Kelvin)	1321.08	1201.14

3). ค่าอุณหภูมิในสมการข้างบนจะเป็นค่าที่อ้างอิงจาก back body ดังนั้นเพื่อหาค่าอุณหภูมิพื้นผิวดินที่แท้จริง จะต้องคำนึงถึงการแผ่รังสีจากสิ่งปกคลุมพื้นผิว (spectral emissivity according to the natural of land cover) จาก Snyder et al. (1998) ได้เสนอการคำนวณหาค่า เพื่อปรับแก้อุณหภูมิการปลดปล่อยที่พื้นผิว (emissivity corrected land surface temperature; S<sub>L</sub>) ซึ่งคำนวณตามความสัมพันธ์ ดังสมการที่ 3 (Artis& Carnahan, 1982)





สมการที่ 3 
$$S_i = \frac{T_B}{1 + \left( \lambda \times \frac{T_B}{\rho} \right) \ln \varepsilon}$$

เมื่อ  $T_B$  คือ ค่าอุณหภูมิพื้นผิว หน่วย Kelvin, K

$T_B$  คือ ค่า Effective at-Satellite Temperature หน่วย Kelvin, K

$\lambda$  คือ ความยาวคลื่นของ Emitted Radiance ซึ่งเลือกใช้ค่ากลางที่  $\lambda = 10.6 \mu\text{m}$

$\varepsilon$  คือ ค่าเฉลี่ยการปลดปล่อยเชิงคลื่น (Spectral Emissivity) จากพื้นผิวแบบต่างๆ ซึ่งค่าที่เลือกใช้ในสมการ สามารถดูได้จากตารางที่ 3 ซึ่งค่าที่ใช้ในการคำนวณ จะใช้  $\varepsilon = 0.969$  (Arid bare soil/Urban)

$\rho$  มีค่าเท่ากับ  $1.438 \times 10^{-2} \text{ m K}$ , เป็นค่าที่ได้มาจากความสัมพันธ์  $\rho = h \times c / \sigma$

เมื่อ  $h$  = ค่าคงที่ของ Plank ( $6.626 \times 10^{-34} \text{ J-s}$ )

$c$  = ความเร็วของแสง (Velocity of Light) ( $2.998 \times 10^8 \text{ m/s}$ )

$\sigma$  = ค่าคงที่ของ Stefan Boltzmann ( $1.38 \times 10^{-23} \text{ J/K}$ )





ตารางที่ 3 ค่าเฉลี่ยตามฤดูกาลของการแผ่รังสีจากสิ่งปกคลุมพื้นผิวแต่ละชนิด สำหรับข้อมูลดาวเทียม MODIS band 31 and 32 (Snyder et al., 1998)

Emissivity Classes	Mean Emissivity ( $\epsilon$ )					
	Green Season			Senescent Season		
	10.8-11.3 $\mu\text{m}$	11.8-12.3 $\mu\text{m}$	Average	10.8-11.3 $\mu\text{m}$	11.8-12.3 $\mu\text{m}$	Average
NeedleForest	0.989	0.991	0.990	0.986	0.988	0.987
Broadleaf Forest	0.987	0.990	0.989	0.968	0.971	0.970
Woody Savanna	0.988	0.991	0.990	0.975	0.978	0.977
Grass Savanna	0.987	0.991	0.989	0.973	0.975	0.974
Sparse Shrubs	0.972	0.975	0.974	0.970	0.976	0.973
Water/Wetland	0.991	0.986	0.989	0.991	0.986	0.989
Organic Bare Soil	0.977	0.982	0.980	0.977	0.982	0.980
Arid Bare Soil/Urban	0.966	0.972	0.966	0.972	0.972	0.969

#### 4). คำนวณหาค่าอุณหภูมิในหน่วยเซลเซียส จากความสัมพันธ์

$$\text{Centigrade Temperature (}^{\circ}\text{C)} = \text{Absolute Temperature (}^{\circ}\text{K)} - 273.15$$



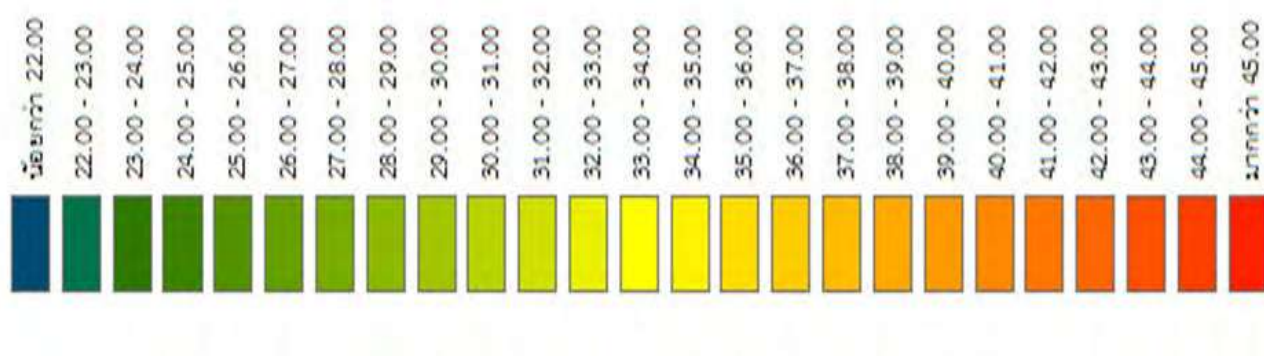


## 5. ผลการศึกษาค่าอุณหภูมิพื้นผิวดิน (Land Surface Temperature)

### 5.1 ข้อมูลอุณหภูมิพื้นผิวดิน จาก LANDSAT-8

#### 5.1 ข้อมูลอุณหภูมิพื้นผิวดิน จาก LANDSAT-8

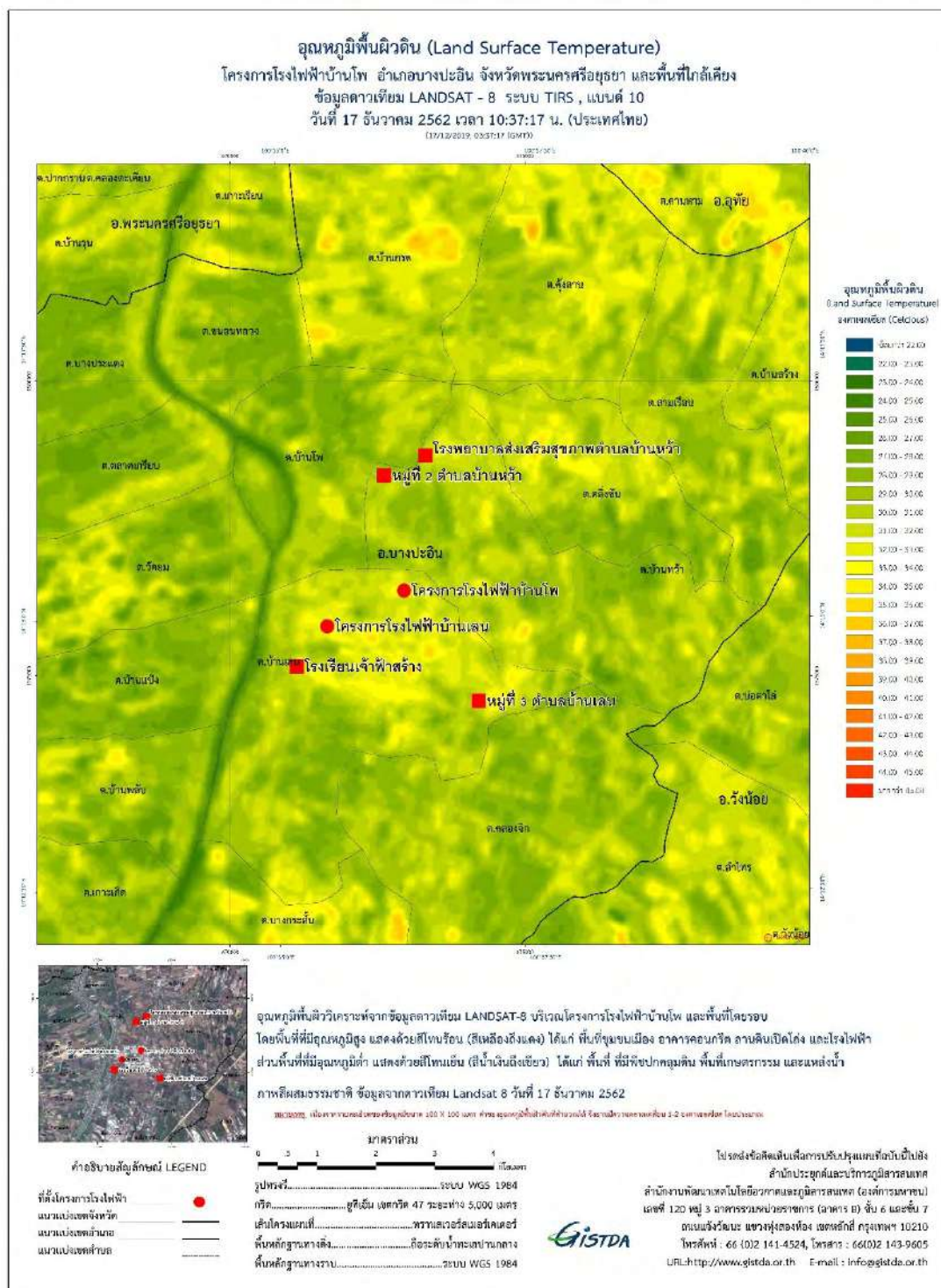
ข้อมูลอุณหภูมิพื้นผิวดินที่มีหน่วยเป็นองศาเซลเซียส ซึ่งได้จากการคำนวณในช่วงต้น จะถูกนำมากำหนดค่าสีของแต่ละช่วงอุณหภูมิ โดยกำหนดค่าอันตรภาคชั้น (Class Interval) ของอุณหภูมิแต่ละช่วงให้เท่ากับ 1 องศาเซลเซียส ดังแสดงในภาพที่ 3



ภาพที่ 3 แสดงช่วงอันตรภาคชั้น(Class Interval) และสีที่แทนค่าของค่าอุณหภูมิแต่ละช่วง

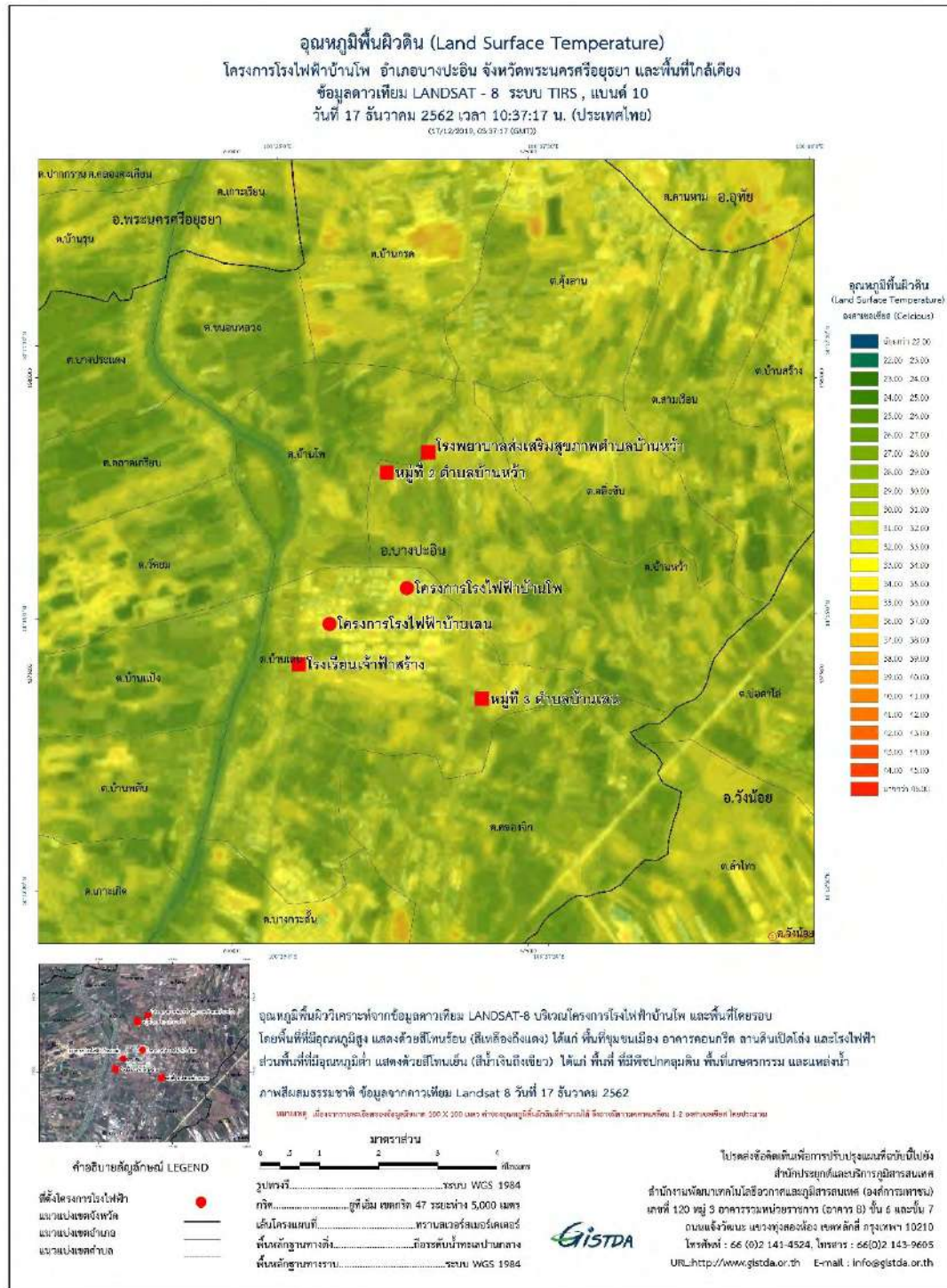
อุณหภูมิพื้นผิวดิน (Land Surface Temperature) บริเวณโครงการโรงไฟฟ้าบ้านโพ วันที่ 17 ธันวาคม 2562 ดังภาพที่ 4-5





ภาพที่ 4 อุณหภูมิพื้นผิวดิน (Land Surface Temperature) โครงการโรงไฟฟ้าบ้านโพและพื้นที่ใกล้เคียง จากข้อมูลดาวเทียม Landsat-8TIRS, band 10 บันทึกภาพเมื่อวันที่ 17 ธันวาคม 2562 เวลา 10:37:17 น.





ภาพที่ 5 อุณหภูมิพื้นผิวดิน (Land Surface Temperature) ข้อมูลจากดาวเทียม Landsat-8TIRS, band 10  
 บันทึกภาพเมื่อวันที่ 17 ธันวาคม 2562 ซ้อนทับกับภาพสีผสมธรรมชาติ ข้อมูลจากดาวเทียม Landsat-8  
 บันทึกภาพวันที่ 17 ธันวาคม 2562



จากภาพอุณหภูมิพื้นผิวดิน (Land Surface Temperature) บริเวณโครงการโรงไฟฟ้าบ้านโปและพื้นที่ใกล้เคียงในภาพที่ 4-5 แสดงความแตกต่างของอุณหภูมิพื้นผิวดินที่ขึ้นอยู่กับการใช้ประโยชน์ที่ดินและสิ่งปกคลุมดินได้อย่างชัดเจน จากภาพจะเห็นได้ว่า

ในวันที่ 17 ธันวาคม 2562 บริเวณพื้นที่ศึกษาโครงการโรงไฟฟ้าบ้านโปและพื้นที่ใกล้เคียง มีค่าอุณหภูมิพื้นผิวดินอยู่ระหว่าง 24 – 33 องศาเซลเซียส โดยพื้นที่เกษตรกรรม แหล่งน้ำ พื้นที่ชุ่มน้ำ และพื้นที่โรงงานบางแห่งจะมีค่าอุณหภูมิพื้นผิวจากข้อมูลดาวเทียม อยู่ระหว่าง 24 – 28 องศาเซลเซียส

ส่วนบริเวณโรงงานอุตสาหกรรม แหล่งชุมชน หรือพื้นที่ที่มีพื้นผิวสิ่งปกคลุมเป็นคอนกรีต ไม้ สังกะสี และพื้นดินเปิดโล่ง จะมีค่าอุณหภูมิพื้นผิวดินสูงกว่าพื้นที่ข้างต้น คือมีค่าอยู่ที่ประมาณ 29 - 33 องศาเซลเซียส โดยพื้นที่โครงการโรงไฟฟ้าบ้านโป มีค่าอุณหภูมิอยู่ระหว่าง 31 – 35 องศาเซลเซียส

จากผลการศึกษาดังกล่าว เมื่อนำค่าอุณหภูมิพื้นผิวดินที่ได้จากการวิเคราะห์โดยข้อมูลจากดาวเทียม LANDSAT-8 TIRS, แบนด์ 10 เปรียบเทียบกับค่าอุณหภูมิของสทอภ. สถานี GISTDA-23/จ.พระนครศรีอยุธยา ในช่วงเวลาเดียวกัน พบว่าค่าอุณหภูมิพื้นผิวดินที่ได้จากการวิเคราะห์โดยข้อมูลจากดาวเทียมต่ำกว่าของ สทอภ. ประมาณ 1 องศาเซลเซียส ดังตารางที่ 4

**ตารางที่ 4** แสดงค่าอุณหภูมิเฉลี่ยรายวัน 24 ชั่วโมง (องศาเซลเซียส)

สถานี/จังหวัด	วัน/เดือน/ปี	อุณหภูมิเฉลี่ย
GISTDA-24/จ.ระยอง	14/12/2019	25.1
GISTDA-24/จ.ระยอง	15/12/2019	26.0
GISTDA-24/จ.ระยอง	16/12/2019	26.3
GISTDA-24/จ.ระยอง	17/12/2019	26.9
GISTDA-24/จ.ระยอง	18/12/2019	26.9
GISTDA-24/จ.ระยอง	19/12/2019	27.2
GISTDA-24/จ.ระยอง	20/12/2019	27.1

หมายเหตุ : \* อุณหภูมิเฉลี่ยรายวันจากระบบการให้บริการข้อมูลของสถานีตรวจวัดสภาพอากาศเพื่อใช้ในการวิเคราะห์ร่วมกับการใช้ งานภาพดาวเทียม ของ สทอภ.





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