ภาคผนวก ค

ใบรับรองผลการวิเคราะห์

คุณภาพอากาศในบรรยากาศโดยทั่วไป

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493184
Date Received : Oct 24, 2024
Date Reported : Oct 29, 2024
Report Number: 3081834-1

Sample Description Air Quality
Location ชุมชนตลาดห้วยโป่ง (GPS 47P 0732309, 1407980)
Parameter Nitrogen dioxide (ppm)
Measurement Date Oct 16, 2024 - Oct 23, 2024
Measurement by Satcha Phetsawaeng

Time	2493184-1 Oct 16, 2024	2493184-2 Oct 17, 2024	2493184-3 Oct 18, 2024	2493184-4 Oct 19, 2024	2493184-5 Oct 20, 2024	2493184-6 Oct 21, 2024	2493184-7 Oct 22, 2024
09:00 AM - 10:00 AM	0.0104	0.0134	0.0183	0.0079	0.0050	0.0043	0.0049
10:00 AM - 11:00 AM	0.0134	0.0162	0.0147	0.0090	0.0049	0.0044	0.0043
11:00 AM - 12:00 PM	0.0131	0.0135	0.0127	0.0111	0.0051	0.0046	0.0045
12:00 PM - 01:00 PM	0.0105	0.0111	0.0104	0.0071	0.0037	0.0047	0.0041
01:00 PM - 02:00 PM	0.0072	0.0114	0.0153	0.0036	0.0043	0.0046	0.0038
02:00 PM - 03:00 PM	0.0063	0.0104	0.0144	0.0029	0.0053	0.0040	0.0036
03:00 PM - 04:00 PM	0.0072	0.0116	0.0105	0.0054	0.0043	0.0036	0.0037
04:00 PM - 05:00 PM	0.0096	0.0094	0.0088	0.0048	0.0037	0.0039	0.0036
05:00 PM - 06:00 PM	0.0033	0.0090	0.0085	0.0045	0.0035	0.0036	0.0037
06:00 PM - 07:00 PM	0.0099	0.0084	0.0082	0.0042	0.0036	0.0039	0.0037
07:00 PM - 08:00 PM	0.0167	0.0093	0.0072	0.0039	0.0037	0.0037	0.0037
08:00 PM - 09:00 PM	0.0069	0.0085	0.0065	0.0038	0.0036	0.0037	0.0035
09:00 PM - 10:00 PM	0.0103	0.0125	0.0077	0.0045	0.0041	0.0043	0.0037
10:00 PM - 11:00 PM	0.0069	0.0125	0.0075	0.0045	0.0044	0.0044	0.0041
11:00 PM - 12:00 AM	0.0099	0.0110	0.0112	0.0045	0.0046	0.0046	0.0057
12:00 AM - 01:00 AM	0.0117	0.0142	0.0128	0.0043	0.0041	0.0055	0.0055
01:00 AM - 02:00 AM	0.0076	0.0145	0.0165	0.0039	0.0036	0.0054	0.0052
02:00 AM - 03:00 AM	0.0138	0.0130	0.0089	0.0039	0.0037	0.0050	0.0053
03:00 AM - 04:00 AM	0.0147	0.0158	0.0071	0.0036	0.0039	0.0057	0.0065
04:00 AM - 05:00 AM	0.0155	0.0145	0.0076	0.0038	0.0042	0.0047	0.0051
05:00 AM - 06:00 AM	0.0137	0.0141	0.0160	0.0039	0.0041	0.0048	0.0041
06:00 AM - 07:00 AM	0.0177	0.0155	0.0146	0.0039	0.0046	0.0046	0.0046
07:00 AM - 08:00 AM	0.0134	0.0152	0.0092	0.0047	0.0049	0.0047	0.0043
08:00 AM - 09:00 AM	0.0097	0.0173	0.0107	0.0054	0.0041	0.0049	0.0055
Average	0.0108	0.0126	0.0111	0.0050	0.0042	0.0045	0.0044
1hr - Maximum	0.0177	0.0173	0.0183	0.0111	0.0053	0.0057	0.0065
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)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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

Orawan Rakyong
Scientist (3)

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493184
Date Received : Oct 24, 2024
Date Reported : Oct 29, 2024
Report Number: 3150130-1

Sample Description Air Quality
Location ชุมชนบ้านพลง (GPS 47P 0735044, 1406257)
Parameter Nitrogen dioxide (ppm)
Measurement Date Oct 16, 2024 - Oct 23, 2024
Measurement by Satcha Phetsawaeng

Time	2493184-8 Oct 16, 2024	2493184-9 Oct 17, 2024	2493184-10 Oct 18, 2024	2493184-11 Oct 19, 2024	2493184-12 Oct 20, 2024	2493184-13 Oct 21, 2024	2493184-14 Oct 22, 2024
10:00 AM - 11:00 AM	0.0074	0.0130	0.0039	0.0082	0.0034	0.0082	0.0035
11:00 AM - 12:00 PM	0.0050	0.0065	0.0035	0.0036	0.0038	0.0075	0.0037
12:00 PM - 01:00 PM	0.0070	0.0095	0.0046	0.0037	0.0041	0.0056	0.0042
01:00 PM - 02:00 PM	0.0080	0.0041	0.0081	0.0067	0.0120	0.0057	0.0066
02:00 PM - 03:00 PM	0.0030	0.0022	0.0058	0.0057	0.0034	0.0032	0.0151
03:00 PM - 04:00 PM	0.0034	0.0025	0.0026	0.0021	0.0027	0.0021	0.0074
04:00 PM - 05:00 PM	0.0046	0.0040	0.0033	0.0095	0.0020	0.0050	0.0071
05:00 PM - 06:00 PM	0.0043	0.0041	0.0035	0.0032	0.0015	0.0050	0.0061
06:00 PM - 07:00 PM	0.0049	0.0038	0.0032	0.0029	0.0015	0.0041	0.0080
07:00 PM - 08:00 PM	0.0094	0.0050	0.0030	0.0034	0.0016	0.0040	0.0169
08:00 PM - 09:00 PM	0.0061	0.0045	0.0034	0.0035	0.0053	0.0037	0.0097
09:00 PM - 10:00 PM	0.0071	0.0043	0.0033	0.0039	0.0047	0.0061	0.0081
10:00 PM - 11:00 PM	0.0049	0.0053	0.0041	0.0043	0.0023	0.0040	0.0073
11:00 PM - 12:00 AM	0.0059	0.0050	0.0044	0.0039	0.0017	0.0068	0.0072
12:00 AM - 01:00 AM	0.0062	0.0040	0.0032	0.0031	0.0031	0.0031	0.0071
01:00 AM - 02:00 AM	0.0047	0.0033	0.0031	0.0032	0.0034	0.0025	0.0072
02:00 AM - 03:00 AM	0.0043	0.0054	0.0032	0.0023	0.0046	0.0044	0.0118
03:00 AM - 04:00 AM	0.0129	0.0092	0.0068	0.0047	0.0051	0.0069	0.0169
04:00 AM - 05:00 AM	0.0165	0.0148	0.0085	0.0060	0.0089	0.0078	0.0152
05:00 AM - 06:00 AM	0.0096	0.0285	0.0108	0.0049	0.0048	0.0060	0.0077
06:00 AM - 07:00 AM	0.0076	0.0079	0.0063	0.0044	0.0016	0.0034	0.0061
07:00 AM - 08:00 AM	0.0041	0.0060	0.0039	0.0041	0.0023	0.0054	0.0083
08:00 AM - 09:00 AM	0.0039	0.0041	0.0026	0.0032	0.0030	0.0039	0.0070
09:00 AM - 10:00 AM	0.0087	0.0055	0.0060	0.0040	0.0053	0.0033	0.0061
Average	0.0066	0.0068	0.0046	0.0044	0.0038	0.0049	0.0085
1hr - Maximum	0.0165	0.0285	0.0108	0.0095	0.0120	0.0082	0.0169
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)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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
Orawan Rakyong
Scientist (3)

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

Lot ID: 2493189
Date Received :Oct 24, 2024
Date Reported :Oct 29, 2024
Report Number :3081836-1

P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Sample Number 2493189-1 to 7
Parameter Wind Speed / Wind Direction
Location ชุมชนตลาดห้วยโป่ง (GPS 47P 0732309, 1407980)
Sampling Date Oct 16 - Oct 23, 2024
Sampling by Satcha Phetsawaeng

Time	Oct 16 - Oct 17, 2024			Oct 17 - Oct 18, 2024			Oct 18 - Oct 19, 2024			Oct 19 - Oct 20, 2024			Oct 20 - Oct 21, 2024			Oct 21 - Oct 22, 2024			Oct 22 - Oct 23, 2024		
	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)	
09:00 AM - 10:00 AM	1.2	322.0	NW	2.4	191.0	S	4.5	314.0	NW	3.9	277.0	W	4.9	179.0	S	4.9	252.0	WSW	2.4	46.0	NE
10:00 AM - 11:00 AM	2.3	294.0	WNW	4.9	330.0	NNW	3.2	345.0	NNW	4.2	283.0	WNW	4.8	316.0	NW	1.3	276.0	W	1.4	88.0	E
11:00 AM - 12:00 PM	3.6	345.0	NNW	3.9	356.0	N	2.9	173.0	S	4.7	54.0	NE	2.3	267.0	W	2.3	282.0	WNW	1.5	56.0	NE
12:00 PM - 01:00 PM	2.9	62.0	ENE	4.1	302.0	WNW	0.9	66.0	ENE	2.3	276.0	W	2.4	306.0	NW	4.4	357.0	N	1.5	100.0	E
01:00 PM - 02:00 PM	3.6	78.0	ENE	3.9	343.0	NNW	1.7	57.0	ENE	3.3	234.0	SW	4.0	243.0	WSW	3.9	319.0	NW	0.8	99.0	E
02:00 PM - 03:00 PM	2.0	81.0	E	1.8	0.0	N	2.3	21.0	NNE	3.8	298.0	WNW	2.3	278.0	W	2.4	321.0	NW	1.1	54.0	NE
03:00 PM - 04:00 PM	2.7	131.0	SE	0.0	-	-	2.7	58.0	ENE	3.5	311.0	NW	0.8	279.0	W	1.3	324.0	NW	1.4	55.0	NE
04:00 PM - 05:00 PM	0.8	346.0	NNW	1.0	47.0	NE	0.0	-	-	1.5	43.0	NE	0.6	59.0	ENE	1.6	353.0	N	2.6	71.0	ENE
05:00 PM - 06:00 PM	1.3	45.0	NE	1.5	321.0	NW	1.6	52.0	NE	1.3	49.0	NE	0.8	30.0	NNE	1.4	341.0	NNW	3.3	73.0	ENE
06:00 PM - 07:00 PM	2.4	46.0	NE	0.9	34.0	NE	1.6	43.0	NE	1.2	72.0	ENE	1.4	3.0	N	2.3	343.0	NNW	2.8	59.0	ENE
07:00 PM - 08:00 PM	2.2	53.0	NE	1.8	43.0	NE	0.0	-	-	1.4	80.0	E	1.5	10.0	N	1.6	343.0	NNW	3.5	36.0	NE
08:00 PM - 09:00 PM	1.9	56.0	NE	1.2	1.0	N	1.0	50.0	NE	1.2	76.0	ENE	2.3	41.0	NE	0.0	-	-	3.3	46.0	NE
09:00 PM - 10:00 PM	1.0	59.0	ENE	2.8	318.0	NW	1.6	39.0	NE	1.3	146.0	SE	1.2	35.0	NE	0.5	0.0	N	4.9	41.0	NE
10:00 PM - 11:00 PM	1.9	66.0	ENE	3.5	348.0	NNW	1.6	59.0	ENE	0.3	33.0	NNE	1.1	32.0	NNE	0.0	-	-	2.3	32.0	NNE
11:00 PM - 12:00 AM	0.6	54.0	NE	2.3	263.0	W	1.3	50.0	NE	1.2	69.0	ENE	0.5	35.0	NE	1.0	40.0	NE	4.9	27.0	NNE
12:00 AM - 01:00 AM	0.0	-	-	2.7	354.0	N	1.3	43.0	NE	1.5	115.0	ESE	0.6	40.0	NE	0.5	32.0	NNE	4.2	118.0	ESE
01:00 AM - 02:00 AM	1.2	91.0	E	2.5	320.0	NW	1.7	84.0	E	2.4	20.0	NNE	2.4	39.0	NE	2.1	13.0	NNE	2.4	187.0	S
02:00 AM - 03:00 AM	1.2	69.0	ENE	1.5	359.0	N	1.7	60.0	ENE	2.1	17.0	NNE	1.6	37.0	NE	1.4	30.0	NNE	2.6	107.0	ESE
03:00 AM - 04:00 AM	1.9	46.0	NE	1.9	64.0	ENE	2.3	24.0	NNE	1.4	359.0	N	1.6	30.0	NNE	1.4	2.0	N	4.9	45.0	NE
04:00 AM - 05:00 AM	2.1	45.0	NE	2.4	0.0	N	1.8	44.0	NE	2.2	101.0	E	2.4	22.0	NNE	2.9	246.0	WSW	1.2	46.0	NE
05:00 AM - 06:00 AM	1.8	88.0	E	2.2	341.0	NNW	3.0	60.0	ENE	1.8	150.0	SSE	3.4	330.0	NNW	3.0	344.0	NNW	1.3	42.0	NE
06:00 AM - 07:00 AM	2.3	83.0	E	2.1	146.0	SE	3.1	16.0	NNE	2.9	145.0	SE	2.1	68.0	ENE	2.8	49.0	NE	2.1	68.0	ENE
07:00 AM - 08:00 AM	1.9	38.0	NE	1.7	309.0	NW	3.8	262.0	W	2.4	40.0	NE	3.1	62.0	ENE	1.7	44.0	NE	1.6	65.0	ENE
08:00 AM - 09:00 AM	2.1	349.0	N	2.5	226.0	SW	4.2	121.0	ESE	4.1	304.0	NW	3.4	257.0	WSW	1.4	45.0	NE	2.1	305.0	NW

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 Jittranont
Assistant General Manager

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150

P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493189
Date Received :Oct 24, 2024
Date Reported :Oct 29, 2024
Report Number :3081836-1

Wind Rose



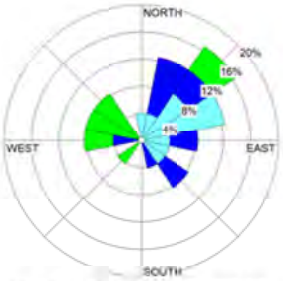
Date : Oct 16-17, 2024



Date : Oct 17-18, 2024



Date : Oct 18-19, 2024



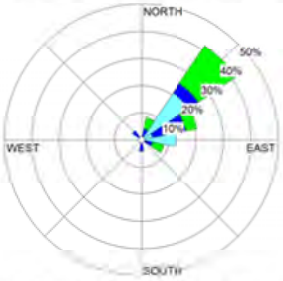
Date : Oct 19-20, 2024



Date : Oct 20-21, 2024



Date : Oct 21-22, 2024



Date : Oct 22-23, 2024



Date : Oct 16-23, 2024

WS (m/s)		%
	≥ 10.0	0.00
	8.0-10.0	0.00
	5.5-8.0	0.00
	3.3-5.5	19.05
	1.7-3.3	41.07
	0.3-1.7	36.31
	Calms	3.57

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Approved by

Sarayuth Jittranont
Assistant General Manager

คุณภาพอากาศจากปล่องระบาย

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493201
Date Received :Oct 17, 2024
Date Reported :Oct 25, 2024
Report Number :3081846-1

Sample Number	2493201-1
Sample Description	Emission from Stationary Source
Location	HRSG 1 (GPS 47P 0734939, 1411053)
Measurement Date	Oct 17, 2024

Stack Description

Ambient Temperature	30.6	°C	Diameter	3.40	m	Oxygen	14.51	%
Ambient Pressure	755	mmHg	Shape	Circle		Carbon dioxide	3.65	%
Type of Process	Combustion		Stack Temperature	175	°C	Gas Velocity	22.90	m/s
Type of Fuel	Natural Gas		Moisture	11.79	%	Flow Rate	436234	Nm3/hr

Run No.	Sampling Time	Oxygen (%)	Carbon Dioxide (%)	Oxides of Nitrogen (ppm)		Sulfur Dioxide (ppm)	
				at Actual O_2	at 7% O_2	at Actual O_2	at 7% O_2
1	10:30 AM - 10:50 AM	14.52	3.64	11.40	24.84	0.10	0.22
2	10:51 AM - 11:11 AM	14.51	3.65	10.95	23.82	0.10	0.21
3	11:12 AM - 11:32 AM	14.51	3.65	10.92	23.77	0.11	0.24
Average (ppm)		14.51	3.65	11.09	24.14	0.10	0.22
Guideline[1/](ppm)				-	35	-	-
Guideline[2/](ppm)				-	120	-	20
Result (mg/Nm^3)				20.87	45.42	0.27	0.59
Emission Rate at Actual O_2 (g/s)				2.5288		0.0327	
Guideline[1/](g/s)				6.73		-	
Method				US EPA Method 7E		US EPA Method 6C	

Sampled By : Saksit Phaisanphisut

Guideline : [1/]Environmental Impact Assessment Report of Global Power Synergy Public Company Limited (CUP 2)
[2/]Notification of the Ministry of Industry on determining pollutant contents in air emitted from electric power generation, transmission and distribution plant, 2004 (B.E. 2547), dated September, 2004 (B.E. 2547).

Technical Management

Wichan Choonharat
Manager
ทะเบียนเลขที่ ว-204-ค-0006

Approved by

Sarayuth Jittranont
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0003

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493203
Date Received :Oct 18, 2024
Date Reported :Oct 25, 2024
Report Number :3081848-1

Sample Number	2493203-1
Sample Description	Emission from Stationary Source
Location	HRSG 2 (GPS 47P 0734915, 1410987)
Measurement Date	Oct 18, 2024

Stack Description

Ambient Temperature	30.6	°C	Diameter	3.40	m	Oxygen	14.49	%
Ambient Pressure	755	mmHg	Shape	Circle		Carbon dioxide	3.67	%
Type of Process	Combustion		Stack Temperature	180	°C	Gas Velocity	25.16	m/s
Type of Fuel	Natural Gas		Moisture	12.14	%	Flow Rate	472039	Nm3/hr

Run No.	Sampling Time	Oxygen (%)	Carbon Dioxide (%)	Oxides of Nitrogen (ppm)		Sulfur Dioxide (ppm)	
				at Actual O_2	at 7% O_2	at Actual O_2	at 7% O_2
1	10:10 AM - 10:30 AM	14.50	3.67	13.52	29.35	0.14	0.31
2	10:31 AM - 10:51 AM	14.49	3.66	13.71	29.75	0.12	0.25
3	10:52 AM - 11:12 AM	14.49	3.67	13.92	30.16	0.12	0.26
Average (ppm)		14.49	3.67	13.72	29.75	0.13	0.27
Guideline[1/](ppm)				-	35	-	-
Guideline[2/](ppm)				-	120	-	20
Result (mg/Nm^3)				25.81	55.98	0.33	0.71
Emission Rate at Actual O_2 (g/s)				3.3837		0.0431	
Guideline[1/](g/s)				6.73		-	
Method				US EPA Method 7E		US EPA Method 6C	

Sampled By : Saksit Phaisanphisut

Guideline : [1/]Environmental Impact Assessment Report of Global Power Synergy Public Company Limited (CUP 2)
[2/]Notification of the Ministry of Industry on determining pollutant contents in air emitted from electric power generation, transmission and distribution plant, 2004 (B.E. 2547), dated September, 2004 (B.E. 2547).

Technical Management

Wichan Choonharat
Manager
ทะเบียนเลขที่ ว-204-ค-0006

Approved by

Sarayuth Jittranont
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0003

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493205
Date Received :Oct 21, 2024
Date Reported :Oct 25, 2024
Report Number :3081850-1

Sample Number	2493205-1
Sample Description	Emission from Stationary Source
Location	Auxilliary boiler (GPS 47P 0734926, 1410957)
Measurement Date	Oct 21, 2024

Stack Description

Ambient Temperature	31.6	°C	Diameter	1.50	m	Oxygen	4.47	%
Ambient Pressure	756.2	mmHg	Shape	Circle		Carbon dioxide	9.55	%
Type of Process	Combustion		Stack Temperature	130	°C	Gas Velocity	4.69	m/s
Type of Fuel	Natural Gas		Moisture	16.12	%	Flow Rate	18424	Nm3/hr

Run No.	Sampling Time	Oxygen (%)	Carbon Dioxide (%)	Oxides of Nitrogen (ppm)		Sulfur Dioxide (ppm)	
				at Actual O_2	at 7% O_2	at Actual O_2	at 7% O_2
1	11:40 AM - 12:00 PM	4.39	9.57	43.51	36.64	0.19	0.16
2	12:01 PM - 12:21 PM	4.53	9.52	44.06	37.41	0.20	0.17
3	12:22 PM - 12:42 PM	4.48	9.55	43.16	36.54	0.19	0.16
Average (ppm)		4.47	9.55	43.58	36.86	0.19	0.16
Guideline[1/](ppm)				-	50	-	-
Guideline[2/](ppm)				-	120	-	20
Result (mg/Nm^3)				81.99	69.36	0.50	0.42
Emission Rate at Actual O_2 (g/s)				0.4196		0.0026	
Guideline[1/](g/s)				1.56		-	
Method				US EPA Method 7E		US EPA Method 6C	

Sampled By : Saksit Phaisanphisut

Guideline : [1/]Environmental Impact Assessment Report of Global Power Synergy Public Company Limited (CUP 2)
[2/]Notification of the Ministry of Industry on determining pollutant contents in air emitted from electric power generation, transmission and distribution plant, 2004 (B.E. 2547), dated September, 2004 (B.E. 2547).

Technical Management
Wichan Choonharat
Manager
ทะเบียนเลขที่ ว-204-ค-0006

Approved by
Sarayuth Jittranont
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0003

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 from without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

คุณภาพอากาศในบริเวณการทำงาน

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Raycng Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493803
Date Received : Sep 27, 2024
Date Reported : Oct 10, 2024
Report Number : 3083079-1

Sample Number	2493803-1
Sampled Date	Sep 27, 2024
Sample Description	Air Quality
Location	HRSG 1
Date Analysis Commenced	Sep 28, 2024
Condition of Sample	Drawn into one amber plastic bottle, refrigerated
Barometric Pressure	755 mmHg
Atmospheric Temperature	32.5 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Ammonia	10:00 AM - 12:00 PM	ppm	-	0.10	<0.10	50	Based on Method of Air Sampling and Analysis, 401	MOL	Rayong

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
Sampled By : Saknarin Jaraskay

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by Orawan R.
Orawan Rakyong
Scientist (3)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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.

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493803
Date Received : Sep 27, 2024
Date Reported : Oct 10, 2024
Report Number : 3083079-1

Sample Number	2493803-2
Sampled Date	Sep 27, 2024
Sample Description	Air Quality
Location	HRSG 2
Date Analysis Commenced	Sep 28, 2024
Condition of Sample	Drawn into one amber plastic bottle, refrigerated
Barometric Pressure	755 mmHg
Atmospheric Temperature	32.5 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Ammonia	10:00 AM - 12:00 PM	ppm	-	0.10	<0.10	50	Based on Method of Air Sampling and Analysis, 401	MOL	Rayong

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
Sampled By : Saknarin Jaraskay

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by Orawan R.
Orawan Rakyong
Scientist (3)

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Raycng Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493803
Date Received : Sep 27, 2024
Date Reported : Oct 10, 2024
Report Number : 3083079-1

Sample Number	2493803-3
Sampled Date	Sep 27, 2024
Sample Description	Air Quality
Location	NH4OH Tank
Date Analysis Commenced	Sep 28, 2024
Condition of Sample	Drawn into one amber plastic bottle, refrigerated
Barometric Pressure	755 mmHg
Atmospheric Temperature	32.5 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Ammonia	10:00 AM - 12:00 PM	ppm	-	0.10	<0.10	50	Based on Method of Air Sampling and Analysis, 401	MOL	Rayong

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
Sampled By : Saknarin Jaraskay

Remark :
- LOD : Limit of Detection
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Approved by Orawan R.
Orawan Rakyong
Scientist (3)

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493803
Date Received : Sep 27, 2024
Date Reported : Oct 10, 2024
Report Number : 3083079-1

Sample Number	2493803-4
Sampled Date	Sep 27, 2024
Sample Description	Air Quality
Location	Cooling Tower
Date Analysis Commenced	Sep 30, 2024
Condition of Sample	Drawn into one amber plastic bottle, refrigerated
Barometric Pressure	755 mmHg
Atmospheric Temperature	32.5 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Chlorine	10:00 AM - 12:00 PM	ppm	-	0.10	<0.10	1(C)	Based on OSHA, ID 101	MOL	Bangkok

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
Sampled By : Saknarin Jaraskay

Remark :
- LOD : Limit of Detection
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Approved by Orawan R.
Orawan Rakyong
Scientist (3)

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Raycng Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493803
Date Received : Sep 27, 2024
Date Reported : Oct 10, 2024
Report Number : 3083079-1

Sample Number	2493803-5
Sampled Date	Sep 27, 2024
Sample Description	Air Quality
Location	RO Plant
Date Analysis Commenced	Sep 30, 2024
Condition of Sample	Drawn into one amber plastic bottle, refrigerated
Barometric Pressure	755 mmHg
Atmospheric Temperature	32.5 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Chlorine	10:00 AM - 12:00 PM	ppm	-	0.10	<0.10	1(C)	Based on OSHA, ID 101	MOL	Bangkok

Guideline :
MOL : Announcement of the Deparment of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
Sampled By : Saknarin Jaraskay

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by Orawan R.
Orawan Rakyong
Scientist (3)

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493803
Date Received : Sep 27, 2024
Date Reported : Oct 10, 2024
Report Number : 3083079-1

Sample Number	2493803-6
Sampled Date	Sep 27, 2024
Sample Description	Air Quality
Location	HCl Tank
Date Analysis Commenced	Sep 28, 2024
Condition of Sample	Drawn into one sorbent tube, refrigerated
Barometric Pressure	755 mmHg
Atmospheric Temperature	32.5 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Hydrogen chloride	10:00 AM - 12:00 PM	ppm	-	0.05	<0.05	5(C)	Based on OSHA, ID-174-SG	MOL	Bangkok

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
Sampled By : Saknarin Jaraskay

Remark :
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Orawan Rakyong
Scientist (3)

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Raycng Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493803
Date Received : Sep 27, 2024
Date Reported : Oct 10, 2024
Report Number : 3083079-1

Sample Number	2493803-7
Sampled Date	Sep 27, 2024
Sample Description	Air Quality
Location	NaOH Tank
Date Analysis Commenced	Oct 02, 2024
Condition of Sample	Drawn into one filter paper placed in plastic cassette
Barometric Pressure	755 mmHg
Atmospheric Temperature	32.5 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Sodium hydroxide as NaOH	10:00 AM -12:00 PM	mg/m3	-	0.05	<0.05	2	NIOSH (1994), 7401	MOL	Rayong

Guideline :
MOL : Announcement of the Deparment of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substarces Dated August 3, B.E. 2560 (2017)
Sampled By : Saknarin Jaraskay

Remark :
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Approved by Orawan R.
Orawan Rakyong
Scientist (3)

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493803
Date Received : Sep 27, 2024
Date Reported : Oct 10, 2024
Report Number : 3083079-1

Sample Number	2493803-8
Sampled Date	Sep 27, 2024
Sample Description	Air Quality
Location	H2SO4 Tank
Date Analysis Commenced	Sep 28, 2024
Condition of Sample	Drawn into one sorbent tube, refrigerated
Barometric Pressure	755 mmHg
Atmospheric Temperature	32.5 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Sulfuric acid	10:00 AM - 12:00 PM	mg/m3	-	0.05	<0.05	1	Based on OSHA, ID-174-SG	MOL	Bangkok

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
Sampled By : Saknarin Jaraskay

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by Orawan R.
Orawan Rakyong
Scientist (3)

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ระดับเสียงโดยทั่วไป

Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493191
Date Received : Oct 24, 2024
Date Reported : Oct 26, 2024
Report Number: 3148357-1

Sample Number	2493191-1
Parameter	Noise (Leq 24 hrs.)
Location	ริมรั้วด้านทางเข้าโรงงาน (GPS 47P 0734819, 1411045)
Measurement Date	Oct 16 - Oct 17, 2024
Measurement by	Satcha Phetsawaeng
Sound Level meter	Serial No. 873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	61.5	72.3	60.9
09:00 AM - 10:00 AM	60.9	83.5	60.1
10:00 AM - 11:00 AM	61.9	71.5	61.1
11:00 AM - 12:00 PM	63.5	86.2	61.9
12:00 PM - 01:00 PM	62.2	71.3	61.7
01:00 PM - 02:00 PM	62.4	76.6	61.8
02:00 PM - 03:00 PM	62.4	84.9	61.7
03:00 PM - 04:00 PM	63.3	75.2	62.8
04:00 PM - 05:00 PM	63.1	73.3	62.6
05:00 PM - 06:00 PM	63.2	66.8	62.6
06:00 PM - 07:00 PM	63.6	68.1	63.0
07:00 PM - 08:00 PM	62.7	70.8	62.1
08:00 PM - 09:00 PM	62.6	69.1	62.1
09:00 PM - 10:00 PM	62.9	70.5	62.4
10:00 PM - 11:00 PM	62.6	68.8	62.1
11:00 PM - 12:00 AM	62.1	68.1	61.6
12:00 AM - 01:00 AM	62.2	67.5	61.7
01:00 AM - 02:00 AM	62.5	71.4	61.9
02:00 AM - 03:00 AM	62.3	69.1	61.7
03:00 AM - 04:00 AM	61.9	66.6	61.4
04:00 AM - 05:00 AM	62.3	72.1	61.7
05:00 AM - 06:00 AM	62.1	69.5	61.6
06:00 AM - 07:00 AM	61.4	70.3	60.8
07:00 AM - 08:00 AM	61.3	67.1	60.8
Leq Average 24 hrs. (dB(A))	62.4		
Lmax (dB(A))		86.2	
L90 (dB(A))			61.7
Ldn (dB(A))	68.6		
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
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management
Chonticha Subongkoch
Scientist (3)

Approved by
Supot Salamteh
Section Head

Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493191
Date Received : Oct 24, 2024
Date Reported : Oct 26, 2024
Report Number: 3148358-1

Sample Number	2493191-2
Parameter	Noise (Leq 24 hrs.)
Location	ริมรั้วด้านทางเข้าโรงงาน (GPS 47P 0734819, 1411045)
Measurement Date	Oct 17 - Oct 18, 2024
Measurement by	Satcha Phetsawaeng
Sound Level meter	Serial No. 873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	61.3	84.4	60.6
09:00 AM - 10:00 AM	60.6	72.0	60.0
10:00 AM - 11:00 AM	61.4	68.9	60.8
11:00 AM - 12:00 PM	61.8	89.3	60.9
12:00 PM - 01:00 PM	61.0	67.7	60.3
01:00 PM - 02:00 PM	60.5	66.9	59.8
02:00 PM - 03:00 PM	60.5	71.0	59.9
03:00 PM - 04:00 PM	61.5	72.2	60.9
04:00 PM - 05:00 PM	61.9	70.3	61.4
05:00 PM - 06:00 PM	62.0	68.1	61.5
06:00 PM - 07:00 PM	61.9	72.2	61.4
07:00 PM - 08:00 PM	62.1	65.7	61.7
08:00 PM - 09:00 PM	62.0	66.2	61.5
09:00 PM - 10:00 PM	61.8	67.9	61.4
10:00 PM - 11:00 PM	61.9	67.8	61.5
11:00 PM - 12:00 AM	61.7	64.3	61.3
12:00 AM - 01:00 AM	62.3	72.5	61.8
01:00 AM - 02:00 AM	62.0	66.8	61.7
02:00 AM - 03:00 AM	61.8	63.4	61.5
03:00 AM - 04:00 AM	61.9	65.3	61.5
04:00 AM - 05:00 AM	62.5	72.0	62.0
05:00 AM - 06:00 AM	62.2	70.9	61.6
06:00 AM - 07:00 AM	61.7	79.4	60.9
07:00 AM - 08:00 AM	61.1	69.1	60.6
Leq Average 24 hrs. (dB(A))	61.7		
Lmax (dB(A))		89.3	
L90 (dB(A))			61.4
Ldn (dB(A))	68.4		
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
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management
Chonticha Subongkoch
Scientist (3)

Approved by
Supot Salamteh
Section Head

Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493191
Date Received : Oct 24, 2024
Date Reported : Oct 26, 2024
Report Number: 3148359-1

Sample Number	2493191-3
Parameter	Noise (Leq 24 hrs.)
Location	ริมรั้วด้านทางเข้าโรงงาน (GPS 47P 0734819, 1411045)
Measurement Date	Oct 18 - Oct 19, 2024
Measurement by	Satcha Phetsawaeng
Sound Level meter	Serial No. 873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	61.3	72.4	60.8
09:00 AM - 10:00 AM	61.5	70.1	61.0
10:00 AM - 11:00 AM	62.0	76.0	61.3
11:00 AM - 12:00 PM	62.1	73.6	61.2
12:00 PM - 01:00 PM	63.6	89.2	62.6
01:00 PM - 02:00 PM	63.2	85.7	62.4
02:00 PM - 03:00 PM	62.6	71.4	62.2
03:00 PM - 04:00 PM	62.9	76.3	62.4
04:00 PM - 05:00 PM	62.3	68.6	61.8
05:00 PM - 06:00 PM	62.7	71.2	62.1
06:00 PM - 07:00 PM	62.6	71.4	62.1
07:00 PM - 08:00 PM	62.3	70.3	61.9
08:00 PM - 09:00 PM	62.5	70.9	62.0
09:00 PM - 10:00 PM	62.1	68.0	61.7
10:00 PM - 11:00 PM	62.1	70.5	61.5
11:00 PM - 12:00 AM	61.7	70.3	61.1
12:00 AM - 01:00 AM	62.3	72.1	61.3
01:00 AM - 02:00 AM	62.3	73.1	61.1
02:00 AM - 03:00 AM	62.9	74.2	61.3
03:00 AM - 04:00 AM	61.8	68.9	61.4
04:00 AM - 05:00 AM	61.4	69.1	60.9
05:00 AM - 06:00 AM	61.8	66.0	61.4
06:00 AM - 07:00 AM	61.5	73.5	61.0
07:00 AM - 08:00 AM	61.3	70.1	60.7
Leq Average 24 hrs. (dB(A))	62.2		
Lmax (dB(A))		89.2	
L90 (dB(A))			61.4
Ldn (dB(A))	68.5		
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
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management
Chonticha Subongkoch
Scientist (3)

Approved by
Supot Salamteh
Section Head

Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493191
Date Received : Oct 24, 2024
Date Reported : Oct 26, 2024
Report Number: 3148360-1

Sample Number	2493191-4
Parameter	Noise (Leq 24 hrs.)
Location	ริมรั้วด้านทางเข้าโรงงาน (GPS 47P 0734819, 1411045)
Measurement Date	Oct 19 - Oct 20, 2024
Measurement by	Satcha Phetsawaeng
Sound Level meter	Serial No. 873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	61.2	70.0	60.5
09:00 AM - 10:00 AM	61.2	72.0	60.4
10:00 AM - 11:00 AM	61.1	71.0	60.5
11:00 AM - 12:00 PM	64.4	87.4	62.1
12:00 PM - 01:00 PM	62.7	84.0	62.0
01:00 PM - 02:00 PM	62.7	78.2	62.0
02:00 PM - 03:00 PM	62.6	75.7	62.1
03:00 PM - 04:00 PM	62.9	70.5	62.4
04:00 PM - 05:00 PM	63.1	69.7	62.5
05:00 PM - 06:00 PM	62.4	67.4	61.9
06:00 PM - 07:00 PM	62.4	68.1	61.9
07:00 PM - 08:00 PM	62.2	67.8	61.7
08:00 PM - 09:00 PM	62.7	70.9	62.1
09:00 PM - 10:00 PM	62.5	70.5	62.0
10:00 PM - 11:00 PM	62.3	75.8	61.7
11:00 PM - 12:00 AM	61.9	71.0	61.5
12:00 AM - 01:00 AM	62.1	69.8	61.7
01:00 AM - 02:00 AM	62.3	69.8	61.7
02:00 AM - 03:00 AM	62.4	69.3	61.9
03:00 AM - 04:00 AM	61.8	64.1	61.4
04:00 AM - 05:00 AM	61.6	70.9	61.1
05:00 AM - 06:00 AM	61.6	77.6	61.1
06:00 AM - 07:00 AM	63.1	75.0	62.4
07:00 AM - 08:00 AM	64.3	76.6	63.5
Leq Average 24 hrs. (dB(A))	62.5		
Lmax (dB(A))		87.4	
L90 (dB(A))			61.9
Ldn (dB(A))	68.6		
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
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management
Chonticha Subongkoch
Scientist (3)

Approved by
Supot Salamteh
Section Head

Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493191
Date Received : Oct 24, 2024
Date Reported : Oct 26, 2024
Report Number: 3148361-1

Sample Number	2493191-5
Parameter	Noise (Leq 24 hrs.)
Location	ริมรั้วด้านทางเข้าโรงงาน (GPS 47P 0734819, 1411045)
Measurement Date	Oct 20 - Oct 21, 2024
Measurement by	Satcha Phetsawaeng
Sound Level meter	Serial No. 873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	61.8	68.2	61.2
09:00 AM - 10:00 AM	62.0	85.4	61.1
10:00 AM - 11:00 AM	61.7	66.0	61.1
11:00 AM - 12:00 PM	61.3	66.6	60.6
12:00 PM - 01:00 PM	61.2	66.1	60.5
01:00 PM - 02:00 PM	61.5	66.6	60.9
02:00 PM - 03:00 PM	62.3	72.7	61.7
03:00 PM - 04:00 PM	62.2	73.7	61.7
04:00 PM - 05:00 PM	62.5	66.8	62.0
05:00 PM - 06:00 PM	62.3	67.1	61.8
06:00 PM - 07:00 PM	61.8	75.3	61.3
07:00 PM - 08:00 PM	62.0	68.1	61.5
08:00 PM - 09:00 PM	61.8	68.8	61.2
09:00 PM - 10:00 PM	61.8	69.7	61.3
10:00 PM - 11:00 PM	61.6	67.4	61.2
11:00 PM - 12:00 AM	61.6	70.1	61.1
12:00 AM - 01:00 AM	61.5	64.0	61.1
01:00 AM - 02:00 AM	61.7	65.9	61.3
02:00 AM - 03:00 AM	61.7	63.1	61.3
03:00 AM - 04:00 AM	61.8	65.3	61.5
04:00 AM - 05:00 AM	62.3	70.3	61.9
05:00 AM - 06:00 AM	61.7	73.0	61.2
06:00 AM - 07:00 AM	61.2	67.1	60.6
07:00 AM - 08:00 AM	60.7	74.4	60.0
Leq Average 24 hrs. (dB(A))	61.8		
Lmax (dB(A))		85.4	
L90 (dB(A))			61.2
Ldn (dB(A))	68.1		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
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Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management
Chonticha Subongkoch
Scientist (3)

Approved by
Supot Salamteh
Section Head

Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493191
Date Received : Oct 24, 2024
Date Reported : Oct 26, 2024
Report Number: 3148362-1

Sample Number	2493191-6
Parameter	Noise (Leq 24 hrs.)
Location	ริมรั้วด้านทางเข้าโรงงาน (GPS 47P 0734819, 1411045)
Measurement Date	Oct 21 - Oct 22, 2024
Measurement by	Satcha Phetsawaeng
Sound Level meter	Serial No. 873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	60.9	72.9	60.3
09:00 AM - 10:00 AM	61.1	67.8	60.4
10:00 AM - 11:00 AM	60.3	69.1	59.7
11:00 AM - 12:00 PM	60.5	71.6	59.8
12:00 PM - 01:00 PM	60.7	70.0	60.0
01:00 PM - 02:00 PM	61.0	69.2	60.4
02:00 PM - 03:00 PM	61.3	71.2	60.7
03:00 PM - 04:00 PM	61.7	75.3	61.1
04:00 PM - 05:00 PM	61.6	73.8	61.1
05:00 PM - 06:00 PM	62.1	73.0	61.6
06:00 PM - 07:00 PM	62.0	65.4	61.6
07:00 PM - 08:00 PM	61.6	67.6	61.2
08:00 PM - 09:00 PM	62.1	68.0	61.7
09:00 PM - 10:00 PM	62.4	67.0	62.1
10:00 PM - 11:00 PM	62.3	66.3	61.9
11:00 PM - 12:00 AM	62.0	67.7	61.7
12:00 AM - 01:00 AM	62.2	63.7	61.8
01:00 AM - 02:00 AM	62.0	64.0	61.7
02:00 AM - 03:00 AM	62.0	63.6	61.7
03:00 AM - 04:00 AM	62.0	64.8	61.6
04:00 AM - 05:00 AM	62.7	82.7	62.1
05:00 AM - 06:00 AM	62.5	70.0	61.8
06:00 AM - 07:00 AM	61.4	67.3	60.7
07:00 AM - 08:00 AM	60.5	66.3	59.9
Leq Average 24 hrs. (dB(A))	61.7		
Lmax (dB(A))		82.7	
L90 (dB(A))			61.2
Ldn (dB(A))	68.4		
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

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management
Chonticha Subongkoch
Scientist (3)

Approved by
Supot Salamteh
Section Head

Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493191
Date Received : Oct 24, 2024
Date Reported : Oct 26, 2024
Report Number: 3148363-1

Sample Number	2493191-7
Parameter	Noise (Leq 24 hrs.)
Location	ริมรั้วด้านทางเข้าโรงงาน (GPS 47P 0734819, 1411045)
Measurement Date	Oct 22 - Oct 23, 2024
Measurement by	Satcha Phetsawaeng
Sound Level meter	Serial No. 873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	59.9	68.4	59.2
09:00 AM - 10:00 AM	60.2	68.1	59.6
10:00 AM - 11:00 AM	60.1	67.4	59.5
11:00 AM - 12:00 PM	64.7	89.5	62.5
12:00 PM - 01:00 PM	63.7	85.9	62.9
01:00 PM - 02:00 PM	63.4	71.8	62.8
02:00 PM - 03:00 PM	62.8	85.7	62.1
03:00 PM - 04:00 PM	63.1	73.4	62.6
04:00 PM - 05:00 PM	62.5	74.8	62.0
05:00 PM - 06:00 PM	62.1	66.7	61.7
06:00 PM - 07:00 PM	62.3	73.5	61.8
07:00 PM - 08:00 PM	62.1	65.0	61.7
08:00 PM - 09:00 PM	62.1	67.7	61.6
09:00 PM - 10:00 PM	62.0	64.8	61.6
10:00 PM - 11:00 PM	61.9	66.2	61.5
11:00 PM - 12:00 AM	61.9	67.0	61.6
12:00 AM - 01:00 AM	61.6	64.5	61.3
01:00 AM - 02:00 AM	61.5	71.4	61.1
02:00 AM - 03:00 AM	61.4	65.8	60.9
03:00 AM - 04:00 AM	61.1	62.9	60.7
04:00 AM - 05:00 AM	61.4	73.6	60.8
05:00 AM - 06:00 AM	61.6	69.5	60.9
06:00 AM - 07:00 AM	61.1	72.4	60.5
07:00 AM - 08:00 AM	61.1	67.6	60.4
Leq Average 24 hrs. (dB(A))	62.0		
Lmax (dB(A))		89.5	
L90 (dB(A))			61.5
Ldn (dB(A))	68.1		
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
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management
Chonticha Subongkoch
Scientist (3)

Approved by
Supot Salamteh
Section Head

ระดับเสียงในบริเวณการทำงาน

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493212
Date Received : Sep 27, 2024
Date Reported : Oct 02, 2024
Report Number: 3127539-1

Sample Number 2493212-1
Parameter Noise (Leq 8 hrs.)
Location HRSG#1
Measurement Date Sep 26, 2024
Measurement by Saknarin Jaraskay

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:59 AM - 10:59 AM	81.1	83.3	80.9
10:59 AM - 11:59 AM	81.1	81.8	80.8
11:59 AM - 12:59 PM	81.0	84.7	80.8
12:59 PM - 01:59 PM	81.4	92.3	80.9
01:59 PM - 02:59 PM	81.8	99.6	81.3
02:59 PM - 03:59 PM	81.5	93.5	81.2
03:59 PM - 04:59 PM	81.5	82.2	81.2
04:59 PM - 05:59 PM	81.4	82.2	81.1
Leq Average 8 hrs. (dB(A))	81.4		
Lmax (dB(A))		99.6	
Standard (dB(A))	90	140	

Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493212
Date Received : Sep 27, 2024
Date Reported : Oct 02, 2024
Report Number: 3127540-1

Sample Number 2493212-2
Parameter Noise (Leq 8 hrs.)
Location HRSG#2
Measurement Date Sep 26, 2024
Measurement by Saknarin Jaraskay

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:22 AM - 11:22 AM	81.7	95.2	81.0
11:22 AM - 12:22 PM	81.3	92.4	81.0
12:22 PM - 01:22 PM	81.3	94.8	80.9
01:22 PM - 02:22 PM	81.1	92.9	80.6
02:22 PM - 03:22 PM	81.1	91.2	80.6
03:22 PM - 04:22 PM	81.5	92.9	80.8
04:22 PM - 05:22 PM	80.9	81.7	80.8
05:22 PM - 06:22 PM	80.9	83.4	80.7
Leq Average 8 hrs. (dB(A))	81.2		
Lmax (dB(A))		95.2	
Standard (dB(A))	90	140	

Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493212
Date Received : Sep 27, 2024
Date Reported : Oct 02, 2024
Report Number: 3127541-1

Sample Number	2493212-3
Parameter	Noise (Leq 8 hrs.)
Location	GTG#1
Measurement Date	Sep 26, 2024
Measurement by	Saknarin Jaraskay

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:54 AM - 10:54 AM	68.9	73.5	68.2
10:54 AM - 11:54 AM	70.2	72.1	69.6
11:54 AM - 12:54 PM	75.6	76.6	73.3
12:54 PM - 01:54 PM	76.7	92.1	75.8
01:54 PM - 02:54 PM	77.9	100.5	76.7
02:54 PM - 03:54 PM	76.7	85.9	76.5
03:54 PM - 04:54 PM	76.9	78.0	76.7
04:54 PM - 05:54 PM	76.7	77.6	76.5
Leq Average 8 hrs. (dB(A))	75.8		
Lmax (dB(A))		100.5	
Standard (dB(A))	90	140	

Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493212
Date Received : Sep 27, 2024
Date Reported : Oct 02, 2024
Report Number: 3127542-1

Sample Number	2493212-4
Parameter	Noise (Leq 8 hrs.)
Location	GTG#2
Measurement Date	Sep 26, 2024
Measurement by	Saknarin Jaraskay

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:18 AM - 11:18 AM	79.2	85.8	79.1
11:18 AM - 12:18 PM	79.0	79.8	78.9
12:18 PM - 01:18 PM	79.1	79.7	78.9
01:18 PM - 02:18 PM	79.7	90.4	79.0
02:18 PM - 03:18 PM	80.2	99.3	79.7
03:18 PM - 04:18 PM	79.8	81.6	79.6
04:18 PM - 05:18 PM	79.7	80.4	79.5
05:18 PM - 06:18 PM	79.7	80.3	79.5
Leq Average 8 hrs. (dB(A))	79.5		
Lmax (dB(A))		99.3	
Standard (dB(A))	90	140	

Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

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6403-71/ EMAIL S:\Reports_Air Noise.rpt (4:09PM)

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493212
Date Received : Sep 27, 2024
Date Reported : Oct 02, 2024
Report Number: 3127543-1

Sample Number 2493212-5
Parameter Noise (Leq 8 hrs.)
Location STG#1
Measurement Date Sep 26, 2024
Measurement by Saknarin Jaraskay

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:48 AM - 10:48 AM	80.9	92.7	80.2
10:48 AM - 11:48 AM	80.6	90.3	80.2
11:48 AM - 12:48 PM	80.4	81.3	80.2
12:48 PM - 01:48 PM	81.4	92.9	80.2
01:48 PM - 02:48 PM	81.8	96.9	81.1
02:48 PM - 03:48 PM	81.9	106.4	80.6
03:48 PM - 04:48 PM	82.2	98.7	80.6
04:48 PM - 05:48 PM	81.4	94.7	80.6
Leq Average 8 hrs. (dB(A))	81.4		
Lmax (dB(A))		106.4	
Standard (dB(A))	90	140	

Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493212
Date Received : Sep 27, 2024
Date Reported : Oct 02, 2024
Report Number: 3127544-1

Sample Number 2493212-6
Parameter Noise (Leq 8 hrs.)
Location Air Compressor
Measurement Date Sep 26, 2024
Measurement by Saknarin Jaraskay

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:11 AM - 11:11 AM	80.9	89.4	77.4
11:11 AM - 12:11 PM	81.7	89.4	77.9
12:11 PM - 01:11 PM	80.5	89.4	77.9
01:11 PM - 02:11 PM	81.9	89.2	78.6
02:11 PM - 03:11 PM	82.4	93.7	77.5
03:11 PM - 04:11 PM	79.4	89.0	77.7
04:11 PM - 05:11 PM	81.5	89.2	76.7
05:11 PM - 06:11 PM	81.6	89.3	77.9
Leq Average 8 hrs. (dB(A))	81.3		
Lmax (dB(A))		93.7	
Standard (dB(A))	90	140	

Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493212
Date Received : Sep 27, 2024
Date Reported : Oct 02, 2024
Report Number: 3127545-1

Sample Number	2493212-7
Parameter	Noise (Leq 8 hrs.)
Location	Cooling Tower
Measurement Date	Sep 26, 2024
Measurement by	Saknarin Jaraskay

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:07 AM - 11:07 AM	84.1	85.1	83.6
11:07 AM - 12:07 PM	84.1	85.5	83.6
12:07 PM - 01:07 PM	84.4	85.2	84.2
01:07 PM - 02:07 PM	84.3	89.3	83.8
02:07 PM - 03:07 PM	84.7	98.9	84.5
03:07 PM - 04:07 PM	84.5	88.8	84.0
04:07 PM - 05:07 PM	84.6	85.2	84.4
05:07 PM - 06:07 PM	84.7	85.5	84.5
Leq Average 8 hrs. (dB(A))	84.4		
Lmax (dB(A))		98.9	
Standard (dB(A))	90	140	

Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

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Supot Salamteh
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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493212
Date Received : Sep 27, 2024
Date Reported : Oct 02, 2024
Report Number: 3127546-1

Sample Number	2493212-8
Parameter	Noise (Leq 8 hrs.)
Location	Auxiliary Boiler
Measurement Date	Sep 26, 2024
Measurement by	Saknarin Jaraskay

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:15 AM - 11:15 AM	82.9	85.3	82.5
11:15 AM - 12:15 PM	82.8	83.8	82.3
12:15 PM - 01:15 PM	83.0	83.5	82.8
01:15 PM - 02:15 PM	83.5	90.7	82.8
02:15 PM - 03:15 PM	83.9	97.0	83.7
03:15 PM - 04:15 PM	84.0	85.5	83.7
04:15 PM - 05:15 PM	84.2	84.7	84.0
05:15 PM - 06:15 PM	84.2	84.7	84.0
Leq Average 8 hrs. (dB(A))	83.5		
Lmax (dB(A))		97.0	
Standard (dB(A))	90	140	

Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114754
Date Received : Nov 21, 2024
Date Reported : Nov 27, 2024
Report Number: 3177651-1

Sample Number 24114754-1
Parameter Noise (Leq 8 hrs.)
Location HRSG#1
Measurement Date Nov 19, 2024
Measurement by Nattakarn Vonginyoo

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:11 AM - 10:11 AM	81.9	84.0	81.6
10:11 AM - 11:11 AM	82.0	83.2	81.6
11:11 AM - 12:11 PM	81.9	83.7	81.6
12:11 PM - 01:11 PM	81.8	82.9	81.6
01:11 PM - 02:11 PM	81.9	84.5	81.6
02:11 PM - 03:11 PM	81.9	83.3	81.6
03:11 PM - 04:11 PM	81.8	83.4	81.5
04:11 PM - 05:11 PM	81.8	82.9	81.5
Leq Average 8 hrs. (dB(A))	81.9		
Lmax (dB(A))		84.5	
Standard (dB(A))	90	140	

Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

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P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114754
Date Received : Nov 21, 2024
Date Reported : Nov 27, 2024
Report Number: 3177652-1

Sample Number 24114754-2
Parameter Noise (Leq 8 hrs.)
Location HRSG#2
Measurement Date Nov 20, 2024
Measurement by Nattakarn Vonginyoo

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:11 AM - 10:11 AM	82.4	84.0	82.2
10:11 AM - 11:11 AM	82.5	83.4	82.2
11:11 AM - 12:11 PM	82.4	83.6	82.1
12:11 PM - 01:11 PM	82.2	83.3	82.0
01:11 PM - 02:11 PM	82.1	83.2	81.9
02:11 PM - 03:11 PM	82.1	83.4	81.8
03:11 PM - 04:11 PM	82.2	83.3	81.9
04:11 PM - 05:11 PM	82.4	83.5	82.1
Leq Average 8 hrs. (dB(A))	82.3		
Lmax (dB(A))		84.0	
Standard (dB(A))	90	140	

Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114754
Date Received : Nov 21, 2024
Date Reported : Nov 27, 2024
Report Number: 3177653-1

Sample Number 24114754-3
Parameter Noise (Leq 8 hrs.)
Location GTG#1
Measurement Date Nov 19, 2024
Measurement by Nattakarn Vonginyoo

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:06 AM - 10:06 AM	80.0	111.3	78.9
10:06 AM - 11:06 AM	79.0	81.2	78.6
11:06 AM - 12:06 PM	79.0	81.2	78.6
12:06 PM - 01:06 PM	78.9	81.2	78.5
01:06 PM - 02:06 PM	78.9	81.1	78.5
02:06 PM - 03:06 PM	78.9	81.4	78.5
03:06 PM - 04:06 PM	79.0	80.6	78.7
04:06 PM - 05:06 PM	79.1	80.8	78.8
Leq Average 8 hrs. (dB(A))	79.1		
Lmax (dB(A))		111.3	
Standard (dB(A))	90	140	

Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114754
Date Received : Nov 21, 2024
Date Reported : Nov 27, 2024
Report Number: 3177654-1

Sample Number 24114754-4
Parameter Noise (Leq 8 hrs.)
Location GTG#2
Measurement Date Nov 20, 2024
Measurement by Nattakarn Vonginyoo

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:24 AM - 10:24 AM	80.1	83.0	79.7
10:24 AM - 11:24 AM	79.8	83.9	79.4
11:24 AM - 12:24 PM	79.7	81.9	79.3
12:24 PM - 01:24 PM	79.6	82.5	79.1
01:24 PM - 02:24 PM	79.6	82.3	79.1
02:24 PM - 03:24 PM	79.6	82.4	79.1
03:24 PM - 04:24 PM	79.7	82.5	79.1
04:24 PM - 05:24 PM	79.8	82.6	79.3
Leq Average 8 hrs. (dB(A))	79.7		
Lmax (dB(A))		83.9	
Standard (dB(A))	90	140	

Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

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Analysis / Test Report

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P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114754
Date Received : Nov 21, 2024
Date Reported : Nov 27, 2024
Report Number: 3177655-1

Sample Number 24114754-5
Parameter Noise (Leq 8 hrs.)
Location STG#1
Measurement Date Nov 19, 2024
Measurement by Nattakarn Vonginyoo

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:17 AM - 10:17 AM	82.8	95.4	82.5
10:17 AM - 11:17 AM	82.6	83.7	82.4
11:17 AM - 12:17 PM	82.4	83.2	82.2
12:17 PM - 01:17 PM	82.3	83.7	82.1
01:17 PM - 02:17 PM	82.2	83.0	82.0
02:17 PM - 03:17 PM	82.2	83.6	81.9
03:17 PM - 04:17 PM	82.4	83.1	82.1
04:17 PM - 05:17 PM	82.6	84.0	82.3
Leq Average 8 hrs. (dB(A))	82.4		
Lmax (dB(A))		95.4	
Standard (dB(A))	90	140	

Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

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P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114754
Date Received : Nov 21, 2024
Date Reported : Nov 27, 2024
Report Number: 3177656-1

Sample Number 24114754-6
Parameter Noise (Leq 8 hrs.)
Location Air Compressor
Measurement Date Nov 20, 2024
Measurement by Nattakarn Vonginyoo

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:23 AM - 10:23 AM	78.6	83.9	77.8
10:23 AM - 11:23 AM	80.5	84.6	77.8
11:23 AM - 12:23 PM	79.2	84.7	77.9
12:23 PM - 01:23 PM	78.5	79.9	77.6
01:23 PM - 02:23 PM	78.8	84.3	77.5
02:23 PM - 03:23 PM	80.6	84.7	77.7
03:23 PM - 04:23 PM	79.9	84.2	78.0
04:23 PM - 05:23 PM	79.9	85.1	78.0
Leq Average 8 hrs. (dB(A))	79.5		
Lmax (dB(A))		85.1	
Standard (dB(A))	90	140	

Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

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Analysis / Test Report

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P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114754
Date Received : Nov 21, 2024
Date Reported : Nov 27, 2024
Report Number: 3177657-1

Sample Number 24114754-7
Parameter Noise (Leq 8 hrs.)
Location Cooling Tower
Measurement Date Nov 19, 2024
Measurement by Nattakarn Vonginyoo

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:36 AM - 10:36 AM	76.6	84.5	56.5
10:36 AM - 11:36 AM	80.1	86.5	79.6
11:36 AM - 12:36 PM	79.6	85.2	72.2
12:36 PM - 01:36 PM	65.8	80.4	49.1
01:36 PM - 02:36 PM	79.9	92.0	78.3
02:36 PM - 03:36 PM	72.9	86.7	50.0
03:36 PM - 04:36 PM	79.7	87.6	59.6
04:36 PM - 05:36 PM	75.9	90.5	59.2
Leq Average 8 hrs. (dB(A))	77.9		
Lmax (dB(A))		92.0	
Standard (dB(A))	90	140	

Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

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P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114754
Date Received : Nov 21, 2024
Date Reported : Nov 27, 2024
Report Number: 3177658-1

Sample Number 24114754-8
Parameter Noise (Leq 8 hrs.)
Location Auxiliary Boiler
Measurement Date Nov 20, 2024
Measurement by Nattakarn Vonginyoo

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:15 AM - 10:15 AM	84.3	84.8	84.1
10:15 AM - 11:15 AM	84.3	84.8	84.1
11:15 AM - 12:15 PM	84.3	84.8	84.1
12:15 PM - 01:15 PM	84.2	84.8	84.0
01:15 PM - 02:15 PM	84.1	84.6	84.0
02:15 PM - 03:15 PM	84.1	84.7	84.0
03:15 PM - 04:15 PM	84.2	84.6	84.0
04:15 PM - 05:15 PM	84.3	84.8	84.1
Leq Average 8 hrs. (dB(A))	84.2		
Lmax (dB(A))		84.8	
Standard (dB(A))	90	140	

Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466191
Date Received : Jul 09, 2024
Date Reported : Jul 16, 2024
Report Number : 3020321-1

Sample Number	2466191-1
Sampled Date	Jul 09, 2024 9:13 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
Residual Free Chlorine *	mg/L	-	0.1	0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	684	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	2.8	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ก-9461 , Nachakorn Hansa ทะเบียนเลขที่ ว-204-ก-0187

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 Chontichak
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ก-9449

Approved by Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-9442

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Analysis / Test Report

TESTING
No.0009

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466191
Date Received : Jul 09, 2024
Date Reported : Jul 16, 2024
Report Number : 3020321-2

Sample Number	2466191-1
Sampled Date	Jul 09, 2024 9:13 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 10, 2024
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.002	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ก-9461 , Nachakorn Hansa ทะเบียนเลขที่ ว-204-ก-0187

Remark :
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Sawitree N.
Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-ก-0007

Approved by Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report

TESTING
No.0009

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466191
Date Received : Jul 09, 2024
Date Reported : Jul 16, 2024
Report Number : 3020321-3

Sample Number	2466191-1
Sampled Date	Jul 09, 2024 9:13 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 10, 2024
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.03	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Nitrate as N *	mg/L	0.015	0.05	1.37	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai , Nachakorn Hansa

Remark :
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Approved by Sawitree N.
Sawitree Noisangiam
Manager

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466194
Date Received : Jul 01, 2024
Date Reported : Jul 03, 2024
Report Number : 3020335-1

Sample Number	2466194-1
Sampled Date	Jul 01, 2024 9:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 01, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.1	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		33.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow

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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466194
Date Received : Jul 01, 2024
Date Reported : Jul 03, 2024
Report Number : 3020335-2

Sample Number 2466194-1
Sampled Date Jul 01, 2024 9:40 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 01, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Wanlop Hunchainaow

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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466195
Date Received : Jul 02, 2024
Date Reported : Jul 05, 2024
Report Number : 3020337-1

Sample Number 2466195-1
Sampled Date Jul 02, 2024 10:00 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 02, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ก-9476

Remark :
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Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ก-9449

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466195
Date Received : Jul 02, 2024
Date Reported : Jul 05, 2024
Report Number : 3020337-2

Sample Number 2466195-1
Sampled Date Jul 02, 2024 10:00 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 02, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

Remark :
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Approved by Chontichak
Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466196
Date Received : Jul 03, 2024
Date Reported : Jul 05, 2024
Report Number : 3020338-1

Sample Number 2466196-1
Sampled Date Jul 03, 2024 9:17 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 03, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		33.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Suphanat Sakulki ทะเบียนเลขที่ ว-323-ก-0021

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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466196
Date Received : Jul 03, 2024
Date Reported : Jul 05, 2024
Report Number : 3020338-2

Sample Number 2466196-1
Sampled Date Jul 03, 2024 9:17 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 03, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Suphanat Sakulk

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466197
Date Received : Jul 04, 2024
Date Reported : Jul 08, 2024
Report Number : 3020339-1

Sample Number 2466197-1
Sampled Date Jul 04, 2024 9:00 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 04, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-9461

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466197
Date Received : Jul 04, 2024
Date Reported : Jul 08, 2024
Report Number : 3020339-2

Sample Number 2466197-1
Sampled Date Jul 04, 2024 9:00 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 04, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466198
Date Received : Jul 05, 2024
Date Reported : Jul 09, 2024
Report Number : 3020340-1

Sample Number 2466198-1
Sampled Date Jul 05, 2024 9:05 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 05, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-9461

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chonticha S.
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ง-9449

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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.

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466198
Date Received : Jul 05, 2024
Date Reported : Jul 09, 2024
Report Number : 3020340-2

Sample Number 2466198-1
Sampled Date Jul 05, 2024 9:05 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 05, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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Approved by
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Chonticha Subongkoch
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466199
Date Received : Jul 06, 2024
Date Reported : Jul 10, 2024
Report Number : 3020341-1

Sample Number 2466199-1
Sampled Date Jul 06, 2024 9:20 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 06, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-9476

Remark :
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466199
Date Received : Jul 06, 2024
Date Reported : Jul 10, 2024
Report Number : 3020341-2

Sample Number 2466199-1
Sampled Date Jul 06, 2024 9:20 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 06, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

Remark :
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Approved by
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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466200
Date Received : Jul 07, 2024
Date Reported : Jul 11, 2024
Report Number : 3020342-1

Sample Number 2466200-1
Sampled Date Jul 07, 2024 9:32 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 07, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Pitthaya Thongtaeng ทะเบียนเลขที่ ว-323-ง-9448

Remark :
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466200
Date Received : Jul 07, 2024
Date Reported : Jul 11, 2024
Report Number : 3020342-2

Sample Number	2466200-1
Sampled Date	Jul 07, 2024 9:32 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 07, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Pitthaya Thongtaeng

Remark :
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Approved by
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466201
Date Received : Jul 08, 2024
Date Reported : Jul 11, 2024
Report Number : 3020344-1

Sample Number	2466201-1
Sampled Date	Jul 08, 2024 10:55 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Nattawut Athomprommarat หมายเลขที่ ว-323-ก-0006

Remark :
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
หมายเลขที่ ว-323-ก-9446

Approved by
Dej Changchon
Senior Manager
หมายเลขที่ ว-323-ก-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466201
Date Received : Jul 08, 2024
Date Reported : Jul 11, 2024
Report Number : 3020344-2

Sample Number	2466201-1
Sampled Date	Jul 08, 2024 10:55 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 08, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Nattawut Athomprommarat

Remark :
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Approved by
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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466202
Date Received : Jul 09, 2024
Date Reported : Jul 12, 2024
Report Number : 3020346-1

Sample Number	2466202-1
Sampled Date	Jul 09, 2024 9:13 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 09, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai หมายเลขที่ ว-323-ก-9461

Remark :
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
หมายเลขที่ ว-323-ก-9446

Approved by
Dej Changchon
Senior Manager
หมายเลขที่ ว-323-ก-9442

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466202
Date Received : Jul 09, 2024
Date Reported : Jul 12, 2024
Report Number : 3020346-2

Sample Number 2466202-1
Sampled Date Jul 09, 2024 9:13 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 09, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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Approved by
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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466203
Date Received : Jul 10, 2024
Date Reported : Jul 13, 2024
Report Number : 3020347-1

Sample Number 2466203-1
Sampled Date Jul 10, 2024 9:14 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 10, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-ง-0021

Remark :
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466203
Date Received : Jul 10, 2024
Date Reported : Jul 13, 2024
Report Number : 3020347-2

Sample Number 2466203-1
Sampled Date Jul 10, 2024 9:14 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 10, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Suphanat Sakulk

Remark :
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Approved by
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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466204
Date Received : Jul 11, 2024
Date Reported : Jul 15, 2024
Report Number : 3020349-1

Sample Number 2466204-1
Sampled Date Jul 11, 2024 10:15 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 11, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		32.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-9476

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466204
Date Received : Jul 11, 2024
Date Reported : Jul 15, 2024
Report Number : 3020348-2

Sample Number	2466204-1
Sampled Date	Jul 11, 2024 10:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 11, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

LABORATORY ACCREDITATION ISO/IEC 17025 TESTING No.0042

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466205
Date Received : Jul 12, 2024
Date Reported : Jul 16, 2024
Report Number : 3020349-1

Sample Number	2466205-1
Sampled Date	Jul 12, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 12, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-ก-0005

Remark :
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Technical Management Chonticha S.
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ก-9449

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466205
Date Received : Jul 12, 2024
Date Reported : Jul 16, 2024
Report Number : 3020349-2

Sample Number	2466205-1
Sampled Date	Jul 12, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 12, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Sansoen Khuiyoksui

Remark :
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Approved by Chonticha S.
Chonticha Subongkoch
Scientist (3)

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

LABORATORY ACCREDITATION ISO/IEC 17025 TESTING No.0042

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466206
Date Received : Jul 13, 2024
Date Reported : Jul 17, 2024
Report Number : 3020350-1

Sample Number	2466206-1
Sampled Date	Jul 13, 2024 10:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 13, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-ก-0005

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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466206
Date Received : Jul 13, 2024
Date Reported : Jul 17, 2024
Report Number : 3020350-2

Sample Number	2466206-1
Sampled Date	Jul 13, 2024 10:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 13, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Sansoen Khuiyoksui

Remark :
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Approved by Photchana S.
Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466207
Date Received : Jul 14, 2024
Date Reported : Jul 17, 2024
Report Number : 3020351-1

Sample Number	2466207-1
Sampled Date	Jul 14, 2024 9:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 14, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-ส-0005

Remark :
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Technical Management Chonticha S.
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ส-9449

Approved by Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ส-9442

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466207
Date Received : Jul 14, 2024
Date Reported : Jul 17, 2024
Report Number : 3020351-2

Sample Number	2466207-1
Sampled Date	Jul 14, 2024 9:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 14, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Sansoen Khuiyoksui

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Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466208
Date Received : Jul 15, 2024
Date Reported : Jul 18, 2024
Report Number : 3020353-1

Sample Number	2466208-1
Sampled Date	Jul 15, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 15, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		33.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ส-9461

Remark :
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Technical Management Chonticha S.
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ส-9449

Approved by Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ส-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466208
Date Received : Jul 15, 2024
Date Reported : Jul 18, 2024
Report Number : 3020353-2

Sample Number 2466208-1
Sampled Date Jul 15, 2024 9:10 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 15, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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Approved by
Chontichak
Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466209
Date Received : Jul 16, 2024
Date Reported : Jul 20, 2024
Report Number : 3020354-1

Sample Number 2466209-1
Sampled Date Jul 16, 2024 9:30 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 16, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-9476

Remark :
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Technical Management
Chontichak
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ง-9449

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466209
Date Received : Jul 16, 2024
Date Reported : Jul 20, 2024
Report Number : 3020354-2

Sample Number 2466209-1
Sampled Date Jul 16, 2024 9:30 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 16, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Approved by
Chontichak
Chonticha Subongkoch
Scientist (3)

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466210
Date Received : Jul 17, 2024
Date Reported : Jul 20, 2024
Report Number : 3020355-1

Sample Number 2466210-1
Sampled Date Jul 17, 2024 9:05 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 17, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		33.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Ekkachai Tuntong ทะเบียนเลขที่ ว-323-ง-0022

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
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466210
Date Received : Jul 17, 2024
Date Reported : Jul 20, 2024
Report Number : 3020355-2

Sample Number	2466210-1
Sampled Date	Jul 17, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 17, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Ekkachai Tuntong

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466211
Date Received : Jul 18, 2024
Date Reported : Jul 23, 2024
Report Number : 3020358-1

Sample Number	2466211-1
Sampled Date	Jul 18, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 18, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-ง-0005

Remark :
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Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ง-9449

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466211
Date Received : Jul 18, 2024
Date Reported : Jul 23, 2024
Report Number : 3020358-2

Sample Number	2466211-1
Sampled Date	Jul 18, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 18, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Sansoen Khuiyoksui

Remark :
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Approved by Chontichak
Chonticha Subongkoch
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466212
Date Received : Jul 19, 2024
Date Reported : Jul 24, 2024
Report Number : 3020359-1

Sample Number	2466212-1
Sampled Date	Jul 19, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 19, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Narunat thammasaro ทะเบียนเลขที่ ว-323-ง-9477

Remark :
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Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ง-9449

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466212
Date Received : Jul 19, 2024
Date Reported : Jul 24, 2024
Report Number : 3020359-2

Sample Number	2466212-1
Sampled Date	Jul 19, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 19, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Narunat thammasaro

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466213
Date Received : Jul 20, 2024
Date Reported : Jul 24, 2024
Report Number : 3020360-1

Sample Number	2466213-1
Sampled Date	Jul 20, 2024 9:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 20, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Tanasit Wongsachai ทะเบียนเลขที่ ว-323-ง-9460

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Technical Management
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ง-9449

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466213
Date Received : Jul 20, 2024
Date Reported : Jul 24, 2024
Report Number : 3020360-2

Sample Number	2466213-1
Sampled Date	Jul 20, 2024 9:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 20, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Tanasit Wongsachai

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466214
Date Received : Jul 23, 2024
Date Reported : Jul 25, 2024
Report Number : 3020361-1

Sample Number	2466214-1
Sampled Date	Jul 21, 2024 8:56 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 21, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		33.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Nattawut Athornprommarat ทะเบียนเลขที่ ว-323-ง-0006

Remark :
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ง-9449

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466214
Date Received : Jul 23, 2024
Date Reported : Jul 25, 2024
Report Number : 3020361-2

Sample Number	2466214-1
Sampled Date	Jul 21, 2024 8:56 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 21, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Nattawut Athomprommarat

Remark :
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Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466215
Date Received : Jul 22, 2024
Date Reported : Jul 26, 2024
Report Number : 3020362-1

Sample Number	2466215-1
Sampled Date	Jul 22, 2024 9:26 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 22, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-ง-0006

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
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ง-9449

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466215
Date Received : Jul 22, 2024
Date Reported : Jul 26, 2024
Report Number : 3020362-2

Sample Number	2466215-1
Sampled Date	Jul 22, 2024 9:26 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 22, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Nattawut Athomprommarat

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Approved by
Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466216
Date Received : Jul 23, 2024
Date Reported : Jul 26, 2024
Report Number : 3020363-1

Sample Number	2466216-1
Sampled Date	Jul 23, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 23, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		34.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Narunat thammasaro ทะเบียนเลขที่ ว-323-ง-9477

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
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ง-9449

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466216
Date Received : Jul 23, 2024
Date Reported : Jul 26, 2024
Report Number : 3020363-2

Sample Number 2466216-1
Sampled Date Jul 23, 2024 9:20 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 23, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Narunat thammasaro

Remark :
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Approved by Chonticha Subongkoch
Chonticha Subongkoch
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466217
Date Received : Jul 24, 2024
Date Reported : Jul 26, 2024
Report Number : 3020365-1

Sample Number 2466217-1
Sampled Date Jul 24, 2024 9:15 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 24, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Narunat thammasaro ทะเบียนเลขที่ ว-323-ง-9477

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466217
Date Received : Jul 24, 2024
Date Reported : Jul 26, 2024
Report Number : 3020365-2

Sample Number 2466217-1
Sampled Date Jul 24, 2024 9:15 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 24, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Narunat thammasaro

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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466218
Date Received : Jul 25, 2024
Date Reported : Jul 27, 2024
Report Number : 3020366-1

Sample Number 2466218-1
Sampled Date Jul 25, 2024 9:40 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 25, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-9476

Remark :
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Technical Management Chonticha Subongkoch
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ง-9449

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466218
Date Received : Jul 25, 2024
Date Reported : Jul 27, 2024
Report Number : 3020366-2

Sample Number 2466218-1
Sampled Date Jul 25, 2024 9:40 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 25, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

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Approved by
Chontichak
Chonticha Subongkoch
Scientist (3)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466219
Date Received : Jul 26, 2024
Date Reported : Jul 31, 2024
Report Number : 3020367-1

Sample Number 2466219-1
Sampled Date Jul 26, 2024 9:12 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 26, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Surawit Narapong

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Approved by
Photchana S.
Photchana Seeda
Scientist (4)

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466219
Date Received : Jul 26, 2024
Date Reported : Jul 31, 2024
Report Number : 3020367-2

Sample Number 2466219-1
Sampled Date Jul 26, 2024 9:12 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 26, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Surawit Narapong

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Approved by
Photchana S.
Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2466220
Date Received : Jul 27, 2024
Date Reported : Aug 01, 2024
Report Number : 3020385-1

Sample Number 2466220-1
Sampled Date Jul 27, 2024 9:40 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 27, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		33.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Ekkachai Tuntong ทะเบียนเลขที่ ว-323-ง-0022

Remark :
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Approved by
Photchana S.
Photchana Seeda
Scientist (4)

Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466220
Date Received : Jul 27, 2024
Date Reported : Aug 01, 2024
Report Number : 3020385-2

Sample Number	2466220-1
Sampled Date	Jul 27, 2024 9:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 27, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Ekkachai Tuntong

Remark :
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Approved by
Photchana S.
Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466221
Date Received : Jul 28, 2024
Date Reported : Aug 01, 2024
Report Number : 3020386-1

Sample Number	2466221-1
Sampled Date	Jul 28, 2024 10:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 28, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Ekkachai Tuntong ทะเบียนเลขที่ ว-323-ง-0022

Remark :
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466221
Date Received : Jul 28, 2024
Date Reported : Aug 01, 2024
Report Number : 3020386-2

Sample Number	2466221-1
Sampled Date	Jul 28, 2024 10:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 28, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Ekkachai Tuntong

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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
Photchana S.
Photchana Seeda
Scientist (4)

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences www.alsglobal.com
RIGHT SOLUTIONS RIGHT PARTNER

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466222
Date Received : Jul 29, 2024
Date Reported : Aug 01, 2024
Report Number : 3020387-1

Sample Number	2466222-1
Sampled Date	Jul 29, 2024 9:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 29, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		32.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Ekkachai Tuntong ทะเบียนเลขที่ ว-323-ง-0022

Remark :
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466222
Date Received : Jul 29, 2024
Date Reported : Aug 01, 2024
Report Number : 3020387-2

Sample Number	2466222-1
Sampled Date	Jul 29, 2024 9:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 29, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Ekkachai Tuntong

Remark :
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Approved by
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466223
Date Received : Jul 30, 2024
Date Reported : Aug 01, 2024
Report Number : 3020388-1

Sample Number	2466223-1
Sampled Date	Jul 30, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 30, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-ก-0005

Remark :
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466223
Date Received : Jul 30, 2024
Date Reported : Aug 01, 2024
Report Number : 3020388-2

Sample Number	2466223-1
Sampled Date	Jul 30, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 30, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Sansoen Khuiyoksui

Remark :
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Approved by
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Photchana Seeda
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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466224
Date Received : Jul 31, 2024
Date Reported : Aug 01, 2024
Report Number : 3020389-1

Sample Number	2466224-1
Sampled Date	Jul 31, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Jul 31, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		34.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-ก-0011

Remark :
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466224
Date Received : Jul 31, 2024
Date Reported : Aug 01, 2024
Report Number : 3020389-2

Sample Number 2466224-1
Sampled Date Jul 31, 2024 9:05 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Jul 31, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Surawit Narapong

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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478331
Date Received : Aug 13, 2024
Date Reported : Aug 20, 2024
Report Number : 3049677-1

Sample Number 2478331-1
Sampled Date Aug 13, 2024 9:26 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 13, 2024
Condition of Sample Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	752	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	2.3	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-0041 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-ง-0002

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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478331
Date Received : Aug 13, 2024
Date Reported : Aug 20, 2024
Report Number : 3049677-1

- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

TESTING
No.0009

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478331
Date Received : Aug 13, 2024
Date Reported : Aug 20, 2024
Report Number : 3049677-2

Sample Number 2478331-1
Sampled Date Aug 13, 2024 9:26 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 14, 2024
Condition of Sample Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.009	<2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-0041 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-ง-0002

Remark :
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Technical Management Chanattagarn Imchom
Section Head
ทะเบียนเลขที่ ว-204-ง-0008

Approved by
Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

TESTING
No.0009

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478331
Date Received : Aug 13, 2024
Date Reported : Aug 20, 2024
Report Number : 3049677-3

Sample Number	2478331-1
Sampled Date	Aug 13, 2024 9:26 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 14, 2024
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.04	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Nitrate as N *	mg/L	0.015	0.05	1.55	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai , Pattarapol Sawangjaitam

Remark :
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- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
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Approved by
Chanattagarn Imchom
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478335
Date Received : Aug 01, 2024
Date Reported : Aug 05, 2024
Report Number : 3049723-1

Sample Number	2478335-1
Sampled Date	Aug 01, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 01, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.1	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ว-9457

Remark :
- LOD : Limit of Detection
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Technical Management
Chontichak Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ว-9449

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ว-9442

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478335
Date Received : Aug 01, 2024
Date Reported : Aug 05, 2024
Report Number : 3049723-2

Sample Number	2478335-1
Sampled Date	Aug 01, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 01, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Wanlop Hunchainaow

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478336
Date Received : Aug 02, 2024
Date Reported : Aug 06, 2024
Report Number : 3049724-1

Sample Number	2478336-1
Sampled Date	Aug 02, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 02, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		33.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Tanasit Wongsachai ทะเบียนเลขที่ ว-323-ว-9460

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Technical Management
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ว-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ว-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478336
Date Received : Aug 02, 2024
Date Reported : Aug 06, 2024
Report Number : 3049724-2

Sample Number	2478336-1
Sampled Date	Aug 02, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 02, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Tanasit Wongsachai

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Approved by
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478337
Date Received : Aug 03, 2024
Date Reported : Aug 06, 2024
Report Number : 3049725-1

Sample Number	2478337-1
Sampled Date	Aug 03, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 03, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Warunyoo Chimphalee ทะเบียนเลขที่ ว-323-ก-0020

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Technical Management
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Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-9442

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478337
Date Received : Aug 03, 2024
Date Reported : Aug 06, 2024
Report Number : 3049725-2

Sample Number	2478337-1
Sampled Date	Aug 03, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 03, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Warunyoo Chimphalee

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478338
Date Received : Aug 04, 2024
Date Reported : Aug 07, 2024
Report Number : 3049726-1

Sample Number	2478338-1
Sampled Date	Aug 04, 2024 9:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	May 04, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Warunyoo Chimphalee ทะเบียนเลขที่ ว-323-ก-0020

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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-9442

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478338
Date Received : Aug 04, 2024
Date Reported : Aug 07, 2024
Report Number : 3049726-2

Sample Number	2478338-1
Sampled Date	Aug 04, 2024 9:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 04, 2024
Condition of Sample	Contained in one plastic bottle. Sample coatainers comply to pretreatment - preservation standards (APHA / USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478339
Date Received : Aug 05, 2024
Date Reported : Aug 08, 2024
Report Number : 3049727-1

Sample Number	2478339-1
Sampled Date	Aug 05, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 05, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ก-9457

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Technical Management
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Scientist (3)
ทะเบียนเลขที่ ว-323-ก-9449

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-9442

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478339
Date Received : Aug 05, 2024
Date Reported : Aug 08, 2024
Report Number : 3049727-2

Sample Number	2478339-1
Sampled Date	Aug 05, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 05, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Wanlop Hunchainaow

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478340
Date Received : Aug 06, 2024
Date Reported : Aug 09, 2024
Report Number : 3049733-1

Sample Number	2478340-1
Sampled Date	Aug 06, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 06, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Tanasit Wongsachai ทะเบียนเลขที่ ว-323-ก-9460

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Technical Management
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Approved by
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Senior Manager
ทะเบียนเลขที่ ว-323-ก-9442

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478340
Date Received : Aug 06, 2024
Date Reported : Aug 09, 2024
Report Number : 3049733-2

Sample Number	2478340-1
Sampled Date	Aug 06, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 06, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Tanasit Wongsachai

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478341
Date Received : Aug 07, 2024
Date Reported : Aug 09, 2024
Report Number : 3049734-1

Sample Number	2478341-1
Sampled Date	Aug 07, 2024 9:13 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 07, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Warunyoo Chimphalee ทะเบียนเลขที่ ว-323-ก-0020

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 Chonticha Subongkoch
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ก-9449

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-9442

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478341
Date Received : Aug 07, 2024
Date Reported : Aug 09, 2024
Report Number : 3049734-2

Sample Number	2478341-1
Sampled Date	Aug 07, 2024 9:13 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 07, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Warunyoo Chimphalee

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Approved by Chonticha Subongkoch
Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478342
Date Received : Aug 08, 2024
Date Reported : Aug 13, 2024
Report Number : 3049735-1

Sample Number	2478342-1
Sampled Date	Aug 08, 2024 9:09 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ก-9461

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-9442

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478342
Date Received : Aug 08, 2024
Date Reported : Aug 13, 2024
Report Number : 3049735-2

Sample Number 2478342-1
Sampled Date Aug 08, 2024 9:09 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 08, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478343
Date Received : Aug 09, 2024
Date Reported : Aug 14, 2024
Report Number : 3049739-1

Sample Number 2478343-1
Sampled Date Aug 09, 2024 9:07 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 09, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-ก-0006

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-9442

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P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478343
Date Received : Aug 09, 2024
Date Reported : Aug 14, 2024
Report Number : 3049739-2

Sample Number 2478343-1
Sampled Date Aug 09, 2024 9:07 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 09, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Nattawut Athomprommarat

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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478344
Date Received : Aug 10, 2024
Date Reported : Aug 15, 2024
Report Number : 3049744-1

Sample Number 2478344-1
Sampled Date Aug 10, 2024 9:14 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 10, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		33.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-ก-0006

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-9442

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P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478344
Date Received : Aug 10, 2024
Date Reported : Aug 15, 2024
Report Number : 3049744-2

Sample Number	2478344-1
Sampled Date	Aug 10, 2024 9:14 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 10, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Nattawut Athomprommarat

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Photchana Seeda
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TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478345
Date Received : Aug 11, 2024
Date Reported : Aug 15, 2024
Report Number : 3049746-1

Sample Number	2478345-1
Sampled Date	Aug 11, 2024 9:07 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 11, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-ก-0006

Remark :
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Technical Management
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ก-9449

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-9442

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478345
Date Received : Aug 11, 2024
Date Reported : Aug 15, 2024
Report Number : 3049746-2

Sample Number	2478345-1
Sampled Date	Aug 11, 2024 9:07 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 11, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Nattawut Athomprommarat

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478346
Date Received : Aug 12, 2024
Date Reported : Aug 15, 2024
Report Number : 3049749-1

Sample Number	2478346-1
Sampled Date	Aug 12, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 12, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)
Physical Property	Yellow, some odour, a lot of solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-ก-0006

Remark :
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Technical Management
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ก-9449

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-9442

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478346
Date Received : Aug 12, 2024
Date Reported : Aug 15, 2024
Report Number : 3049749-2

Sample Number	2478346-1
Sampled Date	Aug 12, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 12, 2024
Condition of Sample	Contained in one plastic bottle. Sample coatainers comply to pretreatment - preservation standards (APHA / USEPA)
Physical Property	Yellow, some odour, a lot of solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Nattawut Athompromarat

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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 Chontichak
Chonticha Subongkoch
Scientist (3)

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478347
Date Received : Aug 13, 2024
Date Reported : Aug 16, 2024
Report Number : 3049752-1

Sample Number	2478347-1
Sampled Date	Aug 13, 2024 9:26 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 13, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-9461

Remark :
- LOD : Limit of Detection
- "<" : 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 Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478347
Date Received : Aug 13, 2024
Date Reported : Aug 16, 2024
Report Number : 3049752-2

Sample Number	2478347-1
Sampled Date	Aug 13, 2024 9:26 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 13, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478348
Date Received : Aug 14, 2024
Date Reported : Aug 16, 2024
Report Number : 3049753-1

Sample Number	2478348-1
Sampled Date	Aug 14, 2024 9:23 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 14, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		35.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ง-9457

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 Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-9446

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-9442

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478348
Date Received : Aug 14, 2024
Date Reported : Aug 16, 2024
Report Number : 3049753-2

Sample Number 2478348-1
Sampled Date Aug 14, 2024 9:23 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 14, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Wanlop Hunchainaow

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478351
Date Received : Aug 15, 2024
Date Reported : Aug 19, 2024
Report Number : 3049756-1

Sample Number 2478351-1
Sampled Date Aug 15, 2024 8:46 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 15, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Wasan Kinunti ทะเบียนเลขที่ ว-323-ง-0019

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478351
Date Received : Aug 15, 2024
Date Reported : Aug 19, 2024
Report Number : 3049756-2

Sample Number 2478351-1
Sampled Date Aug 15, 2024 8:46 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 15, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Wasari Kinunti

Remark :
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Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478352
Date Received : Aug 16, 2024
Date Reported : Aug 20, 2024
Report Number : 3049757-1

Sample Number 2478352-1
Sampled Date Aug 16, 2024 9:45 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 16, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-0051

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 Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478352
Date Received : Aug 16, 2024
Date Reported : Aug 20, 2024
Report Number : 3049757-2

Sample Number	2478352-1
Sampled Date	Aug 16, 2024 9:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 16, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

Remark :
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Approved by
Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478353
Date Received : Aug 17, 2024
Date Reported : Aug 21, 2024
Report Number : 3049760-1

Sample Number	2478353-1
Sampled Date	Aug 17, 2024 10:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 17, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-ก-0005

Remark :
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478353
Date Received : Aug 17, 2024
Date Reported : Aug 21, 2024
Report Number : 3049760-2

Sample Number	2478353-1
Sampled Date	Aug 17, 2024 10:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 17, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Sansoen Khuiyoksui

Remark :
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Approved by
Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478354
Date Received : Aug 18, 2024
Date Reported : Aug 22, 2024
Report Number : 3049762-1

Sample Number	2478354-1
Sampled Date	Aug 18, 2024 10:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 18, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-ก-0005

Remark :
- LOD : Limit of Detection
- "<" : 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
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478354
Date Received : Aug 18, 2024
Date Reported : Aug 22, 2024
Report Number : 3049763-2

Sample Number 2478354-1
Sampled Date Aug 18, 2024 10:20 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 18, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Sansoen Khuiyoksul

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478355
Date Received : Aug 19, 2024
Date Reported : Aug 22, 2024
Report Number : 3049765-1

Sample Number 2478355-1
Sampled Date Aug 19, 2024 9:30 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 19, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-0051

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 Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478355
Date Received : Aug 19, 2024
Date Reported : Aug 22, 2024
Report Number : 3049765-2

Sample Number 2478355-1
Sampled Date Aug 19, 2024 9:30 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 19, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

Remark :
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Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478356
Date Received : Aug 20, 2024
Date Reported : Aug 23, 2024
Report Number : 3049766-1

Sample Number 2478356-1
Sampled Date Aug 20, 2024 9:02 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 20, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-0041

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478356
Date Received : Aug 20, 2024
Date Reported : Aug 23, 2024
Report Number : 3049766-2

Sample Number 2478356-1
Sampled Date Aug 20, 2024 9:02 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 20, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478357
Date Received : Aug 21, 2024
Date Reported : Aug 23, 2024
Report Number : 3049771-1

Sample Number 2478357-1
Sampled Date Aug 21, 2024 9:17 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 21, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Wasan Kinunti ทะเบียนเลขที่ ว-323-ง-0019

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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478357
Date Received : Aug 21, 2024
Date Reported : Aug 23, 2024
Report Number : 3049771-2

Sample Number 2478357-1
Sampled Date Aug 21, 2024 9:17 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 21, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Wasari Kinunti

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478358
Date Received : Aug 22, 2024
Date Reported : Aug 26, 2024
Report Number : 3049775-1

Sample Number 2478358-1
Sampled Date Aug 22, 2024 9:20 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 22, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-0041

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478358
Date Received : Aug 22, 2024
Date Reported : Aug 26, 2024
Report Number : 3049775-2

Sample Number	2478358-1
Sampled Date	Aug 22, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 22, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478359
Date Received : Aug 23, 2024
Date Reported : Aug 27, 2024
Report Number : 3049776-1

Sample Number	2478359-1
Sampled Date	Aug 23, 2024 9:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 23, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-ง-0005

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478359
Date Received : Aug 23, 2024
Date Reported : Aug 27, 2024
Report Number : 3049776-2

Sample Number	2478359-1
Sampled Date	Aug 23, 2024 9:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 23, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Sansoen Khuiyoksui

Remark :
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Photchana Seeda
Scientist (4)

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478360
Date Received : Aug 24, 2024
Date Reported : Aug 28, 2024
Report Number : 3049777-1

Sample Number	2478360-1
Sampled Date	Aug 24, 2024 9:43 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 24, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-0051

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478360
Date Received : Aug 24, 2024
Date Reported : Aug 28, 2024
Report Number : 3049777-2

Sample Number 2478360-1
Sampled Date Aug 24, 2024 9:43 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 24, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478361
Date Received : Aug 25, 2024
Date Reported : Aug 28, 2024
Report Number : 3049779-1

Sample Number 2478361-1
Sampled Date Aug 25, 2024 9:53 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 25, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-0051

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478361
Date Received : Aug 25, 2024
Date Reported : Aug 28, 2024
Report Number : 3049779-2

Sample Number 2478361-1
Sampled Date Aug 25, 2024 9:53 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 25, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478362
Date Received : Aug 26, 2024
Date Reported : Aug 28, 2024
Report Number : 3049780-1

Sample Number 2478362-1
Sampled Date Aug 26, 2024 9:20 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 26, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		33.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-0041

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478362
Date Received : Aug 26, 2024
Date Reported : Aug 28, 2024
Report Number : 3049780-2

Sample Number	2478362-1
Sampled Date	Aug 26, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 26, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

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Approved by
Photchana S.
Photchana Seeda
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LABORATORY ACCREDITATION ILA-DSS
TESTING No.0042

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478363
Date Received : Aug 27, 2024
Date Reported : Aug 29, 2024
Report Number : 3049782-1

Sample Number	2478363-1
Sampled Date	Aug 27, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 27, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ก-0041

Remark :
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478363
Date Received : Aug 27, 2024
Date Reported : Aug 29, 2024
Report Number : 3049782-2

Sample Number	2478363-1
Sampled Date	Aug 27, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 27, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

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Photchana Seeda
Scientist (4)

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

LABORATORY ACCREDITATION ILA-DSS
TESTING No.0042

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478364
Date Received : Aug 28, 2024
Date Reported : Aug 30, 2024
Report Number : 3049783-1

Sample Number	2478364-1
Sampled Date	Aug 28, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Aug 28, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		32.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

Guideline :
Sampling By : Narunat thammasaro ทะเบียนเลขที่ ว-323-ก-0052

Remark :
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478364
Date Received : Aug 28, 2024
Date Reported : Aug 30, 2024
Report Number : 3049783-2

Sample Number 2478364-1
Sampled Date Aug 28, 2024 9:25 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 28, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

Guideline :
Sampling By : Narunat thammasaro

Remark :
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Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478365
Date Received : Aug 29, 2024
Date Reported : Aug 30, 2024
Report Number : 3049785-1

Sample Number 2478365-1
Sampled Date Aug 29, 2024 9:30 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 29, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Phongthep Sitthiloh ทะเบียนเลขที่ ว-323-ง-0023

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478365
Date Received : Aug 29, 2024
Date Reported : Aug 30, 2024
Report Number : 3049785-2

Sample Number 2478365-1
Sampled Date Aug 29, 2024 9:30 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 29, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Phongthep Sitthiloh

Remark :
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Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478366
Date Received : Aug 30, 2024
Date Reported : Sep 03, 2024
Report Number : 3049787-1

Sample Number 2478366-1
Sampled Date Aug 30, 2024 9:00 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 30, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-0051

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 Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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.

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478366
Date Received : Aug 30, 2024
Date Reported : Sep 03, 2024
Report Number : 3049787-2

Sample Number 2478366-1
Sampled Date Aug 30, 2024 9:00 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 30, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

Remark :
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Approved by
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478367
Date Received : Aug 31, 2024
Date Reported : Sep 04, 2024
Report Number : 3049788-1

Sample Number 2478367-1
Sampled Date Aug 31, 2024 8:50 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 31, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.8	≤40	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-ก-0006

Remark :
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Technical Management
Photchana S.
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Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2478367
Date Received : Aug 31, 2024
Date Reported : Sep 04, 2024
Report Number : 3049788-2

Sample Number 2478367-1
Sampled Date Aug 31, 2024 8:50 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Aug 31, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Nattawut Athomprommarat

Remark :
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Approved by
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong THailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493813
Date Received : Sep 10, 2024
Date Reported : Sep 17, 2024
Report Number : J080081-1

Sample Number 2493813-1
Sampled Date Sep 10, 2024 9:10 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 10, 2024
Condition of Sample Contained in one amber glass bottle and four plastic bottles. sample containers comoly to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	564	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	1.4	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

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).
Sampling By : Phongthep Sitthiloh ทะเบียนเลขที่ ว-323-ก-0023 , Kardbundit Kitisuavanit ทะเบียนเลขที่ ว-204-ก-0001

Remark :
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493813
Date Received : Sep 10, 2024
Date Reported : Sep 17, 2024
Report Number : 3083081-1

- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management
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Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

TESTING
No.0009

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493813
Date Received : Sep 10, 2024
Date Reported : Sep 17, 2024
Report Number : 3083081-2

Sample Number	2493813-1
Sampled Date	Sep 10, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.002	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	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).
Sampling By : Phongthep Sitthiloh ทะเบียนเลขที่ ว-323-ก-0023 , Kardbundit Kitisupavanit ทะเบียนเลขที่ ว-204-ก-0001

Remark :
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Technical Management
Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-ก-0007

Approved by
Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report

TESTING
No.0009

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493813
Date Received : Sep 10, 2024
Date Reported : Sep 17, 2024
Report Number : 3083081-3

Sample Number	2493813-1
Sampled Date	Sep 10, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.06	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Nitrate as N *	mg/L	0.015	0.05	1.33	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong

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).
Sampling By : Phongthep Sitthiloh , Kardbundit Kitisupavanit

Remark :
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Approved by
Sawitree Noisangiam
Manager

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493775
Date Received : Sep 01, 2024
Date Reported : Sep 04, 2024
Report Number : 3083044-1

Sample Number	2493775-1
Sampled Date	Sep 01, 2024 8:48 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 01, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		33.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Nattawut Athornprommarat ทะเบียนเลขที่ ว-323-ก-0006

Remark :
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Technical Management
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Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493775
Date Received : Sep 01, 2024
Date Reported : Sep 04, 2024
Report Number : 3083544-2

Sample Number 2493775-1
Sampled Date Sep 01, 2024 8:48 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 01, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Nattawut Athomprommarat

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493776
Date Received : Sep 02, 2024
Date Reported : Sep 04, 2024
Report Number : 3083545-1

Sample Number 2493776-1
Sampled Date Sep 02, 2024 9:22 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-0041

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493776
Date Received : Sep 02, 2024
Date Reported : Sep 04, 2024
Report Number : 3083545-2

Sample Number 2493776-1
Sampled Date Sep 02, 2024 9:22 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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Photchana Seeda
Scientist (4)

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493777
Date Received : Sep 03, 2024
Date Reported : Sep 05, 2024
Report Number : 3083548-1

Sample Number 2493777-1
Sampled Date Sep 03, 2024 9:39 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 03, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ง-0038

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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.

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493777
Date Received : Sep 03, 2024
Date Reported : Sep 05, 2024
Report Number : 3083548-2

Sample Number	2493777-1
Sampled Date	Sep 03, 2024 9:39 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 03, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Wanlop Hunchainaow

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493778
Date Received : Sep 04, 2024
Date Reported : Sep 06, 2024
Report Number : 3083549-1

Sample Number	2493778-1
Sampled Date	Sep 04, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 04, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-ก-0005

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493778
Date Received : Sep 04, 2024
Date Reported : Sep 06, 2024
Report Number : 3083549-2

Sample Number	2493778-1
Sampled Date	Sep 04, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 04, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Sansoen Khuiyoksui

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493779
Date Received : Sep 05, 2024
Date Reported : Sep 06, 2024
Report Number : 3083550-1

Sample Number	2493779-1
Sampled Date	Sep 05, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 05, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Phongthep Sitthiloh ทะเบียนเลขที่ ว-323-ก-0023

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493779
Date Received : Sep 05, 2024
Date Reported : Sep 06, 2024
Report Number : 3083550-2

Sample Number	2493779-1
Sampled Date	Sep 05, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 05, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Phongthep Sitthiloh

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493780
Date Received : Sep 06, 2024
Date Reported : Sep 07, 2024
Report Number : 3083551-1

Sample Number	2493780-1
Sampled Date	Sep 06, 2024 9:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 06, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).

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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ว-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493780
Date Received : Sep 06, 2024
Date Reported : Sep 07, 2024
Report Number : 3083551-2

Sample Number	2493780-1
Sampled Date	Sep 06, 2024 9:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 06, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493781
Date Received : Sep 08, 2024
Date Reported : Sep 11, 2024
Report Number : 3083552-1

Sample Number	2493781-1
Sampled Date	Sep 08, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 08, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ว-0051

Remark :
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ว-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493781
Date Received : Sep 08, 2024
Date Reported : Sep 11, 2024
Report Number : 3083552-2

Sample Number 2493781-1
Sampled Date Sep 08, 2024 9:30 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 08, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

Remark :
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Photchana Seeda
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TESTING
No.0042

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493782
Date Received : Sep 07, 2024
Date Reported : Sep 09, 2024
Report Number : 3083553-1

Sample Number 2493782-1
Sampled Date Sep 07, 2024 9:59 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 07, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-0051

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Life Sciences www.alsglobal.com
RIGHT SOLUTIONS RIGHT PARTNER

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493782
Date Received : Sep 07, 2024
Date Reported : Sep 09, 2024
Report Number : 3083553-2

Sample Number 2493782-1
Sampled Date Sep 07, 2024 9:59 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 07, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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 Photchana S.
Photchana Seeda
Scientist (4)

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

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RIGHT SOLUTIONS RIGHT PARTNER

TESTING
No.0042

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493783
Date Received : Sep 09, 2024
Date Reported : Sep 11, 2024
Report Number : 3083554-1

Sample Number 2493783-1
Sampled Date Sep 09, 2024 9:10 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 09, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Narunat thammasaro ทะเบียนเลขที่ ว-323-ง-0052

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493783
Date Received : Sep 09, 2024
Date Reported : Sep 11, 2024
Report Number : 3083554-2

Sample Number 2493783-1
Sampled Date Sep 09, 2024 9:10 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 09, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Narunat thammasaro

Remark :
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Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493784
Date Received : Sep 10, 2024
Date Reported : Sep 12, 2024
Report Number : 3083555-1

Sample Number 2493784-1
Sampled Date Sep 10, 2024 9:10 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 10, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Phongthep Sitthiloh ทะเบียนเลขที่ ว-323-ก-0023

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 Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493784
Date Received : Sep 10, 2024
Date Reported : Sep 12, 2024
Report Number : 3083555-2

Sample Number 2493784-1
Sampled Date Sep 10, 2024 9:10 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 10, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Phongthep Sitthiloh

Remark :
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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493785
Date Received : Sep 11, 2024
Date Reported : Sep 13, 2024
Report Number : 3083556-1

Sample Number 2493785-1
Sampled Date Sep 11, 2024 9:02 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 11, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ก-0038

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493785
Date Received : Sep 11, 2024
Date Reported : Sep 13, 2024
Report Number : 3083556-2

Sample Number	2493785-1
Sampled Date	Sep 11, 2024 9:02 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 11, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Wanlop Hunchainaow

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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493786
Date Received : Sep 12, 2024
Date Reported : Sep 16, 2024
Report Number : 3083563-1

Sample Number	2493786-1
Sampled Date	Sep 12, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 12, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ก-0038

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493786
Date Received : Sep 12, 2024
Date Reported : Sep 16, 2024
Report Number : 3083563-1

Sample Number	2493786-1
Sampled Date	Sep 12, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 12, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ก-0038

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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493787
Date Received : Sep 13, 2024
Date Reported : Sep 16, 2024
Report Number : 3083564-2

Sample Number	2493787-1
Sampled Date	Sep 13, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 13, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Wanlop Hunchainaow

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493788
Date Received : Sep 14, 2024
Date Reported : Sep 17, 2024
Report Number : 3083565-1

Sample Number	2493788-1
Sampled Date	Sep 14, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 14, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Ekkachai Tuntong ทะเบียนเลขที่ ว-323-ง-0022

Remark :
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493788
Date Received : Sep 14, 2024
Date Reported : Sep 17, 2024
Report Number : 3083565-2

Sample Number	2493788-1
Sampled Date	Sep 14, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 14, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Ekkachai Tuntong

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493789
Date Received : Sep 15, 2024
Date Reported : Sep 18, 2024
Report Number : 3083566-1

Sample Number	2493789-1
Sampled Date	Sep 15, 2024 9:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 15, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Ekkachai Tuntong ทะเบียนเลขที่ ว-323-ง-0022

Remark :
- LOD : Limit of Detection
- "<" : 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 Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493789
Date Received : Sep 15, 2024
Date Reported : Sep 18, 2024
Report Number : 3083566-2

Sample Number 2493789-1
Sampled Date Sep 15, 2024 9:45 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 15, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Ekkachai Tuntong

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493790
Date Received : Sep 16, 2024
Date Reported : Sep 18, 2024
Report Number : 3083567-1

Sample Number 2493790-1
Sampled Date Sep 16, 2024 9:36 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 16, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-0041

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493790
Date Received : Sep 16, 2024
Date Reported : Sep 18, 2024
Report Number : 3083567-2

Sample Number 2493790-1
Sampled Date Sep 16, 2024 9:36 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 16, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493791
Date Received : Sep 17, 2024
Date Reported : Sep 21, 2024
Report Number : 3083571-1

Sample Number 2493791-1
Sampled Date Sep 17, 2024 10:05 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 17, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-0051

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493791
Date Received : Sep 17, 2024
Date Reported : Sep 20, 2024
Report Number : 3083571-2

Sample Number	2493791-1
Sampled Date	Sep 17, 2024 10:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 17, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493792
Date Received : Sep 18, 2024
Date Reported : Sep 20, 2024
Report Number : 3083574-1

Sample Number	2493792-1
Sampled Date	Sep 18, 2024 9:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 18, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong

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).
Sampling By : Phongthep Sitthiloh ทะเบียนเลขที่ ว-323-ก-0023

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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493792
Date Received : Sep 18, 2024
Date Reported : Sep 20, 2024
Report Number : 3083574-2

Sample Number	2493792-1
Sampled Date	Sep 18, 2024 9:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 18, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong

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).
Sampling By : Phongthep Sitthiloh

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493793
Date Received : Sep 19, 2024
Date Reported : Sep 23, 2024
Report Number : 3083575-1

Sample Number	2493793-1
Sampled Date	Sep 19, 2024 10:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 19, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		34.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Ekkachai Tuntong ทะเบียนเลขที่ ว-323-ก-0022

Remark :
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Technical Management
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Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493793
Date Received : Sep 19, 2024
Date Reported : Sep 23, 2024
Report Number : 3083575-2

Sample Number	2493793-1
Sampled Date	Sep 19, 2024 10:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 19, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Ekkachai Tuntong

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493795
Date Received : Sep 20, 2024
Date Reported : Sep 24, 2024
Report Number : 3083582-1

Sample Number	2493795-1
Sampled Date	Sep 20, 2024 8:28 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 20, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Warunyoo Chimphalee ทะเบียนเลขที่ ว-323-ก-0020

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 Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493795
Date Received : Sep 20, 2024
Date Reported : Sep 24, 2024
Report Number : 3083582-2

Sample Number	2493795-1
Sampled Date	Sep 20, 2024 8:28 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 20, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Warunyoo Chimphalee

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493796
Date Received : Sep 21, 2024
Date Reported : Sep 25, 2024
Report Number : 3083585-1

Sample Number	2493796-1
Sampled Date	Sep 21, 2024 9:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 21, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Ekkachai Tuntong ทะเบียนเลขที่ ว-323-ก-0022

Remark :
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493796
Date Received : Sep 21, 2024
Date Reported : Sep 25, 2024
Report Number : 3083585-2

Sample Number 2493796-1
Sampled Date Sep 21, 2024 9:40 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 21, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Ekkachai Tuntong

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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493797
Date Received : Sep 22, 2024
Date Reported : Sep 25, 2024
Report Number : 3083583-1

Sample Number 2493797-1
Sampled Date Sep 22, 2024 9:55 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 22, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Ekkachai Tuntong ทะเบียนเลขที่ ว-323-ก-0022

Remark :
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493797
Date Received : Sep 22, 2024
Date Reported : Sep 25, 2024
Report Number : 3083583-2

Sample Number 2493797-1
Sampled Date Sep 22, 2024 9:55 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 22, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Ekkachai Tuntong

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 2493798
Date Received : Sep 23, 2024
Date Reported : Sep 26, 2024
Report Number : 3083589-1

Sample Number 2493798-1
Sampled Date Sep 23, 2024 9:50 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 23, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-ก-0005

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Client : Global Power Synergy Public Company Limited
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P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493798
Date Received : Sep 23, 2024
Date Reported : Sep 26, 2024
Report Number : 3083588-2

Sample Number	2493798-1
Sampled Date	Sep 23, 2024 9:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 23, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Sansoen Khuiyoksul

Remark :
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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493799
Date Received : Sep 24, 2024
Date Reported : Sep 27, 2024
Report Number : 3083592-1

Sample Number	2493799-1
Sampled Date	Sep 24, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 24, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-0041

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493799
Date Received : Sep 24, 2024
Date Reported : Sep 27, 2024
Report Number : 3083592-2

Sample Number	2493799-1
Sampled Date	Sep 24, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 24, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493800
Date Received : Sep 25, 2024
Date Reported : Sep 27, 2024
Report Number : 3083593-1

Sample Number	2493800-1
Sampled Date	Sep 25, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 25, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		33.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Sansoen Khuiyoksul

Remark :
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Photchana Seeda
Scientist (4)

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493800
Date Received : Sep 25, 2024
Date Reported : Sep 27, 2024
Report Number : 3083593-2

Sample Number 2493800-1
Sampled Date Sep 25, 2024 9:30 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 25, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Sansoen Khuiyoksul

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Photchana Seeda
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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493806
Date Received : Sep 26, 2024
Date Reported : Sep 30, 2024
Report Number : 3083595-1

Sample Number 2493806-1
Sampled Date Sep 26, 2024 9:00 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 26, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ก-0041

Remark :
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493806
Date Received : Sep 26, 2024
Date Reported : Sep 30, 2024
Report Number : 3083595-2

Sample Number 2493806-1
Sampled Date Sep 26, 2024 9:00 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 26, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Approved by
Photchana S.
Photchana Seeda
Scientist (4)

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493807
Date Received : Sep 27, 2024
Date Reported : Oct 01, 2024
Report Number : 3083596-1

Sample Number 2493807-1
Sampled Date Sep 27, 2024 9:05 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Sep 27, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Wasan Kirisunti ทะเบียนเลขที่ ว-323-ก-0019

Remark :
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493807
Date Received : Sep 27, 2024
Date Reported : Oct 01, 2024
Report Number : 3083596-2

Sample Number	2493807-1
Sampled Date	Sep 27, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 27, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	3.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Wasan Kinunti

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

LABORATORY ACCREDITATION ISO/IEC 17025 TESTING No.0042

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493808
Date Received : Sep 28, 2024
Date Reported : Oct 01, 2024
Report Number : 3083598-1

Sample Number	2493808-1
Sampled Date	Sep 28, 2024 9:31 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 28, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-ง-0021

Remark :
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- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493808
Date Received : Sep 28, 2024
Date Reported : Oct 01, 2024
Report Number : 3083598-2

Sample Number	2493808-1
Sampled Date	Sep 28, 2024 9:31 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 28, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Suphanat Sakulk

Remark :
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Approved by Photchana S.
Photchana Seeda
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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

LABORATORY ACCREDITATION ISO/IEC 17025 TESTING No.0042

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493809
Date Received : Sep 29, 2024
Date Reported : Oct 03, 2024
Report Number : 3083599-1

Sample Number	2493809-1
Sampled Date	Sep 29, 2024 8:53 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 29, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		32.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Suphanat Sakulk

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493809
Date Received : Sep 29, 2024
Date Reported : Oct 03, 2024
Report Number : 3083599-2

Sample Number	2493809-1
Sampled Date	Sep 29, 2024 8:53 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 29, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Suphanat Sakulk

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Photchana S.
Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493810
Date Received : Sep 30, 2024
Date Reported : Oct 03, 2024
Report Number : 3083601-1

Sample Number	2493810-1
Sampled Date	Sep 30, 2024 9:07 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 30, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Phongthep Sitthiloh

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Photchana S.
Photchana Seeda
Scientist (4)

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493810
Date Received : Sep 30, 2024
Date Reported : Oct 03, 2024
Report Number : 3083601-2

Sample Number	2493810-1
Sampled Date	Sep 30, 2024 9:07 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Sep 30, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Phongthep Sitthiloh

Remark :
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Approved by
Photchana S.
Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24102689
Date Received : Oct 08, 2024
Date Reported : Oct 15, 2024
Report Number : 3105537-1

Sample Number	24102689-1
Sampled Date	Oct 08, 2024 9:37 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 08, 2024
Condition of Sample	Contained in one amber glass bottle and four plastic bottles. sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	37	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	764	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	3.9	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

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).
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-ง-0006 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-ง-0002

Remark :
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24102689
Date Received : Oct 08, 2024
Date Reported : Oct 15, 2024
Report Number : 3105537-1

- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Photchana S.

Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

TESTING
No.0009

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24102689
Date Received : Oct 08, 2024
Date Reported : Oct 16, 2024
Report Number : 3105537-2

Sample Number 24102689-1
Sampled Date Oct 08, 2024 9:37 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 09, 2024
Condition of Sample Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.003	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	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).
Sampling By : Nattawut Athompromrarat ทะเบียนเลขที่ ว-323-ก-0006 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-ก-0002

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

Chanattagarn Imchom
Section Head
ทะเบียนเลขที่ ว-204-ก-0008

Approved by

Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

TESTING
No.0009

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24102689
Date Received : Oct 08, 2024
Date Reported : Oct 16, 2024
Report Number : 3105537-3

Sample Number 24102689-1
Sampled Date Oct 08, 2024 9:37 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 08, 2024
Condition of Sample Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.07	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing							
Nitrate as N *	mg/L	0.015	0.05	1.30	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-NO3 (E)	Rayong

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).
Sampling By : Nattawut Athompromrarat , Pattarapol Sawangjaitam

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Approved by

Chanattagarn Imchom
Section Head

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104318
Date Received : Oct 01, 2024
Date Reported : Oct 04, 2024
Report Number : 3105556-1

Sample Number 24104318-1
Sampled Date Oct 01, 2024 9:35 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 01, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		33.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-ก-0005

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Technical Management

Photchana S.

Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104318
Date Received : Oct 01, 2024
Date Reported : Oct 04, 2024
Report Number : 3105556-2

Sample Number 24104318-1
Sampled Date Oct 01, 2024 9:35 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 01, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Sansoen Khuiyoksul

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Approved by Photchana S.
Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104319
Date Received : Oct 02, 2024
Date Reported : Oct 04, 2024
Report Number : 3105565-1

Sample Number 24104319-1
Sampled Date Oct 02, 2024 9:19 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 02, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Suphanat Sakulk

Remark :
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Approved by Photchana S.
Photchana Seeda
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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104319
Date Received : Oct 02, 2024
Date Reported : Oct 04, 2024
Report Number : 3105565-2

Sample Number 24104319-1
Sampled Date Oct 02, 2024 9:19 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 02, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Suphanat Sakulk

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104320
Date Received : Oct 03, 2024
Date Reported : Oct 07, 2024
Report Number : 3105569-1

Sample Number 24104320-1
Sampled Date Oct 03, 2024 9:35 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 03, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)
Physical Property Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Chainuyorn Lertpanthakunchai หมายเลขที่ ว-323-ว-0041

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104320
Date Received : Oct 03, 2024
Date Reported : Oct 07, 2024
Report Number : 3105569-1

Sample Number 24104320-1
Sampled Date Oct 03, 2024 9:35 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 03, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)
Physical Property Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Chainuyorn Lertpanthakunchai หมายเลขที่ ว-323-ว-0041

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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ว-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ว-0001

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Client : Global Power Synergy Public Company Limited
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P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104320
Date Received : Oct 03, 2024
Date Reported : Oct 07, 2024
Report Number : 3105569-2

Sample Number	24104320-1
Sampled Date	Oct 03, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 03, 2024
Condition of Sample	Contained in one plastic bottle. Sample coatainers comply to pretreatment - preservation standards (APHA / USEPA)
Physical Property	Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104321
Date Received : Oct 04, 2024
Date Reported : Oct 07, 2024
Report Number : 3105570-1

Sample Number	24104321-1
Sampled Date	Oct 04, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 04, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ก-0038

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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104321
Date Received : Oct 04, 2024
Date Reported : Oct 07, 2024
Report Number : 3105570-2

Sample Number	24104321-1
Sampled Date	Oct 04, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 04, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Wanlop Hunchainaow

Remark :
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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104322
Date Received : Oct 05, 2024
Date Reported : Oct 08, 2024
Report Number : 3105571-1

Sample Number	24104322-1
Sampled Date	Oct 05, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 05, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Phongthep Sitthiloh ทะเบียนเลขที่ ว-323-ก-0023

Remark :
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Technical Management
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ก-0031

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104322
Date Received : Oct 05, 2024
Date Reported : Oct 08, 2024
Report Number : 3105571-2

Sample Number	24104322-1
Sampled Date	Oct 05, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 05, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Phongthep Sitthiloh

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Approved by Chontichak
Chonticha Subongkoch
Scientist (3)

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences www.alsglobal.com
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104323
Date Received : Oct 06, 2024
Date Reported : Oct 09, 2024
Report Number : 3105574-1

Sample Number	24104323-1
Sampled Date	Oct 06, 2024 8:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 06, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Phongthep Sitthiloh ทะเบียนเลขที่ ว-323-ก-0023

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104323
Date Received : Oct 06, 2024
Date Reported : Oct 09, 2024
Report Number : 3105574-2

Sample Number	24104323-1
Sampled Date	Oct 06, 2024 8:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 06, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Phongthep Sitthiloh

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104325
Date Received : Oct 07, 2024
Date Reported : Oct 09, 2024
Report Number : 3105577-1

Sample Number	24104325-1
Sampled Date	Oct 07, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 07, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		32.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Narunat thammasaro ทะเบียนเลขที่ ว-323-ก-0052

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104325
Date Received : Oct 07, 2024
Date Reported : Oct 09, 2024
Report Number : 3105577-2

Sample Number	24104325-1
Sampled Date	Oct 07, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 07, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Narunat thammasaro

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Approved by
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104326
Date Received : Oct 08, 2024
Date Reported : Oct 11, 2024
Report Number : 3105578-1

Sample Number	24104326-1
Sampled Date	Oct 08, 2024 9:37 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 08, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Nattawut Athompromrarat ทะเบียนเลขที่ ว-323-ก-0006

Remark :
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104326
Date Received : Oct 08, 2024
Date Reported : Oct 11, 2024
Report Number : 3105578-2

Sample Number	24104326-1
Sampled Date	Oct 08, 2024 9:37 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 08, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Nattawut Athompromrarat

Remark :
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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104327
Date Received : Oct 09, 2024
Date Reported : Oct 12, 2024
Report Number : 3105587-1

Sample Number	24104327-1
Sampled Date	Oct 09, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 09, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		33.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ก-0038

Remark :
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104327
Date Received : Oct 09, 2024
Date Reported : Oct 12, 2024
Report Number : 3105587-2

Sample Number	24104327-1
Sampled Date	Oct 09, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 09, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Wanlop Hunchainaow

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Photchana Seeda
Scientist (4)

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104328
Date Received : Oct 10, 2024
Date Reported : Oct 12, 2024
Report Number : 3105590-1

Sample Number	24104328-1
Sampled Date	Oct 10, 2024 9:14 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 10, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-0041

Remark :
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104328
Date Received : Oct 10, 2024
Date Reported : Oct 12, 2024
Report Number : 3105590-2

Sample Number	24104328-1
Sampled Date	Oct 10, 2024 9:14 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 10, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104329
Date Received : Oct 11, 2024
Date Reported : Oct 16, 2024
Report Number : 3105592-1

Sample Number	24104329-1
Sampled Date	Oct 11, 2024 9:23 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 11, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Phongthep Sitthiloh ทะเบียนเลขที่ ว-323-ง-0023

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104329
Date Received : Oct 11, 2024
Date Reported : Oct 16, 2024
Report Number : 3105592-2

Sample Number	24104329-1
Sampled Date	Oct 11, 2024 9:23 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 11, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Phongthep Sitthiloh

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104330
Date Received : Oct 12, 2024
Date Reported : Oct 16, 2024
Report Number : 3105594-1

Sample Number	24104330-1
Sampled Date	Oct 12, 2024 8:34 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 12, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-ก-0021

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104330
Date Received : Oct 12, 2024
Date Reported : Oct 16, 2024
Report Number : 3105594-2

Sample Number	24104330-1
Sampled Date	Oct 12, 2024 8:34 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 12, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Suphanat Sakulk

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104331
Date Received : Oct 13, 2024
Date Reported : Oct 18, 2024
Report Number : 3105596-1

Sample Number	24104331-1
Sampled Date	Oct 13, 2024 8:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 13, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		32.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-ก-0021

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104331
Date Received : Oct 13, 2024
Date Reported : Oct 18, 2024
Report Number : 3105596-2

Sample Number 24104331-1
Sampled Date Oct 13, 2024 8:20 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 13, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Suphanat Sakulk

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Photchana S.
Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104332
Date Received : Oct 14, 2024
Date Reported : Oct 18, 2024
Report Number : 3105599-1

Sample Number 24104332-1
Sampled Date Oct 14, 2024 8:27 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 14, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Suphanat Sakulk หมายเลขที่ ว-323-ก-0021

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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
หมายเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
หมายเลขที่ ว-323-ก-0001

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Analysis / Test Report

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104332
Date Received : Oct 14, 2024
Date Reported : Oct 18, 2024
Report Number : 3105599-2

Sample Number 24104332-1
Sampled Date Oct 14, 2024 8:27 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 14, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Suphanat Sakulk

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Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
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P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104333
Date Received : Oct 15, 2024
Date Reported : Oct 18, 2024
Report Number : 3105601-1

Sample Number 24104333-1
Sampled Date Oct 15, 2024 9:00 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 15, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Narunat thammasaro หมายเลขที่ ว-323-ก-0052

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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
หมายเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
หมายเลขที่ ว-323-ก-0001

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104333
Date Received : Oct 15, 2024
Date Reported : Oct 18, 2024
Report Number : 3105601-2

Sample Number	24104333-1
Sampled Date	Oct 15, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 15, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Narunat thammasaro

Remark :
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Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104334
Date Received : Oct 16, 2024
Date Reported : Oct 19, 2024
Report Number : 3105606-1

Sample Number	24104334-1
Sampled Date	Oct 16, 2024 9:28 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 16, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ว-0051

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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ว-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104334
Date Received : Oct 16, 2024
Date Reported : Oct 19, 2024
Report Number : 3105606-2

Sample Number	24104334-1
Sampled Date	Oct 16, 2024 9:28 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 16, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

Remark :
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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104335
Date Received : Oct 17, 2024
Date Reported : Oct 19, 2024
Report Number : 3105607-1

Sample Number	24104335-1
Sampled Date	Oct 17, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 17, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		33.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Amonwich Wongsachai ทะเบียนเลขที่ ว-323-ว-0040

Remark :
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Technical Management Photchana S.
Photchana Seeda
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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104335
Date Received : Oct 17, 2024
Date Reported : Oct 19, 2024
Report Number : 3105607-2

Sample Number 24104335-1
Sampled Date Oct 17, 2024 9:05 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 17, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Amonwich Wongsachal

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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 Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104336
Date Received : Oct 18, 2024
Date Reported : Oct 22, 2024
Report Number : 3105608-1

Sample Number 24104336-1
Sampled Date Oct 18, 2024 9:15 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 18, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.1	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Amonwich Wongsachal ทะเบียนเลขที่ ว-323-ก-0040

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104336
Date Received : Oct 18, 2024
Date Reported : Oct 22, 2024
Report Number : 3105609-2

Sample Number 24104336-1
Sampled Date Oct 18, 2024 9:15 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 18, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Amonwich Wongsachal

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104337
Date Received : Oct 19, 2024
Date Reported : Oct 22, 2024
Report Number : 3105609-1

Sample Number 24104337-1
Sampled Date Oct 19, 2024 9:05 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 19, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Ekkachai Tuntong ทะเบียนเลขที่ ว-323-ก-0022

Remark :
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Photchana Seeda
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104337
Date Received : Oct 19, 2024
Date Reported : Oct 22, 2024
Report Number : 3105609-2

Sample Number 24104337-1
Sampled Date Oct 19, 2024 9:05 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 19, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Ekkachai Tuntong

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104338
Date Received : Oct 20, 2024
Date Reported : Oct 24, 2024
Report Number : 3105610-1

Sample Number 24104338-1
Sampled Date Oct 20, 2024 9:45 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 20, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Ekkachai Tuntong ทะเบียนเลขที่ ว-323-ก-0022

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104338
Date Received : Oct 20, 2024
Date Reported : Oct 24, 2024
Report Number : 3105610-2

Sample Number 24104338-1
Sampled Date Oct 20, 2024 9:45 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 20, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Ekkachai Tuntong

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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104339
Date Received : Oct 21, 2024
Date Reported : Oct 24, 2024
Report Number : 3105611-1

Sample Number 24104339-1
Sampled Date Oct 21, 2024 9:35 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 21, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ก-0051

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104339
Date Received : Oct 21, 2024
Date Reported : Oct 24, 2024
Report Number : 3105611-2

Sample Number 24104339-1
Sampled Date Oct 21, 2024 9:35 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 21, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104340
Date Received : Oct 22, 2024
Date Reported : Oct 25, 2024
Report Number : 3105613-1

Sample Number 24104340-1
Sampled Date Oct 22, 2024 9:10 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 22, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Ekkachai Tuntong ทะเบียนเลขที่ ว-323-ง-0022

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104340
Date Received : Oct 22, 2024
Date Reported : Oct 25, 2024
Report Number : 3105613-2

Sample Number 24104340-1
Sampled Date Oct 22, 2024 9:10 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 22, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Ekkachai Tuntong

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104341
Date Received : Oct 23, 2024
Date Reported : Oct 25, 2024
Report Number : 3105614-1

Sample Number 24104341-1
Sampled Date Oct 23, 2024 8:55 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 23, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-0041

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104341
Date Received : Oct 23, 2024
Date Reported : Oct 25, 2024
Report Number : 3105614-2

Sample Number 24104341-1
Sampled Date Oct 23, 2024 8:55 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 23, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104342
Date Received : Oct 24, 2024
Date Reported : Oct 26, 2024
Report Number : 3105617-1

Sample Number 24104342-1
Sampled Date Oct 24, 2024 9:05 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 24, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ก-0041

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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104342
Date Received : Oct 24, 2024
Date Reported : Oct 26, 2024
Report Number : 3105617-2

Sample Number 24104342-1
Sampled Date Oct 24, 2024 9:05 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 24, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

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Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104343
Date Received : Oct 25, 2024
Date Reported : Oct 28, 2024
Report Number : 3105618-1

Sample Number 24104343-1
Sampled Date Oct 25, 2024 9:12 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 25, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ก-0051

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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104343
Date Received : Oct 25, 2024
Date Reported : Oct 28, 2024
Report Number : 3105618-2

Sample Number	24104343-1
Sampled Date	Oct 25, 2024 9:12 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 25, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

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Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104344
Date Received : Oct 26, 2024
Date Reported : Oct 28, 2024
Report Number : 3105619-1

Sample Number	24104344-1
Sampled Date	Oct 26, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 26, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-0051

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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104344
Date Received : Oct 26, 2024
Date Reported : Oct 28, 2024
Report Number : 3105619-2

Sample Number	24104344-1
Sampled Date	Oct 26, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 26, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

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Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104345
Date Received : Oct 27, 2024
Date Reported : Oct 30, 2024
Report Number : 3105620-1

Sample Number	24104345-1
Sampled Date	Oct 27, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Oct 27, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-0051

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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104345
Date Received : Oct 27, 2024
Date Reported : Oct 30, 2024
Report Number : 3105620-2

Sample Number 24104345-1
Sampled Date Oct 27, 2024 9:05 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 27, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104347
Date Received : Oct 28, 2024
Date Reported : Oct 31, 2024
Report Number : 3105622-1

Sample Number 24104347-1
Sampled Date Oct 28, 2024 9:40 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 28, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104347
Date Received : Oct 28, 2024
Date Reported : Oct 31, 2024
Report Number : 3105622-2

Sample Number 24104347-1
Sampled Date Oct 28, 2024 9:40 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 28, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).

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Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104348
Date Received : Oct 29, 2024
Date Reported : Nov 01, 2024
Report Number : 3105623-1

Sample Number 24104348-1
Sampled Date Oct 29, 2024 9:50 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 29, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ก-0051

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104348
Date Received : Oct 29, 2024
Date Reported : Nov 01, 2024
Report Number : 3105623-2

Sample Number 24104348-1
Sampled Date Oct 29, 2024 9:50 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 29, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104349
Date Received : Oct 30, 2024
Date Reported : Nov 01, 2024
Report Number : 3105624-1

Sample Number 24104349-1
Sampled Date Oct 30, 2024 9:40 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 30, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Warunyoo Chimphalee ทะเบียนเลขที่ ว-323-ก-0020

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104349
Date Received : Oct 30, 2024
Date Reported : Nov 01, 2024
Report Number : 3105624-2

Sample Number 24104349-1
Sampled Date Oct 30, 2024 9:40 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 30, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Warunyoo Chimphalee

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104350
Date Received : Oct 31, 2024
Date Reported : Nov 02, 2024
Report Number : 3105625-1

Sample Number 24104350-1
Sampled Date Oct 31, 2024 9:35 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 31, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-ก-0005

Remark :
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104350
Date Received : Oct 31, 2024
Date Reported : Nov 02, 2024
Report Number : 3105625-2

Sample Number 24104350-1
Sampled Date Oct 31, 2024 9:35 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Oct 31, 2024
Condition of Sample Contained in one plastic bottle. Sample coatainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Sansoen Khuiyoksul

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114755
Date Received : Nov 12, 2024
Date Reported : Nov 19, 2024
Report Number : 3128734-1

Sample Number 24114755-1
Sampled Date Nov 12, 2024 9:30 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 12, 2024
Condition of Sample Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	29	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
Residual Free Chlorine *	mg/L	-	0.1	0.2	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	612	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	2.7	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	6	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ก-0041 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-ง-0002

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114755
Date Received : Nov 12, 2024
Date Reported : Nov 19, 2024
Report Number : 3128734-1

- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Analysis / Test Report

TESTING
No.0009

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114755
Date Received : Nov 12, 2024
Date Reported : Nov 19, 2024
Report Number : 3128734-2

Sample Number 24114755-1
Sampled Date Nov 12, 2024 9:30 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 13, 2024
Condition of Sample Contained in one amber glass bottle and four plastic bottles. sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.009	<2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ก-0041 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-ง-0002

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Technical Management Sawitree N.
Sawitree Noisangjam
Manager
ทะเบียนเลขที่ ว-204-ง-0007

Approved by Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ง-0004

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Analysis / Test Report

TESTING
No.0009

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114755
Date Received : Nov 12, 2024
Date Reported : Nov 19, 2024
Report Number : 3128734-3

Sample Number	24114755-1
Sampled Date	Nov 12, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 12, 2024
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.11	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing							
Nitrate as N *	mg/L	0.015	0.05	0.68	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-NO3 (E)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai , Patcharapol Sawangjaitam

Remark :
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Approved by Sawitree N.
Sawitree Noisangiam
Manager

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114758
Date Received : Nov 01, 2024
Date Reported : Nov 05, 2024
Report Number : 3128747-1

Sample Number	24114758-1
Sampled Date	Nov 01, 2024 9:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 01, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-0051

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 Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by D. Changchon
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114758
Date Received : Nov 01, 2024
Date Reported : Nov 05, 2024
Report Number : 3128747-2

Sample Number	24114758-1
Sampled Date	Nov 01, 2024 9:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 01, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114759
Date Received : Nov 02, 2024
Date Reported : Nov 06, 2024
Report Number : 3128749-1

Sample Number	24114759-1
Sampled Date	Nov 02, 2024 8:55 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 02, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Nattawut Athompromrarat ทะเบียนเลขที่ ว-323-ง-0006

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by D. Changchon
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114759
Date Received : Nov 02, 2024
Date Reported : Nov 06, 2024
Report Number : 3128749-2

Sample Number 24114759-1
Sampled Date Nov 02, 2024 8:55 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 02, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Nattawut Athomprommarat

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Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114760
Date Received : Nov 03, 2024
Date Reported : Nov 06, 2024
Report Number : 3128846-1

Sample Number 24114760-1
Sampled Date Nov 03, 2024 8:12 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 03, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-ก-0006

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114760
Date Received : Nov 03, 2024
Date Reported : Nov 06, 2024
Report Number : 3128846-2

Sample Number 24114760-1
Sampled Date Nov 03, 2024 8:12 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 03, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Nattawut Athomprommarat

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114761
Date Received : Nov 04, 2024
Date Reported : Nov 07, 2024
Report Number : 3128847-1

Sample Number 24114761-1
Sampled Date Nov 04, 2024 9:10 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 04, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ก-0038

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114761
Date Received : Nov 04, 2024
Date Reported : Nov 07, 2024
Report Number : 3128847-2

Sample Number	24114761-1
Sampled Date	Nov 04, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 04, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Wanlop Hunchainaow

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Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114762
Date Received : Nov 05, 2024
Date Reported : Nov 08, 2024
Report Number : 3128848-1

Sample Number	24114762-1
Sampled Date	Nov 05, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 05, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ก-0038

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114762
Date Received : Nov 05, 2024
Date Reported : Nov 08, 2024
Report Number : 3128848-2

Sample Number	24114762-1
Sampled Date	Nov 05, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 05, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Wanlop Hunchainaow

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114763
Date Received : Nov 06, 2024
Date Reported : Nov 09, 2024
Report Number : 3128849-1

Sample Number	24114763-1
Sampled Date	Nov 06, 2024 8:58 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 06, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Suphanat Sakulki ทะเบียนเลขที่ ว-323-ก-0021

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114763
Date Received : Nov 06, 2024
Date Reported : Nov 09, 2024
Report Number : 3128849-2

Sample Number 24114763-1
Sampled Date Nov 06, 2024 8:58 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 06, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Suphanat Sakulk

Remark :
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Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114764
Date Received : Nov 07, 2024
Date Reported : Nov 09, 2024
Report Number : 3128851-1

Sample Number 24114764-1
Sampled Date Nov 07, 2024 9:08 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 07, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-0041

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114764
Date Received : Nov 07, 2024
Date Reported : Nov 09, 2024
Report Number : 3128851-2

Sample Number 24114764-1
Sampled Date Nov 07, 2024 9:08 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 07, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Life Sciences www.alsglobal.com
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114765
Date Received : Nov 08, 2024
Date Reported : Nov 12, 2024
Report Number : 3128952-1

Sample Number 24114765-1
Sampled Date Nov 08, 2024 9:32 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 08, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.1	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Phongthep Sitthiloh ทะเบียนเลขที่ ว-323-ง-0023

Remark :
- LOD : Limit of Detection
- "<" : 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 Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114765
Date Received : Nov 08, 2024
Date Reported : Nov 12, 2024
Report Number : 3128852-2

Sample Number 24114765-1
Sampled Date Nov 08, 2024 9:32 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 08, 2024
Condition of Sample Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Phongthep Sitthiloh

Remark :
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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114766
Date Received : Nov 09, 2024
Date Reported : Nov 13, 2024
Report Number : 3128853-1

Sample Number 24114766-1
Sampled Date Nov 09, 2024 9:00 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 09, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-0051

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114766
Date Received : Nov 09, 2024
Date Reported : Nov 13, 2024
Report Number : 3128853-2

Sample Number 24114766-1
Sampled Date Nov 09, 2024 9:00 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 09, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114767
Date Received : Nov 10, 2024
Date Reported : Nov 14, 2024
Report Number : 3128854-1

Sample Number 24114767-1
Sampled Date Nov 10, 2024 9:00 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 10, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-0051

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114767
Date Received : Nov 10, 2024
Date Reported : Nov 14, 2024
Report Number : 3128854-2

Sample Number	24114767-1
Sampled Date	Nov 10, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 10, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114768
Date Received : Nov 11, 2024
Date Reported : Nov 14, 2024
Report Number : 3128856-1

Sample Number	24114768-1
Sampled Date	Nov 11, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 11, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-ง-0005

Remark :
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114768
Date Received : Nov 11, 2024
Date Reported : Nov 14, 2024
Report Number : 3128856-2

Sample Number	24114768-1
Sampled Date	Nov 11, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 11, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Sansoen Khuiyoksui

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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114769
Date Received : Nov 12, 2024
Date Reported : Nov 15, 2024
Report Number : 3128858-1

Sample Number	24114769-1
Sampled Date	Nov 12, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 12, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-0041

Remark :
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114769
Date Received : Nov 12, 2024
Date Reported : Nov 15, 2024
Report Number : 3128858-2

Sample Number 24114769-1
Sampled Date Nov 12, 2024 9:30 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 12, 2024
Condition of Sample Contained in one plastic bottle. Sample coatainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114770
Date Received : Nov 13, 2024
Date Reported : Nov 16, 2024
Report Number : 3128860-1

Sample Number 24114770-1
Sampled Date Nov 13, 2024 9:00 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 13, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ก-0041

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114770
Date Received : Nov 13, 2024
Date Reported : Nov 16, 2024
Report Number : 3128860-2

Sample Number 24114770-1
Sampled Date Nov 13, 2024 9:00 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 13, 2024
Condition of Sample Contained in one plastic bottle. Sample coatainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Approved by Photchana S.
Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114771
Date Received : Nov 14, 2024
Date Reported : Nov 16, 2024
Report Number : 3128861-1

Sample Number 24114771-1
Sampled Date Nov 14, 2024 9:22 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 14, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)
Physical Property Yellow, some odour, a lot of solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ก-0038

Remark :
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114771
Date Received : Nov 14, 2024
Date Reported : Nov 16, 2024
Report Number : 3128863-2

Sample Number	24114771-1
Sampled Date	Nov 14, 2024 9:22 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 14, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)
Physical Property	Yellow, some odour, a lot of solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Wanlop Hunchainaoiw

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114772
Date Received : Nov 15, 2024
Date Reported : Nov 19, 2024
Report Number : 3128965-1

Sample Number	24114772-1
Sampled Date	Nov 15, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 15, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-0051

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114772
Date Received : Nov 15, 2024
Date Reported : Nov 19, 2024
Report Number : 3128865-2

Sample Number	24114772-1
Sampled Date	Nov 15, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 15, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

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Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114773
Date Received : Nov 16, 2024
Date Reported : Nov 20, 2024
Report Number : 3128967-1

Sample Number	24114773-1
Sampled Date	Nov 16, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 16, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		32.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-0051

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114773
Date Received : Nov 16, 2024
Date Reported : Nov 20, 2024
Report Number : 3128867-2

Sample Number	24114773-1
Sampled Date	Nov 16, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 16, 2024
Condition of Sample	Contained in one plastic bottle. Sample coatainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114774
Date Received : Nov 17, 2024
Date Reported : Nov 21, 2024
Report Number : 3128870-1

Sample Number	24114774-1
Sampled Date	Nov 17, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 17, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ก-0051

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114774
Date Received : Nov 17, 2024
Date Reported : Nov 21, 2024
Report Number : 3128870-2

Sample Number	24114774-1
Sampled Date	Nov 17, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 17, 2024
Condition of Sample	Contained in one plastic bottle. Sample coatainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114775
Date Received : Nov 18, 2024
Date Reported : Nov 21, 2024
Report Number : 3128871-1

Sample Number	24114775-1
Sampled Date	Nov 18, 2024 9:17 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 18, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ก-0051

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114775
Date Received : Nov 18, 2024
Date Reported : Nov 21, 2024
Report Number : 3128873-2

Sample Number	24114775-1
Sampled Date	Nov 18, 2024 9:17 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 18, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

Remark :
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Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114776
Date Received : Nov 19, 2024
Date Reported : Dec 03, 2024
Report Number : 3129018-1

Sample Number	24114776-1
Sampled Date	Nov 19, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 19, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ก-0038

Remark :
- LOD : Limit of Detection
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114776
Date Received : Nov 19, 2024
Date Reported : Dec 03, 2024
Report Number : 3129018-2

Sample Number	24114776-1
Sampled Date	Nov 19, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 19, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Wanlop Hunchainaow

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114777
Date Received : Nov 20, 2024
Date Reported : Nov 23, 2024
Report Number : 3129019-1

Sample Number	24114777-1
Sampled Date	Nov 20, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 20, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Warunyoo Chimphalee ทะเบียนเลขที่ ว-323-ก-0020

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Technical Management Photchana S.
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ทะเบียนเลขที่ ว-323-ก-0028

Approved by
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Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114777
Date Received : Nov 20, 2024
Date Reported : Nov 23, 2024
Report Number : 3129019-2

Sample Number	24114777-1
Sampled Date	Nov 20, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภหน้าทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 20, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Warunyoo Chimphalee

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114778
Date Received : Nov 21, 2024
Date Reported : Nov 23, 2024
Report Number : 3129020-1

Sample Number	24114778-1
Sampled Date	Nov 21, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภหน้าทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 21, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ก-0041

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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114778
Date Received : Nov 21, 2024
Date Reported : Nov 23, 2024
Report Number : 3129020-2

Sample Number	24114778-1
Sampled Date	Nov 21, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภหน้าทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 21, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

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TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114779
Date Received : Nov 22, 2024
Date Reported : Nov 25, 2024
Report Number : 3129022-1

Sample Number	24114779-1
Sampled Date	Nov 22, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภหน้าทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 22, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ก-0041

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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114779
Date Received : Nov 22, 2024
Date Reported : Nov 25, 2024
Report Number : 3129022-2

Sample Number	24114779-1
Sampled Date	Nov 22, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 22, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114780
Date Received : Nov 23, 2024
Date Reported : Nov 27, 2024
Report Number : 3129023-1

Sample Number	24114780-1
Sampled Date	Nov 23, 2024 9:04 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 23, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-ก-0011

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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114780
Date Received : Nov 23, 2024
Date Reported : Nov 27, 2024
Report Number : 3129023-2

Sample Number	24114780-1
Sampled Date	Nov 23, 2024 9:04 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 23, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Surawit Narapong

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114781
Date Received : Nov 24, 2024
Date Reported : Nov 28, 2024
Report Number : 3129024-1

Sample Number	24114781-1
Sampled Date	Nov 24, 2024 9:41 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 24, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		31.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-ก-0011

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Photchana Seeda
Scientist (4)
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Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114781
Date Received : Nov 24, 2024
Date Reported : Nov 28, 2024
Report Number : 3129024-2

Sample Number	24114781-1
Sampled Date	Nov 24, 2024 9:41 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 26, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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Sampling By : Surawit Narapong

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114782
Date Received : Nov 25, 2024
Date Reported : Nov 28, 2024
Report Number : 3129025-1

Sample Number	24114782-1
Sampled Date	Nov 25, 2024 9:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 25, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-0051

Remark :
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114782
Date Received : Nov 25, 2024
Date Reported : Nov 28, 2024
Report Number : 3129025-2

Sample Number	24114782-1
Sampled Date	Nov 25, 2024 9:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 26, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114783
Date Received : Nov 26, 2024
Date Reported : Nov 29, 2024
Report Number : 3129026-1

Sample Number	24114783-1
Sampled Date	Nov 26, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 26, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		31.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ง-0038

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114783
Date Received : Nov 26, 2024
Date Reported : Nov 29, 2024
Report Number : 3129026-1

Sample Number	24114783-1
Sampled Date	Nov 26, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 26, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		31.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ง-0038

Remark :
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chonticha S.
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ง-0031

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114783
Date Received : Nov 26, 2024
Date Reported : Nov 29, 2024
Report Number : 3129026-2

Sample Number	24114783-1
Sampled Date	Nov 26, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 26, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Wanlop Hunchainaow

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Approved by Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114784
Date Received : Nov 27, 2024
Date Reported : Nov 29, 2024
Report Number : 3129027-1

Sample Number	24114784-1
Sampled Date	Nov 27, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 27, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Phongthep Sitthiloh ทะเบียนเลขที่ ว-323-ง-0023

Remark :
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Technical Management Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ง-0031

Approved by Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114784
Date Received : Nov 27, 2024
Date Reported : Nov 29, 2024
Report Number : 3129027-2

Sample Number	24114784-1
Sampled Date	Nov 27, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 27, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Phongthep Sitthiloh

Remark :
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Scientist (3)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114785
Date Received : Nov 28, 2024
Date Reported : Dec 02, 2024
Report Number : 3129028-1

Sample Number	24114785-1
Sampled Date	Nov 28, 2024
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 28, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Suphanat Sakulk ทะเบียนเลขที่ ว-323-ง-0021

Remark :
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Technical Management Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ง-0031

Approved by Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114785
Date Received : Nov 28, 2024
Date Reported : Dec 02, 2024
Report Number : 3129028-2

Sample Number 24114785-1
Sampled Date Nov 28, 2024
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 28, 2024
Condition of Sample Contained in one plastic bottle. Sample coatainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Suphanat Sakulk

Remark :
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Approved by Chontichok
Chonticha Subongkoch
Scientist (3)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114786
Date Received : Nov 29, 2024
Date Reported : Dec 03, 2024
Report Number : 3129029-1

Sample Number 24114786-1
Sampled Date Nov 29, 2024 9:15 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 29, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Narunat thammasaro ทะเบียนเลขที่ ว-323-ง-0052

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114786
Date Received : Nov 29, 2024
Date Reported : Dec 03, 2024
Report Number : 3129029-2

Sample Number 24114786-1
Sampled Date Nov 29, 2024 9:15 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 29, 2024
Condition of Sample Contained in one plastic bottle. Sample coatainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Narunat thammasaro

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114787
Date Received : Nov 30, 2024
Date Reported : Dec 03, 2024
Report Number : 3129030-1

Sample Number 24114787-1
Sampled Date Nov 30, 2024 8:16 AM
Sample Description Wastewater
Location บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced Nov 30, 2024
Condition of Sample Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Nattawut Athompromrarat ทะเบียนเลขที่ ว-323-ง-0006

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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24114787
Date Received : Nov 30, 2024
Date Reported : Dec 03, 2024
Report Number : 3129030-2

Sample Number	24114787-1
Sampled Date	Nov 30, 2024 8:16 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Nov 30, 2024
Condition of Sample	Contained in one plastic bottle. Sample coteainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Nattawut Athomprommarat

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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 Photchana S.
Photchana Seeda
Scientist (4)

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24126905
Date Received : Dec 10, 2024
Date Reported : Dec 17, 2024
Report Number : 3156889-1

Sample Number	24126905-1
Sampled Date	Dec 10, 2024 9:42 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 10, 2024
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
Residual Free Chlorine *	mg/L	-	0.1	0.2	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	608	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	2.0	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	7	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-0041 , Pattaiapol Sawangjaitam ทะเบียนเลขที่ ว-204-ง-0002

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 Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24126905
Date Received : Dec 10, 2024
Date Reported : Dec 17, 2024
Report Number : 3156889-1

- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Analysis / Test Report

TESTING
No.0009

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24126905
Date Received : Dec 10, 2024
Date Reported : Dec 17, 2024
Report Number : 3156889-2

Sample Number	24126905-1
Sampled Date	Dec 10, 2024 9:42 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 11, 2024
Condition of Sample	Contained in one amber glass bottle and four plastic bottles. sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Copper	mg/L	0.0003	0.0005	0.008	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-0041 , Pattaiapol Sawangjaitam ทะเบียนเลขที่ ว-204-ง-0002

Remark :
- LOD : Limit of Detection
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- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Technical Management Sawitree N.
Sawitree Noisangjam
Manager
ทะเบียนเลขที่ ว-204-ง-0007

Approved by
Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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.

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Analysis / Test Report

TESTING
No.0009

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24126905
Date Received : Dec 10, 2024
Date Reported : Dec 17, 2024
Report Number : 3156889-3

Sample Number	24126905-1
Sampled Date	Dec 10, 2024 9:42 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 10, 2024
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.02	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing							
Nitrate as N *	mg/L	0.015	0.05	0.73	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-NO3 (E)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai , Pattarapol Sawangjaitam

Remark :
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Approved by
Sawitree N.
Sawitree Noisangiam
Manager

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24128041
Date Received : Dec 01, 2024
Date Reported : Dec 06, 2024
Report Number : 3160022-1

Sample Number	24128041-1
Sampled Date	Dec 01, 2024 8:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 01, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-ก-0006

Remark :
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24128041
Date Received : Dec 01, 2024
Date Reported : Dec 06, 2024
Report Number : 3160022-2

Sample Number	24128041-1
Sampled Date	Dec 01, 2024 8:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 01, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Nattawut Athomprommarat

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Approved by
Photchana S.
Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24128042
Date Received : Dec 02, 2024
Date Reported : Dec 06, 2024
Report Number : 3160023-1

Sample Number	24128042-1
Sampled Date	Dec 02, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 02, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	30.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ก-0038

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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128042
Date Received : Dec 02, 2024
Date Reported : Dec 06, 2024
Report Number : 3160023-2

Sample Number	24128042-1
Sampled Date	Dec 02, 2024 9:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 02, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	4.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Wanlop Hunchainaow

Remark :
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Approved by
Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128043
Date Received : Dec 03, 2024
Date Reported : Dec 06, 2024
Report Number : 3160024-1

Sample Number	24128043-1
Sampled Date	Dec 03, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 03, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.1	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-ก-0011

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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128043
Date Received : Dec 03, 2024
Date Reported : Dec 06, 2024
Report Number : 3160024-2

Sample Number	24128043-1
Sampled Date	Dec 03, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 03, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	5.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Surawit Narapong

Remark :
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Approved by
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Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128044
Date Received : Dec 04, 2024
Date Reported : Dec 07, 2024
Report Number : 3160025-1

Sample Number	24128044-1
Sampled Date	Dec 04, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 04, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ก-0041

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
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128044
Date Received : Dec 04, 2024
Date Reported : Dec 07, 2024
Report Number : 3160025-2

Sample Number	24128044-1
Sampled Date	Dec 04, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 04, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128045
Date Received : Dec 05, 2024
Date Reported : Dec 07, 2024
Report Number : 3160026-1

Sample Number	24128045-1
Sampled Date	Dec 05, 2024 9:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 05, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ก-0051

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128045
Date Received : Dec 05, 2024
Date Reported : Dec 07, 2024
Report Number : 3160026-2

Sample Number	24128045-1
Sampled Date	Dec 05, 2024 9:50 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 05, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128046
Date Received : Dec 06, 2024
Date Reported : Dec 09, 2024
Report Number : 3160031-1

Sample Number	24128046-1
Sampled Date	Dec 06, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 06, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.1	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24128046
Date Received : Dec 06, 2024
Date Reported : Dec 09, 2024
Report Number : 3160031-2

Sample Number	24128046-1
Sampled Date	Dec 06, 2024 9:35 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 06, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24128047
Date Received : Dec 07, 2024
Date Reported : Dec 09, 2024
Report Number : 3160032-1

Sample Number	24128047-1
Sampled Date	Dec 07, 2024 8:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 07, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-0051

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24128047
Date Received : Dec 07, 2024
Date Reported : Dec 09, 2024
Report Number : 3160032-2

Sample Number	24128047-1
Sampled Date	Dec 07, 2024 8:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 07, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24128048
Date Received : Dec 08, 2024
Date Reported : Dec 12, 2024
Report Number : 3160033-1

Sample Number	24128048-1
Sampled Date	Dec 08, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 08, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.1	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-0051

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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128048
Date Received : Dec 08, 2024
Date Reported : Dec 12, 2024
Report Number : 3160033-2

Sample Number	24128048-1
Sampled Date	Dec 08, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะทำหน้าที่ของโครงการ (Holding pond)
Date Analysis Commenced	Dec 08, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128049
Date Received : Dec 09, 2024
Date Reported : Dec 12, 2024
Report Number : 3160034-1

Sample Number	24128049-1
Sampled Date	Dec 09, 2024 9:37 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะทำหน้าที่ของโครงการ (Holding pond)
Date Analysis Commenced	Dec 09, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Phongthep Sitthiloh ทะเบียนเลขที่ ว-323-ง-0023

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ทะเบียนเลขที่ ว-323-ง-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128049
Date Received : Dec 09, 2024
Date Reported : Dec 12, 2024
Report Number : 3160034-2

Sample Number	24128049-1
Sampled Date	Dec 09, 2024 9:37 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะทำหน้าที่ของโครงการ (Holding pond)
Date Analysis Commenced	Dec 09, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Phongthep Sitthiloh

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128050
Date Received : Dec 10, 2024
Date Reported : Dec 13, 2024
Report Number : 3160035-1

Sample Number	24128050-1
Sampled Date	Dec 10, 2024 9:42 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะทำหน้าที่ของโครงการ (Holding pond)
Date Analysis Commenced	Dec 10, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	30.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-0041

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128050
Date Received : Dec 10, 2024
Date Reported : Dec 13, 2024
Report Number : 3160035-2

Sample Number	24128050-1
Sampled Date	Dec 10, 2024 9:42 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 10, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128051
Date Received : Dec 11, 2024
Date Reported : Dec 14, 2024
Report Number : 3160037-1

Sample Number	24128051-1
Sampled Date	Dec 11, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 11, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-0041

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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128051
Date Received : Dec 11, 2024
Date Reported : Dec 14, 2024
Report Number : 3160037-2

Sample Number	24128051-1
Sampled Date	Dec 11, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 11, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128052
Date Received : Dec 12, 2024
Date Reported : Dec 16, 2024
Report Number : 3160038-1

Sample Number	24128052-1
Sampled Date	Dec 12, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 12, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ง-0038

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128052
Date Received : Dec 12, 2024
Date Reported : Dec 16, 2024
Report Number : 3160038-1

Sample Number	24128052-1
Sampled Date	Dec 12, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 12, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ง-0038

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Technical Management Chonticha S.
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ง-0031

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ง-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128052
Date Received : Dec 12, 2024
Date Reported : Dec 16, 2024
Report Number : 3160038-2

Sample Number	24128052-1
Sampled Date	Dec 12, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 12, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Wanlop Hunchainaow

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Approved by Chontichak
Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128053
Date Received : Dec 13, 2024
Date Reported : Dec 17, 2024
Report Number : 3160039-1

Sample Number	24128053-1
Sampled Date	Dec 13, 2024 9:12 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 13, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-0041

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128053
Date Received : Dec 13, 2024
Date Reported : Dec 17, 2024
Report Number : 3160039-2

Sample Number	24128053-1
Sampled Date	Dec 13, 2024 9:12 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 13, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128054
Date Received : Dec 14, 2024
Date Reported : Dec 17, 2024
Report Number : 3160040-1

Sample Number	24128054-1
Sampled Date	Dec 14, 2024 8:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 14, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.0	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Nattawut Athompromnarat ทะเบียนเลขที่ ว-323-ง-0006

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128054
Date Received : Dec 14, 2024
Date Reported : Dec 17, 2024
Report Number : 3160040-2

Sample Number	24128054-1
Sampled Date	Dec 14, 2024 8:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 14, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Nattawut Athomprommarat

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128055
Date Received : Dec 15, 2024
Date Reported : Dec 19, 2024
Report Number : 3160045-1

Sample Number	24128055-1
Sampled Date	Dec 15, 2024 8:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 15, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-ก-0006

Remark :
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- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128055
Date Received : Dec 15, 2024
Date Reported : Dec 19, 2024
Report Number : 3160045-2

Sample Number	24128055-1
Sampled Date	Dec 15, 2024 8:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 15, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Nattawut Athomprommarat

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128056
Date Received : Dec 16, 2024
Date Reported : Dec 19, 2024
Report Number : 3160046-1

Sample Number	24128056-1
Sampled Date	Dec 16, 2024 9:09 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 16, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		29.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-ก-0011

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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128056
Date Received : Dec 16, 2024
Date Reported : Dec 19, 2024
Report Number : 3160068-2

Sample Number	24128056-1
Sampled Date	Dec 16, 2024 9:09 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 16, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Surawit Narapong

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128057
Date Received : Dec 17, 2024
Date Reported : Dec 20, 2024
Report Number : 3160066-1

Sample Number	24128057-1
Sampled Date	Dec 17, 2024 9:03 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 17, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-ก-0006

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Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ก-0031

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128057
Date Received : Dec 17, 2024
Date Reported : Dec 20, 2024
Report Number : 3160066-2

Sample Number	24128057-1
Sampled Date	Dec 17, 2024 9:03 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 17, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Nattawut Athomprommarat

Remark :
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Approved by Chontichak
Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128058
Date Received : Dec 18, 2024
Date Reported : Dec 21, 2024
Report Number : 3160065-1

Sample Number	24128058-1
Sampled Date	Dec 18, 2024 9:23 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 18, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		29.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Suphanat Sakulkittimasak ทะเบียนเลขที่ ว-323-ก-0021

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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24128058
Date Received : Dec 18, 2024
Date Reported : Dec 21, 2024
Report Number : 3160065-2

Sample Number	24128058-1
Sampled Date	Dec 18, 2024 9:23 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเสาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 18, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Suphanat Sakulkittimasak

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Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24128059
Date Received : Dec 19, 2024
Date Reported : Dec 21, 2024
Report Number : 3160063-1

Sample Number	24128059-1
Sampled Date	Dec 19, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเสาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 19, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ว-0038

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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ว-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ด-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24128059
Date Received : Dec 19, 2024
Date Reported : Dec 21, 2024
Report Number : 3160063-2

Sample Number	24128059-1
Sampled Date	Dec 19, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเสาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 19, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Wanlop Hunchainaow

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Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24128060
Date Received : Dec 20, 2024
Date Reported : Dec 24, 2024
Report Number : 3160062-1

Sample Number	24128060-1
Sampled Date	Dec 20, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเสาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 20, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	8.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		28.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-ว-0011

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ว-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ด-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128060
Date Received : Dec 20, 2024
Date Reported : Dec 24, 2024
Report Number : 3160062-2

Sample Number	24128060-1
Sampled Date	Dec 20, 2024 9:30 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 20, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Surawit Narapong

Remark :
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Approved by
Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128061
Date Received : Dec 21, 2024
Date Reported : Dec 24, 2024
Report Number : 3160061-1

Sample Number	24128061-1
Sampled Date	Dec 21, 2024 8:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 21, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	28.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Warunyoo Chimphalee ทะเบียนเลขที่ ว-323-ข-0020

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ข-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128061
Date Received : Dec 21, 2024
Date Reported : Dec 24, 2024
Report Number : 3160061-2

Sample Number	24128061-1
Sampled Date	Dec 21, 2024 8:45 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 21, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Warunyoo Chimphalee

Remark :
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Approved by
Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128062
Date Received : Dec 22, 2024
Date Reported : Dec 26, 2024
Report Number : 3160060-1

Sample Number	24128062-1
Sampled Date	Dec 22, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 22, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	28.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-ข-0038

Remark :
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ข-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128062
Date Received : Dec 22, 2024
Date Reported : Dec 26, 2024
Report Number : 3160060-2

Sample Number	24128062-1
Sampled Date	Dec 22, 2024 9:00 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 22, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Wanlop Hunchainaow

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128063
Date Received : Dec 23, 2024
Date Reported : Dec 26, 2024
Report Number : 3160059-1

Sample Number	24128063-1
Sampled Date	Dec 23, 2024 10:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 23, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	28.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-ง-0005

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Client : Global Power Synergy Public Company Limited
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P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128063
Date Received : Dec 23, 2024
Date Reported : Dec 26, 2024
Report Number : 3160059-2

Sample Number	24128063-1
Sampled Date	Dec 23, 2024 10:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 23, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Sansoen Khuiyoksui

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128064
Date Received : Dec 24, 2024
Date Reported : Dec 26, 2024
Report Number : 3160058-1

Sample Number	24128064-1
Sampled Date	Dec 24, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 24, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		28.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-ง-0041

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Technical Management Chonticha S.
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ง-0031

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128064
Date Received : Dec 24, 2024
Date Reported : Dec 26, 2024
Report Number : 3160058-2

Sample Number	24128064-1
Sampled Date	Dec 24, 2024 9:15 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 24, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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Approved by Chonticha Subongkoch
Chonticha Subongkoch
Scientist (3)

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LABORATORY ACCREDITATION ISO/IEC 17025 TESTING No.0042

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128066
Date Received : Dec 25, 2024
Date Reported : Dec 28, 2024
Report Number : 3160057-1

Sample Number	24128066-1
Sampled Date	Dec 25, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 25, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.1	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-ง-0005

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128066
Date Received : Dec 25, 2024
Date Reported : Dec 28, 2024
Report Number : 3160057-2

Sample Number	24128066-1
Sampled Date	Dec 25, 2024 9:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 25, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Sansoen Khuiyoksui

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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LABORATORY ACCREDITATION ISO/IEC 17025 TESTING No.0042

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128067
Date Received : Dec 26, 2024
Date Reported : Dec 28, 2024
Report Number : 3160056-1

Sample Number	24128067-1
Sampled Date	Dec 26, 2024 10:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคณะเภาหน้าทึ่งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 26, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		29.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-ง-0051

Remark :
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ง-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24128067
Date Received : Dec 26, 2024
Date Reported : Dec 28, 2024
Report Number : 3160056-2

Sample Number	24128067-1
Sampled Date	Dec 26, 2024 10:20 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 26, 2024
Condition of Sample	Contained in one plastic bottle. Sample coatainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Paramet Sattayakun

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24128068
Date Received : Dec 27, 2024
Date Reported : Dec 28, 2024
Report Number : 3160055-1

Sample Number	24128068-1
Sampled Date	Dec 27, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 27, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-ว-0005

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ว-0028

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24128068
Date Received : Dec 27, 2024
Date Reported : Dec 28, 2024
Report Number : 3160055-2

Sample Number	24128068-1
Sampled Date	Dec 27, 2024 9:10 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 28, 2024
Condition of Sample	Contained in one plastic bottle. Sample coatainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Sansoen Khuiyoksui

Remark :
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24128069
Date Received : Dec 28, 2024
Date Reported : Dec 30, 2024
Report Number : 3160054-1

Sample Number	24128069-1
Sampled Date	Dec 28, 2024 9:58 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 28, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-		30.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Surawit Narapong ทะเบียนเลขที่ ว-323-ว-0011

Remark :
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Technical Management Chonticha S.
Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ว-323-ว-0031

Approved by
Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128069
Date Received : Dec 28, 2024
Date Reported : Dec 30, 2024
Report Number : 3160054-2

Sample Number	24128069-1
Sampled Date	Dec 28, 2024 9:58 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 28, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Surawit Narapong

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Approved by
Chontichak
Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128070
Date Received : Dec 29, 2024
Date Reported : Jan 03, 2025
Report Number : 3160052-1

Sample Number	24128070-1
Sampled Date	Dec 29, 2024 10:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 28, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	30.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Surawit Narapong เทคนิคแลบที่ ว-323-ก-0011

Remark :
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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
เทคนิคแลบที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
เทคนิคแลบที่ ว-323-ก-0001

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Client : Global Power Synergy Public Company Limited
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P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128070
Date Received : Dec 29, 2024
Date Reported : Jan 03, 2025
Report Number : 3160052-2

Sample Number	24128070-1
Sampled Date	Dec 29, 2024 10:05 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 29, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Surawit Narapong

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Approved by
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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128071
Date Received : Dec 30, 2024
Date Reported : Jan 03, 2025
Report Number : 3160050-1

Sample Number	24128071-1
Sampled Date	Dec 30, 2024 9:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 30, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment – preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	30.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Amonwich Wongsachai เทคนิคแลบที่ ว-323-ก-0040

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Technical Management
Photchana S.
Photchana Seeda
Scientist (4)
เทคนิคแลบที่ ว-323-ก-0028

Approved by
Dej Changchon
Senior Manager
เทคนิคแลบที่ ว-323-ก-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128071
Date Received : Dec 30, 2024
Date Reported : Jan 03, 2025
Report Number : 3160050-2

Sample Number	24128071-1
Sampled Date	Dec 30, 2024 9:40 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 30, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	7.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Amonwich Wongsachal

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Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128072
Date Received : Dec 31, 2024
Date Reported : Jan 03, 2025
Report Number : 3164439-1

Sample Number	24128072-1
Sampled Date	Dec 31, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 31, 2024
Condition of Sample	Contained in one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	30.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong

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).
Sampling By : Wanlop Hunchainaow หมายเลขที่ ว-323-ร-0038

Remark :
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Technical Management Photchana S.
Photchana Seeda
Scientist (4)
หมายเลขที่ ว-323-ร-0028

Approved by
Dej Changchon
Senior Manager
หมายเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24128072
Date Received : Dec 31, 2024
Date Reported : Jan 03, 2025
Report Number : 3164439-2

Sample Number	24128072-1
Sampled Date	Dec 31, 2024 9:25 AM
Sample Description	Wastewater
Location	บ่อตรวจวัดคุณภาพน้ำทิ้งของโครงการ (Holding pond)
Date Analysis Commenced	Dec 31, 2024
Condition of Sample	Contained in one plastic bottle. Sample coetainers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	6.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (G)	Rayong

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).
Sampling By : Wanlop Hunchainaow

Remark :
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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Raycng Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466192
Date Received : Jul 25, 2024
Date Reported : Aug 01, 2024
Report Number : 3020322-1

Sample Number	2466192-1
Sampled Date	Jul 25, 2024 9:30 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่ก่อนไหลผ่านพื้นที่ 500 เมตร
Date Analysis Commenced	Jul 25, 2024
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.0	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong
pH at 25 degree C		-	-	6.7	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.9	n¹	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	92	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

Guideline : 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 Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n¹: Change from Natural condition not more than 3 degree C
Sampling By : Paramet Sattayakun

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466192
Date Received : Jul 25, 2024
Date Reported : Aug 01, 2024
Report Number : 3020322-1

Sample Number	2466192-2
Sampled Date	Jul 25, 2024 9:25 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่จุดระบายน้ำทิ้ง
Date Analysis Commenced	Jul 25, 2024
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.9	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong
pH at 25 degree C		-	-	6.5	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.8	n¹	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	94	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

Guideline : 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 Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n¹: Change from Natural condition not more than 3 degree C
Sampling By : Paramet Sattayakun

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Raycng Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466192
Date Received : Jul 25, 2024
Date Reported : Aug 01, 2024
Report Number : 3020322-1

Sample Number	2466192-3
Sampled Date	Jul 25, 2024 9:15 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่จุดระบายน้ำทิ้ง 500 เมตร
Date Analysis Commenced	Jul 25, 2024
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.1	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong
pH at 25 degree C		-	-	6.8	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.7	n'	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	254	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

Guideline : 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 Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n': Change from Natural condition not more than 3 degree C
Sampling By : Paramet Sattayakun

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Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2466192
Date Received : Jul 25, 2024
Date Reported : Aug 01, 2024
Report Number : 3020322-1

Sample Number	2466192-4
Sampled Date	Jul 25, 2024 9:55 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่หลังจุดระบายน้ำทิ้ง 2,000 เมตร
Date Analysis Commenced	Jul 25, 2024
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	7.3	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong
pH at 25 degree C		-	-	6.9	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.2	n'	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	584	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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n': Change from Natural condition not more than 3 degree C
Sampling By : Paramet Sattayakun

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478332
Date Received : Aug 27, 2024
Date Reported : Sep 03, 2024
Report Number : 3049679-1

Sample Number	2478332-1
Sampled Date	Aug 27, 2024 9:10 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่ก่อนไหลผ่านพื้นที่ 500 เมตร
Date Analysis Commenced	Aug 27, 2024
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.8	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong
pH at 25 degree C		-	-	6.9	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	28.7	n¹	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	122	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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n¹: Change from Natural condition not more than 3 degree C
Sampling By : Chainusorn Lertnanthakunchai

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478332
Date Received : Aug 27, 2024
Date Reported : Sep 03, 2024
Report Number : 3049679-1

Sample Number	2478332-2
Sampled Date	Aug 27, 2024 9:05 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่จุดระบายน้ำทิ้ง
Date Analysis Commenced	Aug 27, 2024
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.5	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong
pH at 25 degree C		-	-	7.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	28.9	n¹	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	124	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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n¹: Change from Natural condition not more than 3 degree C
Sampling By : Chainusorn Lertnanthakunchai

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478332
Date Received : Aug 27, 2024
Date Reported : Sep 03, 2024
Report Number : 3049679-1

Sample Number	2478332-3
Sampled Date	Aug 27, 2024 9:00 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่จุดระบายน้ำทิ้ง 500 เมตร
Date Analysis Commenced	Aug 27, 2024
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.4	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong
pH at 25 degree C		-	-	6.9	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	28.8	n¹	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	146	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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Sampling By : Chainusorn Lertnanthakunchai

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TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2478332
Date Received : Aug 27, 2024
Date Reported : Sep 03, 2024
Report Number : 3049679-1

Sample Number	2478332-4
Sampled Date	Aug 27, 2024 9:35 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่หลังจุดระบายน้ำทิ้ง 2,000 เมตร
Date Analysis Commenced	Aug 27, 2024
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.9	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (G)	Rayong
pH at 25 degree C		-	-	7.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.8	n¹	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	190	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

Guideline : 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)
n¹: Change from Natural condition not more than 3 degree C
Sampling By : Chainusorn Lertnanthakunchai

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Raycng Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493816
Date Received : Sep 23, 2024
Date Reported : Sep 30, 2024
Report Number : 3083088-1

Sample Number	2493816-1
Sampled Date	Sep 23, 2024 9:37 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่ก่อนไหลผ่านพื้นที่ 500 เมตร
Date Analysis Commenced	Sep 23, 2024
Condition of Sample	Contained in two plastic bottles and two BOD bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.7	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.1	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	28.8	n¹	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	89	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

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n¹: Change from Natural condition not more than 3 degree C
Sampling By : Sansoen Khuiyoksui

Remark :
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Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493816
Date Received : Sep 23, 2024
Date Reported : Sep 30, 2024
Report Number : 3083088-1

Sample Number	2493816-2
Sampled Date	Sep 23, 2024 9:31 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่จุดระบายน้ำทิ้ง
Date Analysis Commenced	Sep 23, 2024
Condition of Sample	Contained in two plastic bottles and two BOD bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.6	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.1	n¹	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	99	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : 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 Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n¹: Change from Natural condition not more than 3 degree C
Sampling By : Sansoen Khuiyoksui

Remark :
- LOD : Limit of Detection
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- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
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Photchana Seeda
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Raycng Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493816
Date Received : Sep 23, 2024
Date Reported : Sep 30, 2024
Report Number : 3083088-1

Sample Number	2493816-3
Sampled Date	Sep 23, 2024 9:23 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่จุดระบายน้ำทิ้ง 500 เมตร
Date Analysis Commenced	Sep 23, 2024
Condition of Sample	Contained in two plastic bottles and two BOD bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.4	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.4	n¹	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	204	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : 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)
n¹: Change from Natural condition not more than 3 degree C
Sampling By : Sansoen Khuiyoksui

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Approved by Photchana S.
Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493816
Date Received : Sep 23, 2024
Date Reported : Sep 30, 2024
Report Number : 3083088-1

Sample Number	2493816-4
Sampled Date	Sep 23, 2024 10:05 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่หลังจุดระบายน้ำทิ้ง 2,000 เมตร
Date Analysis Commenced	Sep 23, 2024
Condition of Sample	Contained in two plastic bottles and two BOD bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	7.2	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	30.0	n¹	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	280	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : 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)
n¹: Change from Natural condition not more than 3 degree C
Sampling By : Sansoen Khuiyoksui

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Raycng Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104315
Date Received : Oct 28, 2024
Date Reported : Nov 04, 2024
Report Number : 3105540-1

Sample Number	24104315-1
Sampled Date	Oct 28, 2024 9:25 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่ก่อนไหลผ่านพื้นที่ 500 เมตร
Date Analysis Commenced	Oct 28, 2024
Condition of Sample	Contained in two BOD 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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.5	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	6.8	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	28.1	n'	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	121	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : 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 Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n': Change from Natural condition not more than 3 degree C
Sampling By : Wanlop Hunchainaow

Remark :
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Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 24104315
Date Received : Oct 28, 2024
Date Reported : Nov 04, 2024
Report Number : 3105540-1

Sample Number	24104315-2
Sampled Date	Oct 28, 2024 9:15 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่จุดระบายน้ำทิ้ง
Date Analysis Commenced	Oct 28, 2024
Condition of Sample	Contained in two BOD 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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.3	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	6.8	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	28.3	n'	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	111	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : 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 Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n': Change from Natural condition not more than 3 degree C
Sampling By : Wanlop Hunchainaow

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Raycng Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104315
Date Received : Oct 28, 2024
Date Reported : Nov 04, 2024
Report Number : 3105540-1

Sample Number	24104315-3
Sampled Date	Oct 28, 2024 9:10 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่จุดระบายน้ำทิ้ง 500 เมตร
Date Analysis Commenced	Oct 28, 2024
Condition of Sample	Contained in two BOD 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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.2	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	6.8	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	28.5	n'	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	170	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

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n': Change from Natural condition not more than 3 degree C
Sampling By : Wanlop Hunchainaow

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24104315
Date Received : Oct 28, 2024
Date Reported : Nov 04, 2024
Report Number : 3105540-1

Sample Number	24104315-4
Sampled Date	Oct 28, 2024 9:50 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่หลังจุดระบายน้ำทิ้ง 2,000 เมตร
Date Analysis Commenced	Oct 28, 2024
Condition of Sample	Contained in two BOD 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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.4	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	28.7	n'	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	242	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

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n': Change from Natural condition not more than 3 degree C
Sampling By : Wanlop Hunchainaow

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114756
Date Received : Nov 12, 2024
Date Reported : Nov 19, 2024
Report Number : 3128736-1

Sample Number	24114756-1
Sampled Date	Nov 12, 2024 9:16 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่ก่อนไหลผ่านพื้นที่ 500 เมตร
Date Analysis Commenced	Nov 12, 2024
Condition of Sample	Contained in two BOD 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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.9	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	6.5	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	27.9	n'	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	93	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : 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 Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n': Change from Natural condition not more than 3 degree C
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114756
Date Received : Nov 12, 2024
Date Reported : Nov 19, 2024
Report Number : 3128736-1

Sample Number	24114756-2
Sampled Date	Nov 12, 2024 9:10 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่จุดระบายน้ำทิ้ง
Date Analysis Commenced	Nov 12, 2024
Condition of Sample	Contained in two BOD 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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	7.8	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	6.8	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	27.8	n'	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	96	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : 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 Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n': Change from Natural condition not more than 3 degree C
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114756
Date Received : Nov 12, 2024
Date Reported : Nov 19, 2024
Report Number : 3128736-1

Sample Number	24114756-3
Sampled Date	Nov 12, 2024 9:00 AM
Sample Description	Surface water
Location	คลองหัวยใหญ่จุดระบายน้ำทิ้ง 500 เมตร
Date Analysis Commenced	Nov 12, 2024
Condition of Sample	Contained in two BOD 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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.9	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	6.9	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	28.0	n'	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	154	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : 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 Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n': Change from Natural condition not more than 3 degree C
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24114756
Date Received : Nov 12, 2024
Date Reported : Nov 19, 2024
Report Number : 3128736-1

Sample Number	24114756-4
Sampled Date	Nov 12, 2024 9:50 AM
Sample Description	Surface water
Location	คลองหัวยใหญ่หลังจุดระบายน้ำทิ้ง 2,000 เมตร
Date Analysis Commenced	Nov 12, 2024
Condition of Sample	Contained in two BOD 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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.9	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	28.4	n'	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	452	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : 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 Gazettle, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n': Change from Natural condition not more than 3 degree C
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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Photchana Seeda
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24128032
Date Received : Dec 10, 2024
Date Reported : Dec 17, 2024
Report Number : 3159982-1

Sample Number	24128032-1
Sampled Date	Dec 10, 2024 9:15 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่ก่อนไหลผ่านพื้นที่ 500 เมตร
Date Analysis Commenced	Dec 10, 2024
Condition of Sample	Contained in two BOD 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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	5.0	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.2	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	26.8	n'	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	84	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : 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)
n': Change from Natural condition not more than 3 degree C
Sampling By : Chainusorn Lertnanthakunchai

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Photchana Seeda
Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24128032
Date Received : Dec 10, 2024
Date Reported : Dec 17, 2024
Report Number : 3159982-1

Sample Number	24128032-2
Sampled Date	Dec 10, 2024 9:09 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่จุดระบายน้ำทิ้ง
Date Analysis Commenced	Dec 10, 2024
Condition of Sample	Contained in two BOD 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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.0	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.1	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	27.1	n'	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	92	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : 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)
n': Change from Natural condition not more than 3 degree C
Sampling By : Chainusorn Lertnanthakunchai

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Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24128032
Date Received : Dec 10, 2024
Date Reported : Dec 17, 2024
Report Number : 3159982-1

Sample Number	24128032-3
Sampled Date	Dec 10, 2024 9:00 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่จุดระบายน้ำทิ้ง 500 เมตร
Date Analysis Commenced	Dec 10, 2024
Condition of Sample	Contained in two BOD 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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.9	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	27.3	n'	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	180	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : 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)
n': Change from Natural condition not more than 3 degree C
Sampling By : Chainusorn Lertnanthakunchai

Remark :
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Scientist (4)

Analysis / Test Report

TESTING
No.0042

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location: CUP 2

Lot ID: 24128032
Date Received : Dec 10, 2024
Date Reported : Dec 17, 2024
Report Number : 3159982-1

Sample Number	24128032-4
Sampled Date	Dec 10, 2024 10:05 AM
Sample Description	Surface water
Location	คลองห้วยใหญ่หลังจุดระบายน้ำทิ้ง 2,000 เมตร
Date Analysis Commenced	Dec 10, 2024
Condition of Sample	Contained in two BOD 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
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	<2.0	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.3	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Rayong
pH at 25 degree C		-	-	7.5	5.0-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	27.3	n'	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	472	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : 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)
n': Change from Natural condition not more than 3 degree C
Sampling By : Chainusorn Lertnanthakunchai

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Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493215
Date Received : Sep 27, 2024
Date Reported : Oct 02, 2024
Report Number: 3081860-1

Sample Number 2493215-1
Parameter Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)
Measurement Date Sep 26, 2024
Measurement by Tinnakorn Kumpasee
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
Auxiliary Boiler	120	29.5	27.5	34.3	33.6
Average (WBGT)		29.5			
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 Measuremert 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 Environmentin relation to Heat,Light and Noise, B.E.2559

Technical Management
Supot Salamteh
Section Head

Approved by
Wichan Choonharat
Assistant Manager

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493215
Date Received : Sep 27, 2024
Date Reported : Oct 02, 2024
Report Number: 3081860-1

Sample Number 2493215-2
Parameter Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)
Measurement Date Sep 26, 2024
Measurement by Tinnakorn Kumpasee
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
HRSG 1	120	29.2	27.4	33.3	33.1
Average (WBGT)		29.2			
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 Environmentin 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 : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493215
Date Received : Sep 27, 2024
Date Reported : Oct 02, 2024
Report Number: 3081860-1

Sample Number 2493215-3
Parameter Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)
Measurement Date Sep 26, 2024
Measurement by Tinnakorn Kumpasee
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
HRSG 2	120	29.3	27.3	34.0	33.4
Average (WBGT)		29.3			
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 Measuremert 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 Environmentin relation to Heat,Light and Noise, B.E.2559

Technical Management
Supot Salamteh
Section Head

Approved by
Wichan Choonharat
Assistant Manager

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493215
Date Received : Sep 27, 2024
Date Reported : Oct 02, 2024
Report Number: 3081860-1

Sample Number 2493215-4
Parameter Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)
Measurement Date Sep 26, 2024
Measurement by Tinnakorn Kumpasee
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
GTG 1	120	28.9	27.2	33.2	32.5
Average (WBGT)		28.9			
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 Environmentin 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 : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493215
Date Received : Sep 27, 2024
Date Reported : Oct 02, 2024
Report Number: 3081860-1

Sample Number 2493215-5
Parameter Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)
Measurement Date Sep 26, 2024
Measurement by Tinnakorn Kumpasee
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
GTG 2	120	28.7	26.8	33.6	32.2
Average (WBGT)		28.7			
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 Measuremert 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 Environmentin relation to Heat,Light and Noise, B.E.2559

Technical Management Supot Salamteh, Section Head
Approved by Wichan Choonharat, Assistant Manager

Analysis / Test Report

Client : Global Power Synergy Public Company Limited
92/9, Rayong Highway Road 3191, Map Ta Phut, Mueang, Rayong Thailand 21150
P/O : DA41002956
Project Name : Monitoring
Project Location : CUP 2

Lot ID: 2493215
Date Received : Sep 27, 2024
Date Reported : Oct 02, 2024
Report Number: 3081860-1

Sample Number 2493215-6
Parameter Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)
Measurement Date Sep 26, 2024
Measurement by Tinnakorn Kumpasee
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
STG 1	120	29.8	29.2	31.6	30.7
Average (WBGT)		29.8			
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)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environmentin 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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