

ภาคผนวก ค

ใบรับรองผลการตรวจวิเคราะห์

ภาคผนวก ค-1

คุณภาพอากาศจากปล่องระบาย



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244240
Date Received : May 27, 2022
Date Reported : Jun 06, 2022
Report Number : 2283424-1

Page 1 of 1

Sample Number 2244240-1
Sample Description Emission from Stationary Source
Location ปล่อง HRSG 11
Measurement Date May 25, 2022

Stack Description

Ambient Temperature	32 °C	Diameter	3.35 m	Oxygen	14.97 %
Ambient Pressure	756 mmHg	Shape	Circle	Carbon dioxide	3.95 %
Type of Process	Combustion	Stack Temperature	118 °C	Gas Velocity	15.39 m/s
Type of Fuel	Natural Gas	Moisture	7.99 %	Flow Rate	340119 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	11:00 AM - 11:20 AM	14.85	4.06	15.34	35.22	0.07	0.17
2	11:21 AM - 11:41 AM	14.86	4.01	15.19	34.95	0.11	0.25
3	11:42 AM - 12:02 PM	15.21	3.78	14.41	35.19	0.18	0.43
Average (ppm)		14.97	3.95	14.98	35.12	0.12	0.28
Guideline ^{1/} (ppm)				-	60	-	6
Guideline ^{2/} (ppm)				-	120	-	20
Result (mg/m ³)				28.18	66.07	0.31	0.74
Emission Rate at Actual O ₂ (g/s)				2.6626		0.0297	
Guideline ^{1/} (g/s)				7.4		1.0	
Method				US EPA Method 7E		US EPA Method 6C	

Sampled By : Navaphut Sriviriya

Guideline : ^{1/} Environmental Impact Assessment Report of Gulf NRV1 Co., Ltd.

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

Technical Management

Wichan Choonharat
Manager

ทะเบียนเลขที่ ว-204-ค-6113

Approved by

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

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Analysis / Test Report

TESTING
No.0009

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244243

Date Received : May 27, 2022
Date Reported : Jun 06, 2022
Report Number: 2283430-1

Page 1 of 2

Sample Number 2244243-1
Sampled Date May 25, 2022
Sample Description Emission from Stationary Source
Location ปล่อง HRSG 11
Date Analysis Commenced May 28, 2022
Condition of Sample Extracted into one filter paper placed in plastic petri dish and one amber plastic bottle

Stack Description

Ambient Pressure	756	mmHg	Diameter	3.35	m	Oxygen	15.0	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	4.0	%
Type of Process	Combustion		Stack Temperature	118	°C	Gas Velocity	15.4	m/s
Type of Fuel	Natural Gas		Moisture	8.03	%	Flow Rate (Actual O2)	339571	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂	Result at 15.0 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing										
Total Suspended Particulate	11:00 AM - 11:48 AM	mg/m3	-	0.5	<0.5	<0.5	28	60	US EPA, Method 5	Bangkok

Guideline :

Guideline (1) Environmental Impact Assessment Report of Gulf NRV1 Co., Ltd.
Guideline (2) Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.

Technical Management

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

Approved by

Kanokkorn Anek
Kanokkorn Anek
Senior Manager
ทะเบียนเลขที่ ว-204-ค-6111

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Analysis / Test Report

TESTING
No.0009

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244243

Date Received : May 27, 2022
Date Reported : Jun 06, 2022
Report Number: 2283430-1

Page 2 of 2

Sample Number 2244243-1
Sampled Date May 25, 2022
Sample Description Emission from Stationary Source
Location ปล่อง HRSG 11
Date Analysis Commenced May 28, 2022
Condition of Sample Extracted into one filter paper placed in plastic petri dish and one amber plastic bottle

Stack Description

Ambient Pressure	756	mmHg	Diameter	3.35	m	Oxygen	15.0	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	4.0	%
Type of Process	Combustion		Stack Temperature	118	°C	Gas Velocity	15.4	m/s
Type of Fuel	Natural Gas		Moisture	8.03	%	Flow Rate (Actual O2)	339571	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate *	11:00 AM - 11:48 AM	g/s	-	-	<0.05	1.7	-	Calculated	Bangkok

Guideline :

Guideline (1) Environmental Impact Assessment Report of Gulf NRV1 Co., Ltd.
Guideline (2) Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.

Sampled By : Phiyant Phonmasri

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

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

Approved by

Kanokkorn Anek
Kanokkorn Anek
Senior Manager
ทะเบียนเลขที่ ว-204-ค-6111

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S:\Reports_Air Stack_O2_2GL.rpt (12:28PM)



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244241
Date Received : May 27, 2022
Date Reported : Jun 06, 2022
Report Number : 2283425-1

Page 1 of 1

Sample Number 2244241-1
Sample Description Emission from Stationary Source
Location ปล่อง HRSG 12
Measurement Date May 25, 2022

Stack Description

Ambient Temperature	32 °C	Diameter	3.35 m	Oxygen	15.15 %
Ambient Pressure	756 mmHg	Shape	Circle	Carbon dioxide	3.83 %
Type of Process	Combustion	Stack Temperature	118 °C	Gas Velocity	15.16 m/s
Type of Fuel	Natural Gas	Moisture	9.40 %	Flow Rate	330521 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	01:45 PM - 02:05 PM	15.14	3.84	20.48	49.43	0.05	0.13
2	02:06 PM - 02:26 PM	15.15	3.82	20.21	48.88	0.02	0.04
3	02:27 PM - 02:47 PM	15.17	3.81	19.91	48.26	0.03	0.07
Average (ppm)		15.15	3.83	20.20	48.86	0.03	0.08
Guideline ^{1/} (ppm)				-	60	-	6
Guideline ^{2/} (ppm)				-	120	-	20
Result (mg/m ³)				38.00	91.92	0.09	0.21
Emission Rate at Actual O ₂ (g/s)				3.4892		0.0079	
Guideline ^{1/} (g/s)				7.4		1.0	
Method				US EPA Method 7E		US EPA Method 6C	

Sampled By : Navaphut Sriviriya

Guideline : ^{1/} Environmental Impact Assessment Report of Gulf NRV1 Co., Ltd.

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

Technical Management

Wichan Choonharat
Manager

ทะเบียนเลขที่ ว-204-ค-6113

Approved by

Sarayuth Jittrantont
Assistant General Manager

ทะเบียนเลขที่ ว-204-ค-4702

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Analysis / Test Report

TESTING
No.0009

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244249

Date Received : May 27, 2022
Date Reported : Jun 06, 2022
Report Number: 2283434-1

Page 1 of 2

Sample Number 224424S-1
Sampled Date May 25, 2022
Sample Description Emission from Stationary Source
Location ปล่อง x RHG 12
Date Analysis Commenced May 28, 2022
Condition of Sample Extracted into one filter paper placed in plastic petri dish and one amber plastic bottle

Stack Description

Ambient Pressure	756	mmHg	Diameter	3.35	m	W ₂ O ₂	15.2	O
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	3.8	O
Type of Process	Combustion		Stack Temperature	118	°C	Gas Velocity	15.1	m/s
Type of Fuel	Natural Gas		Moisture	5.50	%	W ₂ O ₂ Rate Actual w ₂ O ₂	32581S	Nm ³ /hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 % O ₂	Result at 15.2 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing										
Total Suspended Particulate	01:45 PM - 02:33 PM	mg/m ³	-	0.5	<0.5	<0.5	28	60	UHEPA, Method 5	Bangkok

Guideline :

Guideline 19 Environmental Impact Assessment Report of Gulf NRV1 Co., Ltd.
Guideline 29 Notification of the Ministry of Natural Resources and Environment, 2010 B.E. 25539 on Emission Standard from Nonferrous Metal Smelting and Refining Plants.

Technical Management

Saranya C.
Saranya Chalermthamrong
Scientist 49
ทะเบียนเลขที่ ว-204-จ-4717

Approved by

Kanok Korn Anek
Kanok Korn Anek
Senior Manager
ทะเบียนเลขที่ ว-204-ค-6111

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S:\Reports_Air Stack_O2_2GL.rpt (12:30PM)



Analysis / Test Report

TESTING
No.0009

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244249

Date Received : May 27, 2022
Date Reported : Jun 06, 2022
Report Number: 2283434-1

Page 2 of 2

Sample Number 224424S-1
Sampled Date May 25, 2022
Sample Description Emission from Stationary Source
Location ปล่อง x RHG 12
Date Analysis Commenced May 28, 2022
Condition of Sample Extracted into one filter paper placed in plastic petri dish and one amber plastic bottle

Stack Description

Ambient Pressure	756	mmHg	Diameter	3.35	m	w%O ₂	15.2	O
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	3.8	O
Type of Process	Combustion		Stack Temperature	118	°C	Gas Velocity	15.1	m/s
Type of Fuel	Natural Gas		Moisture	5.50	%	(Rate) Actual w%O ₂	32.581	Nm ³ /hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate *	01:45 PM - 02:33 PM	g/s	-	-	<0.05	1.7	-	Calculated	Bangkok

Guideline :

Guideline 1) Environmental Impact Assessment Report of Gulf NRV1 Co., Ltd.
Guideline 2) Notification of the Ministry of Natural Resources and Environment, 2010 B.E. 2553 on Emission Standard from Nonferrous Metal Smelting and Refining Plants.

Sampled By : Phiyarat Phonmasri

Remark :

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

Technical Management

Saranya C.
Saranya Chalermthamrong
Scientist 49
ทะเบียนเลขที่ ว-204-จ-4717

Approved by

Kanok Korn Anek
Kanok Korn Anek
Senior Manager
ทะเบียนเลขที่ ว-204-ค-6111

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ภาคผนวก ค-2

คุณภาพอากาศในบรรยากาศ



Analysis / Test Report

TESTING
No.0009

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244221

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338789-1

Page 1 of 1

Sample Description	Air Quality				
Location	โรงเรียนบ้านหนองดาด (GPS 48P 0194367, 1654799)				
Date Analysis Commenced	Jun 04, 2022				
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag				
Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2244221-1	May 23 - May 24, 2022	0.064	0.025	743	33
2244221-2	May 24 - May 25, 2022	0.068	0.027	743	33
2244221-3	May 25 - May 26, 2022	0.070	0.024	743	32
2244221-4	May 26 - May 27, 2022	0.078	0.031	743	33
2244221-5	May 27 - May 28, 2022	0.080	0.032	743	35
2244221-6	May 28 - May 29, 2022	0.093	0.044	743	34
2244221-7	May 29 - May 30, 2022	0.079	0.034	743	34
Guideline		0.33	0.12	-	-

Reference Method

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

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

Sampled By : Sangtawan Natasat

Remark :

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

Approved by

Saranya C.

Saranya Chalermthamrong
Scientist (4)

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Analysis / Test Report

TESTING
No.0009

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244221

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338790-1

Page 1 of 1

Sample Description	Air Quality				
Location	โรงเรียนบ้านมาบมะค่า (GPS 48P 0197463, 1653650)				
Date Analysis Commenced	Jun 04, 2022				
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag				
Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2244221-8	May 23 - May 24, 2022	0.055	0.022	743	33
2244221-9	May 24 - May 25, 2022	0.062	0.021	743	33
2244221-10	May 25 - May 26, 2022	0.042	0.020	743	32
2244221-11	May 26 - May 27, 2022	0.052	0.025	743	33
2244221-12	May 27 - May 28, 2022	0.056	0.026	743	35
2244221-13	May 28 - May 29, 2022	0.068	0.035	743	34
2244221-14	May 29 - May 30, 2022	0.062	0.032	743	34
Guideline		0.33	0.12	-	-

Reference Method

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

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

Sampled By : Sangtawan Natasat

Remark :

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

Approved by

Saranya C.

Saranya Chalermthamrong
Scientist (4)

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Analysis / Test Report

TESTING
No.0009

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244221

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338792-1

Page 1 of 1

Sample Description	Air Quality				
Location	โรงพยาบาลส่งเสริมสุขภาพตำบลหนองปลิง (GPS 48P 0193362, 1650626)				
Date Analysis Commenced	Jun 04, 2022				
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag				
Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2244221-15	May 23 - May 24, 2022	0.056	0.022	743	33
2244221-16	May 24 - May 25, 2022	0.041	0.019	743	33
2244221-17	May 25 - May 26, 2022	0.043	0.020	743	32
2244221-18	May 26 - May 27, 2022	0.052	0.023	743	33
2244221-19	May 27 - May 28, 2022	0.054	0.025	743	35
2244221-20	May 28 - May 29, 2022	0.073	0.042	743	34
2244221-21	May 29 - May 30, 2022	0.065	0.037	743	34
Guideline		0.33	0.12	-	-

Reference Method

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

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

Sampled By : Sangtawan Natasat

Remark :

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

Approved by

Saranya C.

Saranya Chalermthamrong
Scientist (4)

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Analysis / Test Report

TESTING
No.0009

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244221

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338795-1

Page 1 of 1

Sample Description	Air Quality				
Location	วัดใหม่หนองบอน (GPS 48P 0197228, 1647957)				
Date Analysis Commenced	Jun 04, 2022				
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag				
Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2244221-22	May 23 - May 24, 2022	0.051	0.021	743	33
2244221-23	May 24 - May 25, 2022	0.044	0.016	743	33
2244221-24	May 25 - May 26, 2022	0.049	0.019	743	32
2244221-25	May 26 - May 27, 2022	0.057	0.029	743	33
2244221-26	May 27 - May 28, 2022	0.069	0.033	743	35
2244221-27	May 28 - May 29, 2022	0.080	0.041	743	34
2244221-28	May 29 - May 30, 2022	0.077	0.035	743	34
Guideline		0.33	0.12	-	-

Reference Method

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

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

Sampled By : Sangtawan Natasat

Remark :

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

Approved by

Saranya C.

Saranya Chalermthamrong
Scientist (4)

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.

456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000

P/O : สัญญาเลขที่4600001546

Project Name : Monitoring EIA

Project Location : GNRV1

Lot ID: 2244216

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number: 2283401-1

Page 1 of 1

Sample Description Air Quality
Location โรงเรียนบ้านหนองตากง (GPS 48P 0194367, 1654799)
Parameter Nitrogen dioxide (ppm)
Measurement Date May 23, 2022 - May 30, 2022
Measurement by Sangtawan Natasat

	2244216-1	2244216-2	2244216-3	2244216-4	2244216-5	2244216-6	2244216-7
Time	May 23, 2022	May 24, 2022	May 25, 2022	May 26, 2022	May 27, 2022	May 28, 2022	May 29, 2022
01:00 PM - 02:00 PM	0.001	0.006	0.002	0.002	0.002	0.003	0.002
02:00 PM - 03:00 PM	0.001	0.006	0.002	0.003	0.002	0.004	0.003
03:00 PM - 04:00 PM	<0.001	0.005	0.003	0.004	0.003	0.004	0.004
04:00 PM - 05:00 PM	0.001	0.005	0.004	0.004	0.004	0.006	0.005
05:00 PM - 06:00 PM	0.001	0.004	0.006	0.004	0.005	0.010	0.005
06:00 PM - 07:00 PM	0.002	0.003	0.007	0.005	0.005	0.013	0.004
07:00 PM - 08:00 PM	0.001	0.003	0.008	0.011	0.007	0.004	0.004
08:00 PM - 09:00 PM	0.001	0.003	0.007	0.010	0.007	0.004	0.003
09:00 PM - 10:00 PM	<0.001	0.003	0.006	0.007	0.004	0.003	0.002
10:00 PM - 11:00 PM	0.001	0.008	0.004	0.004	0.004	0.004	0.003
11:00 PM - 12:00 AM	0.003	0.008	0.004	0.003	0.002	0.002	0.004
12:00 AM - 01:00 AM	0.005	0.005	0.003	0.002	0.002	0.003	0.003
01:00 AM - 02:00 AM	0.005	0.005	0.003	0.002	0.002	0.004	0.004
02:00 AM - 03:00 AM	0.007	0.004	0.002	0.002	0.002	0.002	0.005
03:00 AM - 04:00 AM	0.009	0.006	0.002	0.002	0.002	0.002	0.006
04:00 AM - 05:00 AM	0.010	0.007	0.003	0.002	0.003	0.003	0.007
05:00 AM - 06:00 AM	0.006	0.007	0.004	0.004	0.004	0.004	0.005
06:00 AM - 07:00 AM	0.003	0.009	0.005	0.006	0.004	0.002	0.004
07:00 AM - 08:00 AM	0.003	0.006	0.004	0.005	0.003	0.002	0.004
08:00 AM - 09:00 AM	0.002	0.004	0.003	0.004	0.003	0.002	0.003
09:00 AM - 10:00 AM	0.003	0.004	0.002	0.003	0.002	0.002	0.001
10:00 AM - 11:00 AM	0.004	0.003	0.002	0.002	0.002	0.004	0.004
11:00 AM - 12:00 PM	0.004	0.003	0.002	0.002	0.002	0.002	0.004
12:00 PM - 01:00 PM	0.005	0.002	0.003	0.003	<0.001	0.002	0.004
Average	0.003	0.005	0.004	0.004	0.003	0.004	0.004
1hr - Maximum	0.010	0.009	0.008	0.011	0.007	0.013	0.007
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

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

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

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.

456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000

P/O : สัญญาเลขที่ 4600001546

Project Name : Monitoring EIA

Project Location : GNRV1

Lot ID: 2244216

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number: 233561181

Page 1 of 1

Sample Description Air Puality
Location โรงเรียนบ้านมามะค่า ๔๕๖ (45b 0197463, 1653650)
Parameter Nitrogen dioxide (ppm)
Measurement Date May 23, 2022 - May 30, 2022
Measurement by (angtawan Natasat

Time	224421685 May 23, 2022	224421689 May 24, 2022	2244216810 May 25, 2022	2244216811 May 26, 2022	2244216812 May 27, 2022	2244216813 May 28, 2022	2244216814 May 29, 2022
12:00 bM 801:00 bM	<0.001	0.004	0.005	0.003	0.004	0.003	0.002
01:00 bM 802:00 bM	<0.001	0.005	0.004	0.003	0.005	0.004	0.002
02:00 bM 803:00 bM	<0.001	0.004	0.004	0.003	0.005	0.004	0.003
03:00 bM 804:00 bM	<0.001	0.003	0.005	0.002	0.003	0.003	0.002
04:00 bM 805:00 bM	<0.001	0.003	0.004	0.002	0.002	0.002	0.003
05:00 bM 806:00 bM	<0.001	0.004	0.003	0.002	0.002	0.002	0.003
06:00 bM 807:00 bM	<0.001	0.003	0.002	0.002	0.001	0.002	0.003
07:00 bM 808:00 bM	<0.001	0.004	0.002	0.002	0.002	0.003	0.002
08:00 bM 809:00 bM	<0.001	0.004	0.002	0.001	0.002	0.002	0.003
09:00 bM 810:00 bM	<0.001	0.003	0.002	0.002	0.002	0.003	0.002
10:00 bM 811:00 bM	<0.001	0.003	0.001	0.002	0.002	0.002	0.003
11:00 bM 812:00 AM	<0.001	0.003	0.002	0.003	0.003	0.003	0.002
12:00 AM 801:00 AM	0.001	0.003	0.001	0.002	0.003	0.002	0.002
01:00 AM 802:00 AM	0.001	0.002	0.001	0.001	0.002	0.002	0.001
02:00 AM 803:00 AM	<0.001	0.002	<0.001	<0.001	0.002	0.001	0.001
03:00 AM 804:00 AM	<0.001	0.002	0.001	<0.001	0.001	<0.001	0.001
04:00 AM 805:00 AM	<0.001	0.001	0.001	0.004	0.006	0.005	0.002
05:00 AM 806:00 AM	<0.001	0.001	0.001	<0.001	0.001	<0.001	0.001
06:00 AM 807:00 AM	<0.001	<0.001	0.005	0.001	0.001	0.001	0.002
07:00 AM 808:00 AM	<0.001	<0.001	0.001	0.002	0.001	0.002	0.002
08:00 AM 809:00 AM	0.001	0.002	0.002	0.002	0.001	0.002	0.002
09:00 AM 810:00 AM	0.002	0.003	0.002	0.002	0.002	0.002	0.002
10:00 AM 811:00 AM	0.002	0.004	0.002	0.002	0.002	0.003	0.002
11:00 AM 812:00 bM	0.003	0.005	0.003	0.003	0.002	0.004	0.002
Average	<0.001	0.003	0.002	0.002	0.002	0.003	0.002
1hr 8 Maximum	0.003	0.005	0.005	0.004	0.006	0.005	0.003
(standard 1hr 8 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 : U(EbAMethod bart 50 App. F Chemiluminescence)

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Analysis / Test Report

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456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000

P/O : สัญญาเลขที่ 4600001546

Project Name : Monitoring EIA

Project Location : GNRV1

Lot ID: 2244216

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number: 233561381

Page 1 of 1

Sample Description Air Puality
Location โรงพยาบาลส่งเสริมสุขภาพตำบลหนองปลิง อบ(45b 0193362, 1650626)
Parameter Nitrogen dioxide (ppm)
Measurement Date May 23, 2022 - May 30, 2022
Measurement by (angtawan Natasat

Time	2244216815 May 23, 2022	2244216816 May 24, 2022	2244216817 May 25, 2022	2244216818 May 26, 2022	2244216819 May 27, 2022	2244216820 May 28, 2022	2244216821 May 29, 2022
10:00 AM - 11:00 AM	0.001	<0.001	<0.001	0.001	0.002	<0.001	0.001
11:00 AM - 12:00 PM	0.001	<0.001	0.004	0.001	0.002	<0.001	<0.001
12:00 PM - 01:00 PM	0.001	<0.001	<0.001	0.001	0.001	0.001	<0.001
01:00 PM - 02:00 PM	0.002	<0.001	0.001	0.001	0.001	0.002	<0.001
02:00 PM - 03:00 PM	0.002	<0.001	0.001	0.002	0.001	0.002	0.002
03:00 PM - 04:00 PM	0.002	<0.001	0.002	0.002	0.002	0.003	0.001
04:00 PM - 05:00 PM	0.004	<0.001	0.002	0.003	0.002	0.003	0.004
05:00 PM - 06:00 PM	0.004	0.001	0.002	0.004	0.003	0.003	0.004
06:00 PM - 07:00 PM	0.005	0.001	0.003	0.003	0.002	0.001	0.002
07:00 PM - 08:00 PM	0.002	0.002	0.002	0.003	0.001	0.001	0.001
08:00 PM - 09:00 PM	0.002	0.002	0.001	0.002	<0.001	0.001	0.002
09:00 PM - 10:00 PM	0.002	0.004	0.001	0.001	<0.001	0.001	0.001
10:00 PM - 11:00 PM	<0.001	0.002	0.002	0.001	0.002	0.002	0.001
11:00 PM - 12:00 AM	0.001	<0.001	0.002	0.001	0.002	0.001	0.001
12:00 AM - 01:00 AM	<0.001	<0.001	0.001	0.001	0.001	0.002	0.001
01:00 AM - 02:00 AM	0.001	<0.001	<0.001	0.002	0.001	0.003	<0.001
02:00 AM - 03:00 AM	0.001	<0.001	<0.001	0.002	0.002	0.002	0.001
03:00 AM - 04:00 AM	0.004	<0.001	0.001	0.003	0.002	0.002	0.003
04:00 AM - 05:00 AM	0.004	<0.001	0.002	0.003	0.002	0.002	0.003
05:00 AM - 06:00 AM	0.003	<0.001	0.002	0.004	0.002	0.002	0.002
06:00 AM - 07:00 AM	0.002	<0.001	0.002	0.003	0.001	0.001	0.002
07:00 AM - 08:00 AM	0.002	<0.001	0.001	0.003	<0.001	<0.001	0.003
08:00 AM - 09:00 AM	0.002	<0.001	<0.001	0.002	<0.001	0.001	0.006
09:00 AM - 10:00 AM	0.001	<0.001	<0.001	0.001	0.001	<0.001	0.009
Average	0.002	0.001	0.002	0.002	0.002	0.002	0.002
1hr 8 Maximum	0.005	0.004	0.004	0.004	0.003	0.003	0.009
(standard 1hr 8 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 : U(EbA Method part 50 App. F Chemiluminescence)

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.

456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000

P/O : สัญญาเลขที่ 4600001546

Project Name : Monitoring EIA

Project Location : GNRV1

Lot ID: 2244216

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Num-er: 233561681

Page 1 of 1

Sample Description Air Puality
Location วัดใหม่หนองบอน QGb(4Sb 019722S, 1647957)
Parameter Nitrogen dioxide Qppm)
Measurement Date May 23, 2022 8 May 30, 2022
Measurement by (angtawan Natasat

Time	2244216822 May 23, 2022	2244216823 May 24, 2022	2244216824 May 25, 2022	2244216825 May 26, 2022	2244216826 May 27, 2022	2244216827 May 28, 2022	2244216828 May 29, 2022
11:00 AM 8 12:00 bM	0.001	<0.001	0.003	0.002	0.003	0.003	0.004
12:00 bM 8 01:00 bM	0.001	<0.001	0.003	0.003	0.003	0.003	0.006
01:00 bM 8 02:00 bM	0.001	<0.001	0.004	0.003	0.003	0.004	0.005
02:00 bM 8 03:00 bM	<0.001	<0.001	0.004	0.004	0.003	0.003	0.004
03:00 bM 8 04:00 bM	<0.001	<0.001	0.004	0.003	0.002	0.002	0.003
04:00 bM 8 05:00 bM	0.003	0.001	0.003	0.002	0.002	0.002	0.005
05:00 bM 8 06:00 bM	0.002	0.001	0.003	0.002	0.001	0.002	0.002
06:00 bM 8 07:00 bM	0.001	0.001	0.002	0.002	0.002	0.002	0.002
07:00 bM 8 08:00 bM	0.001	<0.001	0.002	0.002	0.002	0.002	0.002
08:00 bM 8 09:00 bM	<0.001	<0.001	0.002	0.002	0.002	0.002	0.004
09:00 bM 8 10:00 bM	<0.001	<0.001	0.001	0.010	0.002	0.002	0.003
10:00 bM 8 11:00 bM	<0.001	0.001	0.001	0.002	0.002	0.002	0.003
11:00 bM 8 12:00 AM	<0.001	0.002	0.003	0.003	0.002	0.002	0.004
12:00 AM 8 01:00 AM	<0.001	0.002	0.002	0.003	0.002	0.003	0.004
01:00 AM 8 02:00 AM	<0.001	0.002	0.003	0.003	0.003	0.004	0.003
02:00 AM 8 03:00 AM	<0.001	0.005	0.005	0.004	0.004	0.006	0.003
03:00 AM 8 04:00 AM	<0.001	0.005	0.005	0.004	0.006	0.004	0.003
04:00 AM 8 05:00 AM	0.001	0.006	0.006	0.005	0.005	0.003	0.003
05:00 AM 8 06:00 AM	0.001	0.005	0.006	0.006	0.004	0.003	0.003
06:00 AM 8 07:00 AM	0.001	0.003	0.006	0.005	0.003	0.003	0.003
07:00 AM 8 08:00 AM	0.002	0.003	0.005	0.005	0.002	0.003	0.003
08:00 AM 8 09:00 AM	<0.001	0.003	0.003	0.004	0.003	0.003	0.003
09:00 AM 8 10:00 AM	<0.001	0.003	0.003	0.003	0.003	0.003	0.003
10:00 AM 8 11:00 AM	<0.001	0.003	0.003	0.003	0.003	0.003	0.004
Average	0.001	0.002	0.003	0.004	0.003	0.003	0.003
1hr 8 Maximum	0.003	0.006	0.006	0.010	0.006	0.006	0.006
(tandard 1hr 8 Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

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

Reference Method : U(EbAMethod bart 50 App. F Qhemiluminescence)

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244218

Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number: 2283405-1

Page 1 of 1

Sample Description Air Quality
Location โรงเรียนบ้านหนองตากง (GPS 48P 0194367, 1654799)
Parameter Sulfur Dioxide (ppm)
Measurement Date May 23, 2022 - May 30, 2022
Measurement by Sangtawan Natasat

	2244218-1	2244218-2	2244218-3	2244218-4	2244218-5	2244218-6	2244218-7
Time	May 23, 2022	May 24, 2022	May 25, 2022	May 26, 2022	May 27, 2022	May 28, 2022	May 29, 2022
01:00 PM - 02:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
02:00 PM - 03:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
03:00 PM - 04:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04:00 PM - 05:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
05:00 PM - 06:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
06:00 PM - 07:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
07:00 PM - 08:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08:00 PM - 09:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
09:00 PM - 10:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10:00 PM - 11:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11:00 PM - 12:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12:00 AM - 01:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
01:00 AM - 02:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
02:00 AM - 03:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
03:00 AM - 04:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04:00 AM - 05:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
05:00 AM - 06:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
06:00 AM - 07:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
07:00 AM - 08:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08:00 AM - 09:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
09:00 AM - 10:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10:00 AM - 11:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11:00 AM - 12:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12:00 PM - 01:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Average	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1hr - Maximum	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

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

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Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244218

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number: 233573781

Page 1 of 1

Sample Description Air Puality
Location โรงเรียนบ้านมามะค่า ๕๖(45b 0197463, 1653650)
Parameter (ulfur Dioxide ppm)
Measurement Date May 23, 2022 - May 30, 2022
Measurement by (angtawan Natasat

Time	224421S85 May 23, 2022	224421S89 May 24, 2022	224421S810 May 25, 2022	224421S811 May 26, 2022	224421S812 May 27, 2022	224421S813 May 28, 2022	224421S814 May 29, 2022
12:00 bM 801:00 bM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
01:00 bM 802:00 bM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
02:00 bM 803:00 bM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
03:00 bM 804:00 bM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04:00 bM 805:00 bM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
05:00 bM 806:00 bM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
06:00 bM 807:00 bM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
07:00 bM 808:00 bM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08:00 bM 809:00 bM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
09:00 bM 810:00 bM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10:00 bM 811:00 bM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11:00 bM 812:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12:00 AM 801:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
01:00 AM 802:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
02:00 AM 803:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
03:00 AM 804:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04:00 AM 805:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
05:00 AM 806:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
06:00 AM 807:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
07:00 AM 808:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08:00 AM 809:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
09:00 AM 810:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10:00 AM 811:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11:00 AM 812:00 bM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Average	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1hr 8 Maximum	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
(tandard 1hr 8 Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
(tandard 24 hrs 8 Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

(tandard : Notification of the National Environment Board No.10, 1995 (B.E.2535), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).

Reference Method : U(EbA Method bart 53 and 55

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.

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(aranya Chalermthamrong

(cientist)

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.

456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000

P/O : สัญญาเลขที่ 4600001546

Project Name : Monitoring EIA

Project Location : GNRV1

Lot ID: 2244218

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number: 2335738-1

Page 1 of 1

Sample Description	Air Quality
Location	โรงพยาบาลส่งเสริมสุขภาพตำบลหนองปลิง (GPS 48P 0193362, 1650626)
Parameter	Sulfur Dioxide (ppm)
Measurement Date	May 23, 2022 - May 30, 2022
Measurement by	Sangtawan Natasat

	2244218-15 May 23, 2022	2244218-16 May 24, 2022	2244218-17 May 25, 2022	2244218-18 May 26, 2022	2244218-19 May 27, 2022	2244218-20 May 28, 2022	2244218-21 May 29, 2022
Time							
10:00 AM - 11:00 AM	0.001	0.001	0.001	<0.001	<0.001	<0.001	<0.001
11:00 AM - 12:00 PM	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12:00 PM - 01:00 PM	0.001	0.001	<0.001	<0.001	<0.001	0.001	<0.001
01:00 PM - 02:00 PM	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
02:00 PM - 03:00 PM	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
03:00 PM - 04:00 PM	0.001	0.001	<0.001	<0.001	<0.001	0.001	<0.001
04:00 PM - 05:00 PM	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
05:00 PM - 06:00 PM	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
06:00 PM - 07:00 PM	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
07:00 PM - 08:00 PM	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08:00 PM - 09:00 PM	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
09:00 PM - 10:00 PM	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10:00 PM - 11:00 PM	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11:00 PM - 12:00 AM	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12:00 AM - 01:00 AM	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
01:00 AM - 02:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
02:00 AM - 03:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
03:00 AM - 04:00 AM	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04:00 AM - 05:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
05:00 AM - 06:00 AM	0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001
06:00 AM - 07:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
07:00 AM - 08:00 AM	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08:00 AM - 09:00 AM	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
09:00 AM - 10:00 AM	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Average	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1hr - Maximum	0.001	0.001	0.001	<0.001	<0.001	0.001	<0.001
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

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

Reference Method : US EPA Method Part 53 and 58

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.

456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000

P/O : สัญญาเลขที่4600001546

Project Name : Monitoring EIA

Project Location : GNRV1

Lot ID: 2244218

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number: 2335738-1

Page 1 of 1

Sample Description Air Quality
Location วัดใหม่หนองบอน (GPS 49P 0187229, 1647857)
Parameter Sulfur Dioxide (ppm)
Measurement Date May 23, 2022 - May 30, 2022
Measurement by Sangtawan Natasat

Time	2244219-22 May 23, 2022	2244219-23 May 24, 2022	2244219-24 May 25, 2022	2244219-25 May 26, 2022	2244219-26 May 27, 2022	2244219-27 May 29, 2022	2244219-29 May 28, 2022
11:00 AM - 12:00 PM	<0.001	0.001	0.001	0.001	0.001	0.001	0.001
12:00 PM - 01:00 PM	<0.001	0.001	0.001	0.001	0.001	0.001	0.001
01:00 PM - 02:00 PM	<0.001	0.001	0.001	0.001	0.001	0.002	0.001
02:00 PM - 03:00 PM	<0.001	0.001	0.001	0.001	0.001	0.001	0.001
03:00 PM - 04:00 PM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
04:00 PM - 05:00 PM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
05:00 PM - 06:00 PM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
06:00 PM - 07:00 PM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
07:00 PM - 09:00 PM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
09:00 PM - 08:00 PM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
08:00 PM - 10:00 PM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
10:00 PM - 11:00 PM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
11:00 PM - 12:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
12:00 AM - 01:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
01:00 AM - 02:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
02:00 AM - 03:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
03:00 AM - 04:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
04:00 AM - 05:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
05:00 AM - 06:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
06:00 AM - 07:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
07:00 AM - 09:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
09:00 AM - 08:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
08:00 AM - 10:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
10:00 AM - 11:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Average	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1hr - Maximum	0.001	0.001	0.001	0.001	0.001	0.002	0.001
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

Standard : Notification of the National Environment Board No.10, 1885 (B.E.2539), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).

Reference Method : US EPA Method Part 53 and 59

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244220
Date Received : May 31, 2022
Date Reported : Jun 06, 2022
Report Number : 2331510-1

Page 1 of 1

Sample Number : 2244220-1 to 7
Parameter : Temperature
Location : โรงเรียนบ้านหนองตากคง (GPS 48P 0194367, 1654799)
Sampling Date : May 23 - May 30, 2022
Sampling by : Sangtawan Natasat

Time	Temperature (°C)						
	May 23 - May 24, 2022	May 24 - May 25, 2022	May 25 - May 26, 2022	May 26 - May 27, 2022	May 27 - May 28, 2022	May 28 - May 29, 2022	May 29 - May 30, 2022
01:00 PM - 02:00 PM	34.1	32.0	33.7	34.0	34.8	32.6	34.8
02:00 PM - 03:00 PM	33.8	27.3	32.7	33.9	33.7	33.7	34.5
03:00 PM - 04:00 PM	33.2	26.2	33.6	33.1	34.2	33.1	34.7
04:00 PM - 05:00 PM	32.5	25.4	32.6	32.9	33.9	31.6	34.7
05:00 PM - 06:00 PM	31.7	25.5	32.1	33.6	30.4	30.0	32.0
06:00 PM - 07:00 PM	30.4	25.6	31.1	32.3	28.4	28.4	31.0
07:00 PM - 08:00 PM	29.0	25.5	29.8	31.1	27.7	27.7	30.0
08:00 PM - 09:00 PM	27.8	25.5	29.0	29.5	27.3	27.6	29.3
09:00 PM - 10:00 PM	27.6	25.5	28.4	29.2	27.2	26.7	28.8
10:00 PM - 11:00 PM	27.2	25.4	28.2	28.4	27.5	26.4	28.2
11:00 PM - 12:00 AM	27.0	25.6	27.8	27.6	26.7	26.3	27.9
12:00 AM - 01:00 AM	26.7	25.5	27.6	27.0	26.1	26.2	27.6
01:00 AM - 02:00 AM	26.2	25.6	27.6	27.0	25.6	25.7	26.8
02:00 AM - 03:00 AM	25.9	25.5	27.1	26.5	25.6	25.3	26.1
03:00 AM - 04:00 AM	25.9	25.3	26.6	26.1	25.5	25.0	25.7
04:00 AM - 05:00 AM	25.6	24.9	26.1	25.9	24.8	25.3	25.0
05:00 AM - 06:00 AM	25.5	24.4	25.6	25.5	24.4	25.5	25.0
06:00 AM - 07:00 AM	25.7	24.8	25.1	25.3	24.5	25.1	25.4
07:00 AM - 08:00 AM	26.8	27.1	27.3	26.8	26.4	27.1	26.7
08:00 AM - 09:00 AM	28.6	28.3	29.4	28.8	27.8	29.2	29.7
09:00 AM - 10:00 AM	29.0	29.5	30.6	30.8	29.5	30.5	30.6
10:00 AM - 11:00 AM	30.9	31.2	32.1	31.8	30.9	31.5	31.2
11:00 AM - 12:00 PM	32.2	32.0	32.9	33.2	32.0	32.4	32.5
12:00 PM - 01:00 PM	32.7	33.1	33.1	34.4	33.1	33.9	33.4
Average - 24 hr	29.0	26.9	29.6	29.8	28.7	28.6	29.7
Max - 1 hr	34.1	33.1	33.7	34.4	34.8	33.9	34.8
Min - 1 hr	25.5	24.4	25.1	25.3	24.4	25.0	25.0

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Approved by

Sarayuth Jittranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244220
Date Received : May 31, 2022
Date Reported : Jun 06, 2022
Report Number : 2331517-1

Page 1 of 1

Sample Number : 2244220-8 to 14
Parameter : Temperature
Location : โรงเรียนบ้านมาบมะค่า (GPS 48P 0197463, 1653650)
Sampling Date : May 23 - May 30, 2022
Sampling by : Sangtawan Natasat

Time	Temperature (°C)						
	May 23 - May 24, 2022	May 24 - May 25, 2022	May 25 - May 26, 2022	May 26 - May 27, 2022	May 27 - May 28, 2022	May 28 - May 29, 2022	May 29 - May 30, 2022
12:00 PM - 01:00 PM	32.8	34.6	33.6	33.3	34.2	32.6	34.9
01:00 PM - 02:00 PM	33.6	33.9	34.1	33.9	34.3	32.9	35.4
02:00 PM - 03:00 PM	33.8	33.4	32.3	34.1	34.1	34.2	33.4
03:00 PM - 04:00 PM	34.2	24.4	33.4	33.8	33.9	33.2	31.9
04:00 PM - 05:00 PM	32.8	26.1	33.2	33.3	33.7	31.4	31.0
05:00 PM - 06:00 PM	32.1	24.9	32.5	33.2	30.3	29.9	29.8
06:00 PM - 07:00 PM	31.0	25.3	31.0	32.1	28.6	28.4	29.3
07:00 PM - 08:00 PM	29.4	25.1	29.6	30.7	27.7	27.7	28.7
08:00 PM - 09:00 PM	28.8	24.8	28.7	29.7	27.5	27.1	28.6
09:00 PM - 10:00 PM	28.3	24.9	28.1	28.8	27.0	26.5	27.9
10:00 PM - 11:00 PM	27.8	24.8	27.6	28.3	27.1	25.9	27.5
11:00 PM - 12:00 AM	27.1	25.1	27.3	27.5	26.9	25.4	26.7
12:00 AM - 01:00 AM	26.9	25.3	27.3	27.0	26.0	25.8	25.8
01:00 AM - 02:00 AM	26.6	25.8	27.6	26.9	25.3	25.4	25.2
02:00 AM - 03:00 AM	26.0	25.5	26.7	26.3	25.3	25.3	24.8
03:00 AM - 04:00 AM	26.0	25.2	26.4	25.7	25.7	24.8	24.6
04:00 AM - 05:00 AM	25.4	24.9	25.8	25.5	24.8	24.6	25.3
05:00 AM - 06:00 AM	25.3	25.2	25.2	25.3	24.6	24.4	27.8
06:00 AM - 07:00 AM	25.4	25.3	24.8	25.2	24.3	24.9	30.7
07:00 AM - 08:00 AM	26.3	27.8	28.3	27.0	26.6	28.2	31.3
08:00 AM - 09:00 AM	27.5	28.3	30.1	29.2	28.3	30.2	31.4
09:00 AM - 10:00 AM	28.8	29.1	31.2	30.8	30.1	31.7	31.9
10:00 AM - 11:00 AM	30.9	31.9	33.3	32.3	32.1	32.3	32.1
11:00 AM - 12:00 PM	32.3	32.2	32.8	33.3	32.3	33.7	32.7
Average - 24 hr	29.1	27.2	29.6	29.7	28.8	28.6	29.5
Max - 1 hr	34.2	34.6	34.1	34.1	34.3	34.2	35.4
Min - 1 hr	25.3	24.4	24.8	25.2	24.3	24.4	24.6

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Approved by

Sarayuth Jittranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
 456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244220
Date Received : May 31, 2022
Date Reported : Jun 06, 2022
Report Number : 2331513-1

Page 1 of 1

Sample Number : 2244220-15 to 21
Parameter : Temperature
Location : โรงพยาบาลส่งเสริมสุขภาพตำบลหนองปลิง (GPS 48P 0193362, 1650626)
Sampling Date : May 23 - May 30, 2022
Sampling by : Sangtawan Natasat

Time	Temperature (°C)						
	May 23 - May 24, 2022	May 24 - May 25, 2022	May 25 - May 26, 2022	May 26 - May 27, 2022	May 27 - May 28, 2022	May 28 - May 29, 2022	May 29 - May 30, 2022
10:00 AM - 11:00 AM	33.6	31.5	31.5	34.4	33.4	33.7	33.3
11:00 AM - 12:00 PM	33.9	32.8	33.1	35.6	34.8	33.7	34.4
12:00 PM - 01:00 PM	34.2	33.9	34.2	35.3	34.8	34.8	35.8
01:00 PM - 02:00 PM	35.0	33.9	35.1	35.1	35.8	35.6	36.9
02:00 PM - 03:00 PM	35.5	33.7	34.5	35.9	35.9	35.1	35.9
03:00 PM - 04:00 PM	33.7	24.5	32.6	35.0	35.0	34.5	35.5
04:00 PM - 05:00 PM	33.1	26.2	33.4	35.1	34.8	34.2	32.3
05:00 PM - 06:00 PM	32.0	24.3	32.8	33.8	30.5	33.9	31.6
06:00 PM - 07:00 PM	30.3	24.2	30.4	32.0	28.8	32.2	30.4
07:00 PM - 08:00 PM	27.9	24.0	28.6	29.7	27.6	29.2	29.3
08:00 PM - 09:00 PM	26.8	24.8	27.0	27.8	27.0	28.2	28.6
09:00 PM - 10:00 PM	26.0	24.6	26.4	27.5	27.1	27.8	27.7
10:00 PM - 11:00 PM	26.4	25.0	25.7	26.8	26.7	26.7	27.2
11:00 PM - 12:00 AM	26.7	25.1	25.7	26.1	26.7	26.5	26.4
12:00 AM - 01:00 AM	26.0	24.9	25.9	26.5	26.2	26.0	26.6
01:00 AM - 02:00 AM	26.2	24.9	26.2	25.7	25.9	24.9	25.7
02:00 AM - 03:00 AM	25.5	24.5	25.7	25.1	24.9	24.9	24.6
03:00 AM - 04:00 AM	25.1	24.3	25.5	24.6	25.1	24.9	24.3
04:00 AM - 05:00 AM	25.5	24.3	25.0	24.4	24.2	24.3	23.9
05:00 AM - 06:00 AM	25.6	23.9	24.6	24.6	23.7	24.2	24.2
06:00 AM - 07:00 AM	25.4	23.5	23.9	23.5	23.5	24.0	25.7
07:00 AM - 08:00 AM	26.2	27.2	27.0	25.5	25.9	25.5	28.3
08:00 AM - 09:00 AM	27.8	28.3	30.0	29.2	27.7	28.2	29.4
09:00 AM - 10:00 AM	29.2	30.8	32.8	31.6	30.8	32.7	31.2
Average – 24 hr	29.1	26.9	29.1	29.6	29.0	29.4	29.6
Max – 1 hr	35.5	33.9	35.1	35.9	35.9	35.6	36.9
Min – 1 hr	25.1	23.5	23.9	23.5	23.5	24.0	23.9

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Approved by

Sarayuth Jittranont
 Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244220
Date Received : May 31, 2022
Date Reported : Jun 06, 2022
Report Number : 2331512-1

Page 1 of 1

Sample Number : 2244220-22 to 28
Parameter : Temperature
Location : วัดใหม่หนองบอน (GPS 48P 0197228, 1647957)
Sampling Date : May 23 - May 30, 2022
Sampling by : Sangtawan Natasat

Time	Temperature (°C)						
	May 23 - May 24, 2022	May 24 - May 25, 2022	May 25 - May 26, 2022	May 26 - May 27, 2022	May 27 - May 28, 2022	May 28 - May 29, 2022	May 29 - May 30, 2022
11:00 AM - 12:00 PM	33.4	32.7	32.7	33.8	34.2	33.2	34.3
12:00 PM - 01:00 PM	33.7	33.8	34.3	34.9	35.4	34.4	35.8
01:00 PM - 02:00 PM	34.5	33.2	35.9	35.5	36.1	36.2	35.6
02:00 PM - 03:00 PM	34.0	32.9	33.3	35.1	34.7	35.8	35.6
03:00 PM - 04:00 PM	34.4	26.6	34.3	34.8	35.0	34.8	32.7
04:00 PM - 05:00 PM	33.8	28.2	33.6	34.4	34.8	34.2	32.9
05:00 PM - 06:00 PM	32.5	25.1	32.5	33.6	29.3	33.6	31.5
06:00 PM - 07:00 PM	30.8	24.5	30.9	32.1	28.4	32.0	29.9
07:00 PM - 08:00 PM	28.6	24.9	29.5	30.3	27.7	30.0	29.2
08:00 PM - 09:00 PM	27.6	25.1	28.6	29.4	27.6	28.6	28.4
09:00 PM - 10:00 PM	27.2	25.3	27.8	28.8	27.1	27.8	28.1
10:00 PM - 11:00 PM	27.3	24.8	27.3	28.1	27.1	27.2	27.9
11:00 PM - 12:00 AM	27.0	25.1	27.0	27.5	26.5	26.5	27.2
12:00 AM - 01:00 AM	26.6	25.5	27.0	26.8	26.0	26.0	26.1
01:00 AM - 02:00 AM	26.2	25.3	26.6	26.7	25.5	25.7	25.7
02:00 AM - 03:00 AM	25.9	25.4	26.2	25.9	25.3	25.3	25.4
03:00 AM - 04:00 AM	25.6	24.9	26.0	25.0	25.6	24.6	24.6
04:00 AM - 05:00 AM	25.6	24.9	25.6	25.5	24.8	24.9	24.8
05:00 AM - 06:00 AM	25.6	24.5	25.4	24.8	24.2	24.2	25.3
06:00 AM - 07:00 AM	25.6	24.4	25.9	25.1	24.6	24.8	27.0
07:00 AM - 08:00 AM	26.6	27.0	27.6	26.5	26.6	26.5	30.1
08:00 AM - 09:00 AM	28.4	29.4	30.1	29.3	28.3	28.8	31.2
09:00 AM - 10:00 AM	29.2	31.4	32.0	31.5	30.4	32.1	32.4
10:00 AM - 11:00 AM	31.6	32.0	32.2	33.4	32.6	35.0	33.1
Average – 24 hr	29.2	27.4	29.7	30.0	29.1	29.7	29.8
Max – 1 hr	34.5	33.8	35.9	35.5	36.1	36.2	35.8
Min – 1 hr	25.6	24.4	25.4	24.8	24.2	24.2	24.6

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Approved by

Sarayuth Jittranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.

456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000

P/O : สัญญาเลขที่ 4600001546

Project Name : Monitoring EIA

Project Location : GNRV1

Lot ID : 2244224

Date Received : May 31, 2022

Date Reported : Jun 09, 2022

Report Number : 2283411-1

Page 1 of 2

Sample Number 2244224-1 to 7
Parameter Wind Speed / Wind Direction
Location โรงเรียนบ้านหนองดาดง (GPS 48P 0194367, 1654799)
Sampling Date May 23 - May 30, 2022
Sampling by Sangtawan Natasat

Time	May 23 - May 24, 2022			May 24 - May 25, 2022			May 25 - May 26, 2022			May 26 - May 27, 2022			May 27 - May 28, 2022			May 28 - May 29, 2022			May 29 - May 30, 2022		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
01:00 PM - 02:00 PM	1.1	334.0	NNW	2.8	249.0	WSW	3.8	338.0	NNW	0.3	10.0	N	1.4	352.0	N	2.6	284.0	WNW	1.9	279.0	W
02:00 PM - 03:00 PM	1.7	355.0	N	8.3	265.0	W	1.2	338.0	NNW	2.7	278.0	W	2.3	271.0	W	2.1	251.0	WSW	2.5	246.0	WSW
03:00 PM - 04:00 PM	2.3	252.0	WSW	0.7	232.0	SW	1.5	329.0	NNW	1.7	232.0	SW	1.9	301.0	WNW	3.2	244.0	WSW	2.9	256.0	WSW
04:00 PM - 05:00 PM	2.3	242.0	WSW	2.2	155.0	SSE	2.2	297.0	WNW	2.5	249.0	WSW	2.4	337.0	NNW	0.7	254.0	WSW	0.6	211.0	SSW
05:00 PM - 06:00 PM	3.3	292.0	WNW	0.0	-	-	0.7	237.0	WSW	2.1	324.0	NW	1.3	304.0	NW	0.5	250.0	WSW	0.5	231.0	SW
06:00 PM - 07:00 PM	3.1	249.0	WSW	1.3	206.0	SSW	0.7	279.0	W	0.9	287.0	WNW	0.3	267.0	W	0.6	159.0	SSE	1.3	218.0	SW
07:00 PM - 08:00 PM	0.2	-	-	0.0	-	-	0.7	247.0	WSW	0.6	302.0	WNW	1.1	215.0	SW	0.0	-	-	1.3	228.0	SW
08:00 PM - 09:00 PM	0.4	230.0	SW	1.7	252.0	WSW	0.4	263.0	W	1.5	261.0	W	0.4	188.0	S	0.7	229.0	SW	2.4	252.0	WSW
09:00 PM - 10:00 PM	0.2	-	-	0.1	-	-	1.4	256.0	WSW	1.1	203.0	SSW	0.9	246.0	WSW	0.0	-	-	1.7	259.0	W
10:00 PM - 11:00 PM	1.0	246.0	WSW	0.5	227.0	SW	1.6	254.0	WSW	1.4	272.0	W	0.3	196.0	SSW	0.7	257.0	WSW	2.4	248.0	WSW
11:00 PM - 12:00 AM	2.3	250.0	WSW	1.4	187.0	S	0.3	260.0	W	0.4	257.0	WSW	1.6	237.0	WSW	0.4	241.0	WSW	1.8	242.0	WSW
12:00 AM - 01:00 AM	0.9	260.0	W	2.1	246.0	WSW	1.0	285.0	WNW	0.0	-	-	1.1	220.0	SW	1.4	260.0	W	0.6	229.0	SW
01:00 AM - 02:00 AM	0.4	225.0	SW	1.8	242.0	WSW	1.3	265.0	W	0.7	240.0	WSW	0.0	-	-	0.7	181.0	S	1.6	223.0	SW
02:00 AM - 03:00 AM	0.8	238.0	WSW	1.8	215.0	SW	2.3	188.0	S	1.1	271.0	W	1.3	252.0	WSW	0.7	189.0	S	1.4	214.0	SW
03:00 AM - 04:00 AM	1.4	219.0	SW	1.4	222.0	SW	1.5	268.0	W	1.2	232.0	SW	1.5	228.0	SW	0.5	221.0	SW	1.1	286.0	WNW
04:00 AM - 05:00 AM	0.3	145.0	SE	1.5	222.0	SW	0.4	254.0	WSW	2.7	285.0	WNW	0.8	232.0	SW	0.4	261.0	W	0.5	286.0	WNW
05:00 AM - 06:00 AM	1.4	201.0	SSW	1.2	225.0	SW	0.5	259.0	W	0.0	-	-	0.4	209.0	SSW	0.5	208.0	SSW	0.7	207.0	SSW
06:00 AM - 07:00 AM	0.8	245.0	WSW	1.0	233.0	SW	0.0	-	-	0.6	221.0	SW	0.5	194.0	SSW	1.0	198.0	SSW	0.1	-	-
07:00 AM - 08:00 AM	1.3	230.0	SW	1.0	286.0	WNW	1.8	267.0	W	1.8	245.0	WSW	1.4	237.0	WSW	1.4	207.0	SSW	0.0	-	-
08:00 AM - 09:00 AM	2.5	209.0	SSW	0.0	-	-	3.0	237.0	WSW	0.5	282.0	WNW	0.2	-	-	0.0	-	-	1.1	276.0	W
09:00 AM - 10:00 AM	0.5	209.0	SSW	2.1	298.0	WNW	1.2	236.0	SW	1.3	240.0	WSW	2.9	270.0	W	2.8	265.0	W	1.5	258.0	WSW
10:00 AM - 11:00 AM	2.1	257.0	WSW	3.4	326.0	NW	0.8	249.0	WSW	4.2	283.0	WNW	3.2	248.0	WSW	0.0	-	-	1.7	259.0	W
11:00 AM - 12:00 PM	2.5	261.0	W	2.9	317.0	NW	1.4	229.0	SW	3.2	271.0	W	1.6	324.0	NW	1.0	278.0	W	1.1	247.0	WSW
12:00 PM - 01:00 PM	2.4	278.0	W	0.0	-	-	1.7	245.0	WSW	2.2	16.0	NNE	3.0	294.0	WNW	1.2	258.0	WSW	1.2	211.0	SSW

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.

456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000

P/O : สัญญาเลขที่ 4600001546

Project Name : Monitoring EIA

Project Location : GNRV1

Lot ID : 2244224

Date Received : May 31, 2022

Date Reported : Jun 09, 2022

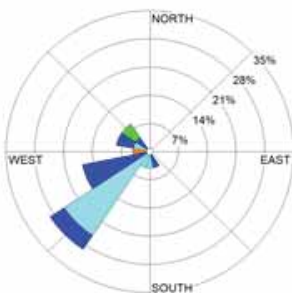
Report Number : 2283411-1

Page 2 of 2

Wind Rose



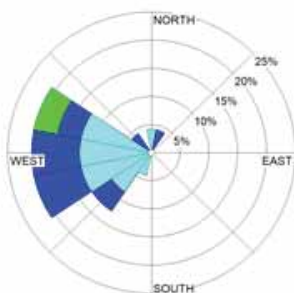
Date : May 23-24, 2022



Date : May 24-25, 2022



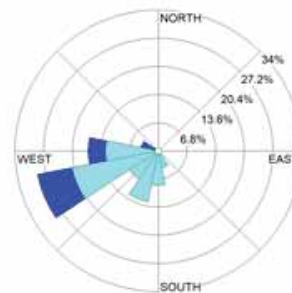
Date : May 25-26, 2022



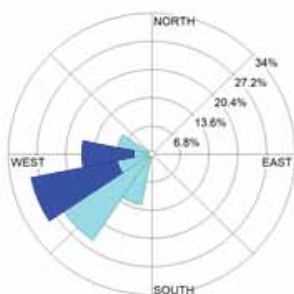
Date : May 26-27, 2022



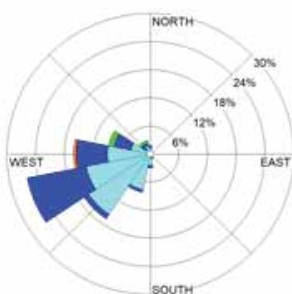
Date : May 27-28, 2022



Date : May 28-29, 2022



Date : May 29-30, 2022



Date : May 23-30, 2022

WS(m/s)	%
≥ 10.0	0.00
8.0-10.0	0.60
5.5-8.0	0.00
3.3-5.5	2.38
1.7-3.3	28.57
0.3-1.7	57.74
Calms	10.71

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

Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.

456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000

P/O : สัญญาเลขที่ 4600001546

Project Name : Monitoring EIA

Project Location : GNRV1

Lot ID : 2244224

Date Received : May 31, 2022

Date Reported : Jun 09, 2022

Report Number : 2283411-1

Page 1 of 2

Sample Number 2244224-8 to 14
Parameter Wind Speed / Wind Direction
Location โรงเรียนบ้านมาบะคำ (GPS 48P 0197463, 1653650)
Sampling Date May 23 - May 30, 2022
Sampling by Sangtawan Natasat

Time	May 23 - May 24, 2022			May 24 - May 25, 2022			May 25 - May 26, 2022			May 26 - May 27, 2022			May 27 - May 28, 2022			May 28 - May 29, 2022			May 29 - May 30, 2022		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
12:00 PM - 01:00 PM	5.2	271.0	W	0.0	-	-	2.4	267.0	W	1.1	210.0	SSW	1.4	298.0	WNW	1.8	276.0	W	2.4	234.0	SW
01:00 PM - 02:00 PM	2.2	265.0	W	0.8	346.0	NNW	7.5	269.0	W	6.3	261.0	W	0.0	-	-	7.3	298.0	WNW	5.3	278.0	W
02:00 PM - 03:00 PM	0.0	-	-	1.3	295.0	WNW	5.9	285.0	WNW	2.0	232.0	SW	0.0	-	-	4.8	191.0	S	1.6	214.0	SW
03:00 PM - 04:00 PM	1.4	258.0	WSW	1.2	325.0	NW	4.7	204.0	SSW	2.3	281.0	W	0.0	-	-	2.4	154.0	SSE	1.9	127.0	SE
04:00 PM - 05:00 PM	2.4	211.0	SSW	1.0	33.0	NNE	3.1	44.0	NE	0.0	-	-	0.0	-	-	2.3	263.0	W	1.4	96.0	E
05:00 PM - 06:00 PM	4.0	359.0	N	1.1	37.0	NE	2.2	277.0	W	0.7	283.0	WNW	3.0	279.0	W	2.1	294.0	WNW	2.5	82.0	E
06:00 PM - 07:00 PM	2.1	169.0	S	0.9	288.0	WNW	0.2	-	-	5.9	293.0	WNW	2.9	235.0	SW	2.0	73.0	ENE	3.5	25.0	NNE
07:00 PM - 08:00 PM	3.0	214.0	SW	0.8	290.0	WNW	0.5	310.0	NW	0.1	-	-	2.1	299.0	WNW	2.3	41.0	NE	2.4	33.0	NNE
08:00 PM - 09:00 PM	3.2	214.0	SW	0.5	290.0	WNW	0.3	202.0	SSW	0.2	-	-	2.0	276.0	W	1.2	65.0	ENE	2.1	76.0	ENE
09:00 PM - 10:00 PM	2.2	247.0	WSW	0.7	290.0	WNW	0.4	297.0	WNW	0.1	-	-	1.8	40.0	NE	1.5	65.0	ENE	2.0	144.0	SE
10:00 PM - 11:00 PM	1.2	277.0	W	0.4	290.0	WNW	0.7	238.0	WSW	0.0	-	-	1.2	265.0	W	1.4	65.0	ENE	1.3	300.0	WNW
11:00 PM - 12:00 AM	1.5	71.0	ENE	0.5	290.0	WNW	0.1	-	-	1.0	207.0	SSW	1.5	267.0	W	1.7	65.0	ENE	1.0	302.0	WNW
12:00 AM - 01:00 AM	0.4	78.0	ENE	0.0	-	-	1.8	340.0	NNW	0.0	-	-	1.0	267.0	W	1.5	65.0	ENE	1.2	302.0	WNW
01:00 AM - 02:00 AM	0.5	63.0	ENE	1.4	277.0	W	1.5	308.0	NW	0.0	-	-	1.2	267.0	W	4.0	65.0	ENE	0.9	289.0	WNW
02:00 AM - 03:00 AM	0.1	-	-	4.2	311.0	NW	1.7	257.0	WSW	0.0	-	-	2.2	109.0	ESE	0.5	43.0	NE	0.2	-	-
03:00 AM - 04:00 AM	0.2	-	-	2.0	0.0	N	1.0	284.0	WNW	0.0	-	-	4.4	344.0	NNW	2.3	43.0	NE	0.8	288.0	WNW
04:00 AM - 05:00 AM	0.2	-	-	2.1	25.0	NNE	2.5	276.0	W	0.7	334.0	NNW	0.4	344.0	NNW	2.2	43.0	NE	0.4	289.0	WNW
05:00 AM - 06:00 AM	0.3	104.0	ESE	1.5	26.0	NNE	0.2	-	-	1.9	98.0	E	0.5	344.0	NNW	2.8	50.0	NE	1.7	286.0	WNW
06:00 AM - 07:00 AM	0.7	104.0	ESE	1.9	40.0	NE	0.1	-	-	0.0	-	-	3.0	344.0	NNW	3.0	50.0	NE	1.9	313.0	NW
07:00 AM - 08:00 AM	1.2	107.0	ESE	1.5	239.0	WSW	1.2	326.0	NW	0.0	-	-	0.2	-	-	3.2	50.0	NE	2.0	182.0	S
08:00 AM - 09:00 AM	1.5	69.0	ENE	0.0	-	-	0.1	-	-	3.7	251.0	WSW	1.7	244.0	WSW	1.0	269.0	W	1.7	184.0	S
09:00 AM - 10:00 AM	1.4	295.0	WNW	3.7	252.0	WSW	1.3	173.0	S	1.1	316.0	NW	2.3	249.0	WSW	1.4	220.0	SW	1.5	175.0	S
10:00 AM - 11:00 AM	0.2	-	-	2.2	235.0	SW	0.0	-	-	4.2	276.0	W	0.9	121.0	ESE	1.7	278.0	W	3.1	128.0	SE
11:00 AM - 12:00 PM	0.1	-	-	2.1	258.0	WSW	4.8	283.0	WNW	0.8	172.0	S	2.8	315.0	NW	2.8	286.0	WNW	2.7	147.0	SSE

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Approved by

Sarayuth Jittranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.

456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000

P/O : สัญญาเลขที่ 4600001546

Project Name : Monitoring EIA

Project Location : GNRV1

Lot ID : 2244224

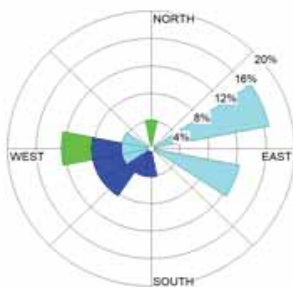
Date Received : May 31, 2022

Date Reported : Jun 09, 2022

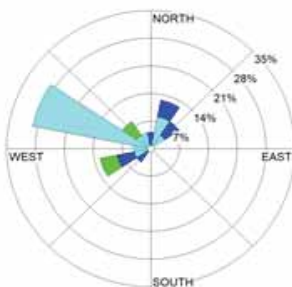
Report Number : 2283411-1

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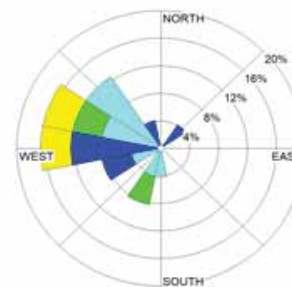
Wind Rose



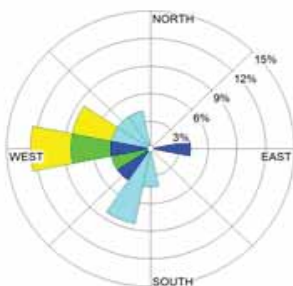
Date : May 23-24, 2022



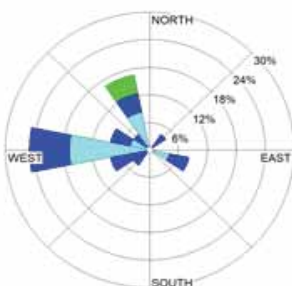
Date : May 24-25, 2022



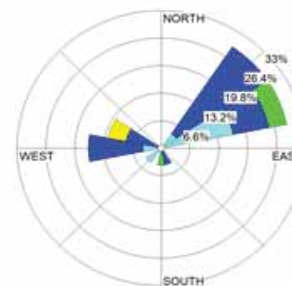
Date : May 25-26, 2022



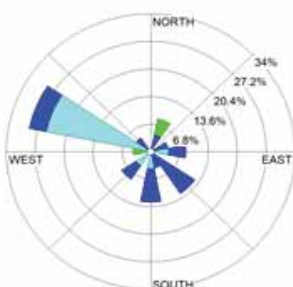
Date : May 26-27, 2022



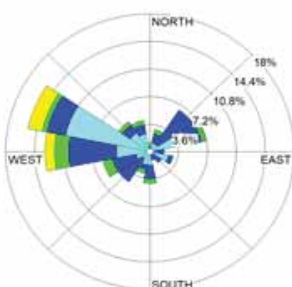
Date : May 27-28, 2022



Date : May 28-29, 2022



Date : May 29-30, 2022



Date : May 23-30, 2022

WS(m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	2.97
3.3-5.5	7.74
1.7-3.3	33.33
0.3-1.7	36.91
Calms	19.05

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.

456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000

P/O : สัญญาเลขที่ 4600001546

Project Name : Monitoring EIA

Project Location : GNRV1

Lot ID : 2244224

Date Received : May 31, 2022

Date Reported : Jun 09, 2022

Report Number : 2283411-1

Page 1 of 2

Sample Number 2244224-15 to 21
Parameter Wind Speed / Wind Direction
Location โรงพยาบาลส่งเสริมสุขภาพตำบลหนองปลิง (GPS 48P 0193362, 1650626)
Sampling Date May 23 - May 30, 2022
Sampling by Sangtawan Natasat

Time	May 23 - May 24, 2022			May 24 - May 25, 2022			May 25 - May 26, 2022			May 26 - May 27, 2022			May 27 - May 28, 2022			May 28 - May 29, 2022			May 29 - May 30, 2022		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
10:00 AM - 11:00 AM	1.0	145.0	SE	0.3	305.0	NW	0.4	298.0	WNW	0.2	-	-	1.1	286.0	WNW	1.0	222.0	SW	1.0	285.0	WNW
11:00 AM - 12:00 PM	1.1	149.0	SSE	1.7	307.0	NW	0.1	-	-	1.7	266.0	W	2.1	254.0	WSW	0.9	296.0	WNW	1.0	268.0	W
12:00 PM - 01:00 PM	1.3	254.0	WSW	0.4	142.0	SE	0.4	302.0	WNW	1.4	315.0	NW	0.8	262.0	W	1.1	111.0	ESE	0.7	262.0	W
01:00 PM - 02:00 PM	0.8	346.0	NNW	0.6	302.0	WNW	1.2	314.0	NW	0.8	324.0	NW	1.8	288.0	WNW	2.8	156.0	SSE	1.8	301.0	WNW
02:00 PM - 03:00 PM	0.2	-	-	0.2	-	-	1.6	290.0	WNW	1.0	264.0	W	0.7	307.0	NW	2.8	265.0	W	1.2	281.0	W
03:00 PM - 04:00 PM	0.1	-	-	0.7	348.0	NNW	2.1	285.0	WNW	0.5	274.0	W	6.4	265.0	W	0.7	318.0	NW	0.6	293.0	WNW
04:00 PM - 05:00 PM	0.5	327.0	NNW	0.2	-	-	0.3	287.0	WNW	1.5	323.0	NW	2.6	267.0	W	1.1	325.0	NW	1.8	180.0	S
05:00 PM - 06:00 PM	0.9	208.0	SSW	0.2	-	-	1.3	311.0	NW	0.8	290.0	WNW	1.2	336.0	NNW	1.6	221.0	SW	0.9	105.0	ESE
06:00 PM - 07:00 PM	0.7	290.0	WNW	2.3	253.0	WSW	1.6	53.0	NE	2.0	298.0	WNW	0.6	286.0	WNW	0.0	-	-	3.0	139.0	SE
07:00 PM - 08:00 PM	0.1	-	-	0.8	60.0	ENE	1.2	201.0	SSW	0.7	280.0	W	0.6	242.0	WSW	1.5	348.0	NNW	0.7	139.0	SE
08:00 PM - 09:00 PM	0.2	-	-	1.0	160.0	SSE	1.0	201.0	SSW	1.4	280.0	W	1.7	306.0	NW	2.6	198.0	SSW	2.0	206.0	SSW
09:00 PM - 10:00 PM	0.4	334.0	NNW	0.8	134.0	SE	1.4	201.0	SSW	0.2	-	-	2.0	138.0	SE	3.6	129.0	SE	0.1	-	-
10:00 PM - 11:00 PM	0.2	-	-	0.2	-	-	1.0	201.0	SSW	0.3	342.0	NNW	1.4	311.0	NW	1.9	219.0	SW	2.7	47.0	NE
11:00 PM - 12:00 AM	0.2	-	-	0.1	-	-	0.8	200.0	SSW	0.4	342.0	NNW	2.0	140.0	SE	1.8	145.0	SE	1.7	309.0	NW
12:00 AM - 01:00 AM	3.4	96.0	E	0.3	216.0	SW	0.2	-	-	0.2	-	-	0.9	188.0	S	0.4	137.0	SE	1.5	314.0	NW
01:00 AM - 02:00 AM	0.3	133.0	SE	1.7	349.0	N	1.5	140.0	SE	1.2	242.0	WSW	2.8	112.0	ESE	1.5	187.0	S	0.7	314.0	NW
02:00 AM - 03:00 AM	2.6	130.0	SE	1.1	349.0	N	0.9	223.0	SW	1.9	228.0	SW	2.1	132.0	SE	1.6	96.0	E	0.2	-	-
03:00 AM - 04:00 AM	2.4	344.0	NNW	0.5	349.0	N	1.2	112.0	ESE	1.5	145.0	SE	1.4	278.0	W	0.8	159.0	SSE	0.4	314.0	NW
04:00 AM - 05:00 AM	0.8	145.0	SE	0.7	349.0	N	1.1	310.0	NW	2.1	274.0	W	0.8	61.0	ENE	0.9	149.0	SSE	0.5	314.0	NW
05:00 AM - 06:00 AM	0.1	-	-	3.1	349.0	N	1.9	299.0	WNW	1.5	324.0	NW	0.3	61.0	ENE	0.3	311.0	NW	0.7	314.0	NW
06:00 AM - 07:00 AM	2.1	184.0	S	0.2	-	-	2.1	259.0	W	0.0	-	-	0.0	-	-	0.1	-	-	1.6	197.0	SSW
07:00 AM - 08:00 AM	0.2	-	-	0.4	349.0	N	0.3	257.0	WSW	0.6	324.0	NW	0.6	66.0	ENE	1.1	311.0	NW	1.4	227.0	SW
08:00 AM - 09:00 AM	2.1	301.0	WNW	0.2	-	-	0.8	279.0	W	0.5	322.0	NW	0.8	3.0	N	1.5	121.0	ESE	1.2	214.0	SW
09:00 AM - 10:00 AM	1.9	168.0	SSE	0.2	-	-	0.6	234.0	SW	0.4	290.0	WNW	0.0	-	-	0.2	-	-	1.1	224.0	SW

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.

456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000

P/O : สัญญาเลขที่ 4600001546

Project Name : Monitoring EIA

Project Location : GNRV1

Lot ID : 2244224

Date Received : May 31, 2022

Date Reported : Jun 09, 2022

Report Number : 2283411-1

Page 2 of 2

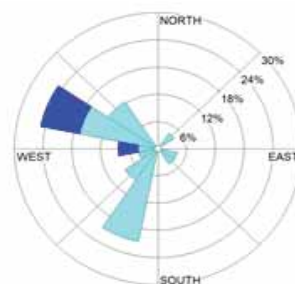
Wind Rose



Date : May 23-24, 2022



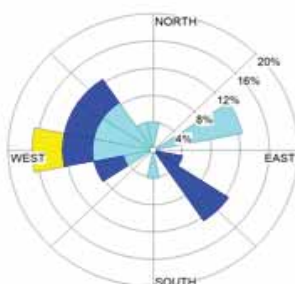
Date : May 24-25, 2022



Date : May 25-26, 2022



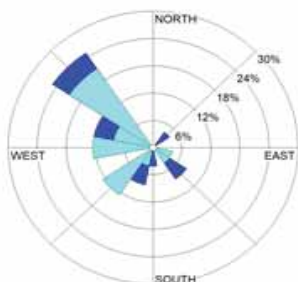
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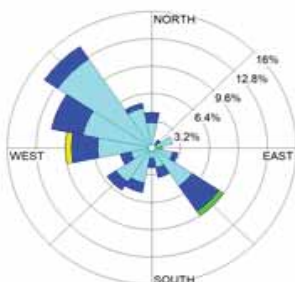
Date : May 27-28, 2022



Date : May 28-29, 2022



Date : May 29-30, 2022



Date : May 23-30, 2022

WS(m/s)		%
	≥ 10.0	0.00
	8.0-10.0	0.00
	5.5-8.0	0.60
	3.3-5.5	1.19
	1.7-3.3	20.83
	0.3-1.7	60.12
	Calms	17.26

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Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID : 2244224
Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number : 2283411-1

Page 1 of 2

Sample Number : 2244224-22 to 28
Parameter : Wind Speed / Wind Direction
Location : วัดใหม่หนองบอน (GPS 48P 0197228, 1647957)
Sampling Date : May 23 - May 30, 2022
Sampling by : Sangtawan Natasat

Time	May 23 - May 24, 2022			May 24 - May 25, 2022			May 25 - May 26, 2022			May 26 - May 27, 2022			May 27 - May 28, 2022			May 28 - May 29, 2022			May 29 - May 30, 2022		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
11:00 AM - 12:00 PM	0.7	154.0	SSE	1.3	86.0	E	1.7	150.0	SSE	1.3	225.0	SW	3.4	273.0	W	1.4	222.0	SW	0.5	274.0	W
12:00 PM - 01:00 PM	0.8	165.0	SSE	1.2	145.0	SE	0.4	275.0	W	0.9	176.0	S	1.3	157.0	SSE	2.0	191.0	S	1.0	107.0	ESE
01:00 PM - 02:00 PM	1.5	337.0	NNW	1.1	106.0	ESE	1.1	268.0	W	0.8	108.0	ESE	1.1	265.0	W	1.8	198.0	SSW	0.5	336.0	NNW
02:00 PM - 03:00 PM	3.0	304.0	NW	1.6	244.0	WSW	2.0	273.0	W	0.7	252.0	WSW	3.9	301.0	WNW	3.1	163.0	SSE	2.4	175.0	S
03:00 PM - 04:00 PM	1.2	192.0	SSW	0.2	-	-	3.0	265.0	W	0.8	150.0	SSE	2.4	182.0	S	2.0	266.0	W	0.6	146.0	SE
04:00 PM - 05:00 PM	0.6	136.0	SE	0.0	-	-	0.7	123.0	ESE	3.5	194.0	SSW	1.3	132.0	SE	1.7	189.0	S	0.9	127.0	SE
05:00 PM - 06:00 PM	0.7	215.0	SW	1.3	159.0	SSE	0.8	155.0	SSE	3.1	256.0	WSW	0.7	287.0	WNW	0.6	200.0	SSW	0.5	146.0	SE
06:00 PM - 07:00 PM	0.9	170.0	S	3.8	148.0	SSE	0.7	189.0	S	0.4	187.0	S	0.1	-	-	0.6	175.0	S	0.8	137.0	SE
07:00 PM - 08:00 PM	2.3	171.0	S	3.4	148.0	SSE	0.6	170.0	S	0.0	-	-	0.0	-	-	0.6	152.0	SSE	0.9	148.0	SSE
08:00 PM - 09:00 PM	2.6	171.0	S	2.8	148.0	SSE	0.1	-	-	0.2	-	-	0.5	186.0	S	1.3	135.0	SE	0.6	153.0	SSE
09:00 PM - 10:00 PM	3.4	171.0	S	2.6	148.0	SSE	0.7	191.0	S	0.5	137.0	SE	0.9	153.0	SSE	0.7	154.0	SSE	1.2	142.0	SE
10:00 PM - 11:00 PM	1.8	136.0	SE	1.9	148.0	SSE	0.7	180.0	S	0.0	-	-	1.8	155.0	SSE	2.3	160.0	SSE	0.2	-	-
11:00 PM - 12:00 AM	0.6	149.0	SSE	2.1	148.0	SSE	0.2	-	-	0.3	183.0	S	0.7	124.0	SE	1.5	197.0	SSW	2.8	140.0	SE
12:00 AM - 01:00 AM	0.7	154.0	SSE	4.6	144.0	SE	0.0	-	-	0.4	149.0	SSE	2.4	149.0	SSE	1.3	153.0	SSE	0.5	140.0	SE
01:00 AM - 02:00 AM	0.9	144.0	SE	3.5	146.0	SE	0.0	-	-	0.5	154.0	SSE	4.2	132.0	SE	1.5	132.0	SE	0.4	140.0	SE
02:00 AM - 03:00 AM	0.6	145.0	SE	3.4	146.0	SE	0.6	135.0	SE	0.7	155.0	SSE	3.2	132.0	SE	0.8	132.0	SE	0.5	140.0	SE
03:00 AM - 04:00 AM	0.5	135.0	SE	1.6	146.0	SE	0.3	186.0	S	0.0	-	-	2.3	141.0	SE	0.0	-	-	0.2	-	-
04:00 AM - 05:00 AM	1.6	131.0	SE	1.5	146.0	SE	0.0	-	-	0.7	135.0	SE	1.5	142.0	SE	1.6	151.0	SSE	0.5	140.0	SE
05:00 AM - 06:00 AM	0.4	131.0	SE	2.9	145.0	SE	0.7	121.0	ESE	0.0	-	-	1.3	142.0	SE	1.1	151.0	SSE	0.1	-	-
06:00 AM - 07:00 AM	1.1	139.0	SE	1.8	146.0	SE	0.3	46.0	NE	0.4	163.0	SSE	0.6	141.0	SE	2.8	151.0	SSE	0.8	219.0	SW
07:00 AM - 08:00 AM	0.2	-	-	0.0	-	-	1.1	142.0	SE	0.4	159.0	SSE	0.8	145.0	SE	0.8	103.0	ESE	0.5	125.0	SE
08:00 AM - 09:00 AM	1.1	156.0	SSE	0.9	291.0	WNW	1.5	204.0	SSW	0.6	160.0	SSE	1.0	149.0	SSE	0.7	198.0	SSW	0.2	-	-
09:00 AM - 10:00 AM	0.4	194.0	SSW	0.4	312.0	NW	1.0	140.0	SE	1.5	98.0	E	0.9	174.0	S	0.8	215.0	SW	0.7	102.0	ESE
10:00 AM - 11:00 AM	1.0	121.0	ESE	1.2	94.0	E	1.2	147.0	SSE	3.5	260.0	W	0.7	209.0	SSW	0.5	207.0	SSW	0.8	109.0	ESE

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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

Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.

456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000

P/O : สัญญาเลขที่ 4600001546

Project Name : Monitoring EIA

Project Location : GNRV1

Lot ID : 2244224

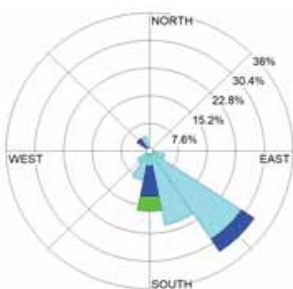
Date Received : May 31, 2022

Date Reported : Jun 09, 2022

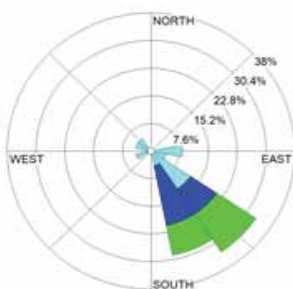
Report Number : 2283411-1

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Wind Rose



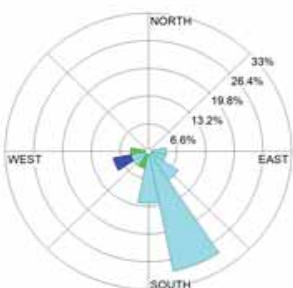
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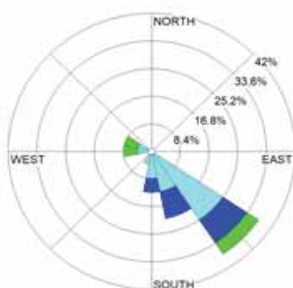
Date : May 24-25, 2022



Date : May 25-26, 2022



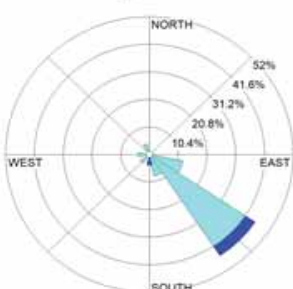
Date : May 26-27, 2022



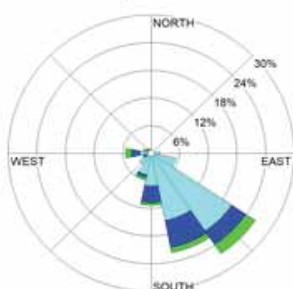
Date : May 27-28, 2022



Date : May 28-29, 2022



Date : May 29-30, 2022



Date : May 23-30, 2022

WS(m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	6.55
1.7-3.3	16.66
0.3-1.7	64.29
Calms	12.50

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Sarayuth Jitranont
Assistant General Manager

ภาคผนวก ค-3

ระดับเสียงทั่วไป



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338925-1

Page 1 of 1

Sample Number 2244225-1
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date May 23 - May 24, 2022
Measurement by Sangtawan Natasat
Sound Level meter Serial No. 709777

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:00 PM - 04:00 PM	61.6	75.7	60.2
04:00 PM - 05:00 PM	60.2	77.8	58.8
05:00 PM - 06:00 PM	60.8	74.6	59.6
06:00 PM - 07:00 PM	61.2	77.9	59.8
07:00 PM - 08:00 PM	60.7	79.9	59.0
08:00 PM - 09:00 PM	61.3	76.0	59.6
09:00 PM - 10:00 PM	59.9	72.7	58.9
10:00 PM - 11:00 PM	61.5	82.8	58.5
11:00 PM - 12:00 AM	59.7	71.6	58.6
12:00 AM - 01:00 AM	58.6	72.5	57.6
01:00 AM - 02:00 AM	58.2	69.7	57.3
02:00 AM - 03:00 AM	58.6	73.1	57.6
03:00 AM - 04:00 AM	58.2	61.6	57.3
04:00 AM - 05:00 AM	58.6	70.8	57.6
05:00 AM - 06:00 AM	59.2	79.2	57.7
06:00 AM - 07:00 AM	59.2	79.4	57.8
07:00 AM - 08:00 AM	60.1	80.7	58.8
08:00 AM - 09:00 AM	60.5	82.0	58.1
09:00 AM - 10:00 AM	58.9	81.5	57.1
10:00 AM - 11:00 AM	58.9	71.7	57.4
11:00 AM - 12:00 PM	59.7	78.3	57.7
12:00 PM - 01:00 PM	60.1	84.6	57.6
01:00 PM - 02:00 PM	59.3	68.9	58.0
02:00 PM - 03:00 PM	62.2	77.7	60.5

Leq Average 24 hrs. (dB(A)) 60.0
Lmax (dB(A)) 84.6
L90 (dB(A)) 58.0
Ldn (dB(A)) 65.8

Standard (dB(A))

70

115

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

Saranya C.

Saranya Chalermthamrong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338926-1

Page 1 of 1

Sample Number 2244225-2
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date May 24 - May 25, 2022
Measurement by Sangtawan Natasat
Sound Level meter Serial No. 709777

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:00 PM - 04:00 PM	62.3	83.4	60.1
04:00 PM - 05:00 PM	60.5	78.7	59.2
05:00 PM - 06:00 PM	61.9	84.1	59.2
06:00 PM - 07:00 PM	60.9	80.8	59.6
07:00 PM - 08:00 PM	61.2	80.4	58.8
08:00 PM - 09:00 PM	59.7	75.3	58.7
09:00 PM - 10:00 PM	59.5	73.8	58.7
10:00 PM - 11:00 PM	59.2	62.4	58.4
11:00 PM - 12:00 AM	60.1	69.6	59.2
12:00 AM - 01:00 AM	59.4	62.2	58.7
01:00 AM - 02:00 AM	60.2	81.3	58.6
02:00 AM - 03:00 AM	60.0	77.5	58.6
03:00 AM - 04:00 AM	59.6	74.2	58.9
04:00 AM - 05:00 AM	59.6	69.3	58.9
05:00 AM - 06:00 AM	60.3	79.9	58.8
06:00 AM - 07:00 AM	59.8	81.4	58.8
07:00 AM - 08:00 AM	63.0	88.6	60.4
08:00 AM - 09:00 AM	61.8	83.0	60.1
09:00 AM - 10:00 AM	61.1	65.8	59.8
10:00 AM - 11:00 AM	61.2	70.3	59.9
11:00 AM - 12:00 PM	60.8	74.0	59.4
12:00 PM - 01:00 PM	60.9	73.9	59.4
01:00 PM - 02:00 PM	61.7	67.2	60.3
02:00 PM - 03:00 PM	61.9	69.0	60.5

Leq Average 24 hrs. (dB(A)) 60.8
Lmax (dB(A)) 88.6
L90 (dB(A)) 59.2
Ldn (dB(A)) 66.5
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

Saranya C.

Saranya Chalermthamrong
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Approved by

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Supot Salamteh
Section Head

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report NumPer: 233892-bl

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Sample Number 2244225b3
Parameter Noise d.e) 24 hrs.S
Location บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ 45(0196368, 16522- 2S
Measurement Date May 25 bMay 26, 2022
Measurement by Tangtawan Natasat
Sound Level meter Zerial No. -09- - -

Time	Le) dLqASS	Lmax dLqASS	L90 dLqASS
03:00 (M b04:00 (M	61.6	-4.5	60.3
04:00 (M b05:00 (M	61.1	69.5	59.8
05:00 (M b06:00 (M	61.3	-2.3	60.0
06:00 (M b0- :00 (M	63.2	84.1	60.0
0- :00 (M b08:00 (M	62.3	-9.-	60.0
08:00 (M b09:00 (M	61.2	-9.6	59.6
09:00 (M b10:00 (M	60.-	-3.-	59.6
10:00 (M b11:00 (M	60.9	64.-	59.9
11:00 (M b12:00 AM	60.8	-1.4	59.8
12:00 AM b01:00 AM	62.1	81.1	59.2
01:00 AM b02:00 AM	59.9	6-.4	59.0
02:00 AM b03:00 AM	60.1	-5.2	59.2
03:00 AM b04:00 AM	60.3	-1.9	59.4
04:00 AM b05:00 AM	60.-	-3.2	59.9
05:00 AM b06:00 AM	60.9	--.9	60.0
06:00 AM b0- :00 AM	61.1	82.8	59.5
0- :00 AM b08:00 AM	61.4	-9.6	60.0
08:00 AM b09:00 AM	61.1	-1.1	59.-
09:00 AM b10:00 AM	60.6	--.-	59.1
10:00 AM b11:00 AM	61.2	-4.0	59.5
11:00 AM b12:00 (M	61.5	6-.8	60.1
12:00 (M b01:00 (M	61.8	6-.9	60.4
01:00 (M b02:00 (M	61.6	68.6	59.9
02:00 (M b03:00 (M	62.0	69.2	60.3

Le) Average 24 hrs. dLqASS 61.3
Lmax dLqASS 84.1
L90 dLqASS 59.8
Ldn dLqASS 6-.3

7tandard dLqASS -0 115

Reference Method : I701996bl and 1996b2

7tandard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 พ.ศ. 2540S เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Technical Management

Saranya C.

7aranya Chalermthamrong
7cientist q4S

Approved by

Supt S

7upot 7alamteh
7ection Head

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338928-1

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Sample Number 2244225-4
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date May 26 - May 27, 2022
Measurement by Sangtawan Natasat
Sound Level meter Serial No. 709777

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:00 PM - 04:00 PM	62.2	75.1	60.6
04:00 PM - 05:00 PM	61.0	74.6	59.6
05:00 PM - 06:00 PM	61.4	77.5	60.2
06:00 PM - 07:00 PM	61.6	75.5	60.5
07:00 PM - 08:00 PM	60.5	78.1	59.3
08:00 PM - 09:00 PM	62.5	80.4	59.6
09:00 PM - 10:00 PM	60.4	73.6	59.4
10:00 PM - 11:00 PM	60.7	77.9	59.7
11:00 PM - 12:00 AM	61.5	74.1	60.4
12:00 AM - 01:00 AM	59.7	63.0	58.8
01:00 AM - 02:00 AM	63.2	82.3	59.3
02:00 AM - 03:00 AM	61.3	83.4	59.3
03:00 AM - 04:00 AM	60.1	76.9	59.2
04:00 AM - 05:00 AM	60.3	72.1	59.4
05:00 AM - 06:00 AM	59.9	76.9	58.8
06:00 AM - 07:00 AM	60.5	82.9	58.4
07:00 AM - 08:00 AM	61.4	84.2	60.0
08:00 AM - 09:00 AM	61.3	70.9	60.0
09:00 AM - 10:00 AM	61.5	68.6	60.3
10:00 AM - 11:00 AM	62.0	67.6	60.6
11:00 AM - 12:00 PM	61.6	67.4	60.1
12:00 PM - 01:00 PM	61.8	72.1	60.4
01:00 PM - 02:00 PM	62.0	80.7	60.5
02:00 PM - 03:00 PM	62.0	67.9	60.7

Leq Average 24 hrs. (dB(A)) 61.4
Lmax (dB(A)) 84.2
L90 (dB(A)) 59.7
Ldn (dB(A)) 67.4
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

Technical Management

Saranya C.

Saranya Chalermthamrong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338929-1

Page 1 of 1

Sample Number 2244225-5
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date May 27 - May 28, 2022
Measurement by Sangtawan Natasat
Sound Level meter Serial No. 709777

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:00 PM - 04:00 PM	61.8	76.0	60.4
04:00 PM - 05:00 PM	62.6	82.8	61.1
05:00 PM - 06:00 PM	62.4	85.1	60.2
06:00 PM - 07:00 PM	61.2	75.9	59.9
07:00 PM - 08:00 PM	61.6	83.4	59.2
08:00 PM - 09:00 PM	60.0	79.2	58.5
09:00 PM - 10:00 PM	63.0	85.7	58.4
10:00 PM - 11:00 PM	59.1	66.3	58.1
11:00 PM - 12:00 AM	59.2	75.7	58.1
12:00 AM - 01:00 AM	58.9	81.7	57.8
01:00 AM - 02:00 AM	59.1	74.9	58.2
02:00 AM - 03:00 AM	59.7	81.3	58.5
03:00 AM - 04:00 AM	59.5	77.5	58.2
04:00 AM - 05:00 AM	59.2	68.3	58.4
05:00 AM - 06:00 AM	59.5	75.7	58.7
06:00 AM - 07:00 AM	59.3	82.6	58.1
07:00 AM - 08:00 AM	61.2	83.8	59.2
08:00 AM - 09:00 AM	59.7	70.0	58.5
09:00 AM - 10:00 AM	60.0	68.2	58.6
10:00 AM - 11:00 AM	60.5	66.2	59.3
11:00 AM - 12:00 PM	60.5	69.3	59.3
12:00 PM - 01:00 PM	60.3	65.2	59.0
01:00 PM - 02:00 PM	60.2	72.1	58.9
02:00 PM - 03:00 PM	60.5	67.5	59.3

Leq Average 24 hrs. (dB(A)) 60.5
Lmax (dB(A)) 85.7
L90 (dB(A)) 58.6
Ldn (dB(A)) 66.0
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

Saranya C.

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Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338930-1

Page 1 of 1

Sample Number 2244225-6
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date May 28 - May 29, 2022
Measurement by Sangtawan Natasat
Sound Level meter Serial No. 709777

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:00 PM - 04:00 PM	60.1	77.2	58.8
04:00 PM - 05:00 PM	60.2	68.6	59.0
05:00 PM - 06:00 PM	60.5	80.2	59.1
06:00 PM - 07:00 PM	60.5	75.8	59.4
07:00 PM - 08:00 PM	59.4	80.3	58.1
08:00 PM - 09:00 PM	59.1	79.2	57.7
09:00 PM - 10:00 PM	59.3	83.8	58.1
10:00 PM - 11:00 PM	58.9	70.2	58.0
11:00 PM - 12:00 AM	59.5	75.6	58.2
12:00 AM - 01:00 AM	58.4	71.3	57.2
01:00 AM - 02:00 AM	58.3	65.7	57.4
02:00 AM - 03:00 AM	59.0	81.9	57.4
03:00 AM - 04:00 AM	58.2	69.7	57.3
04:00 AM - 05:00 AM	58.7	64.2	57.9
05:00 AM - 06:00 AM	59.0	85.5	57.8
06:00 AM - 07:00 AM	58.3	80.6	57.3
07:00 AM - 08:00 AM	57.7	72.2	56.3
08:00 AM - 09:00 AM	57.8	68.0	56.5
09:00 AM - 10:00 AM	58.3	67.7	57.1
10:00 AM - 11:00 AM	58.4	74.7	56.8
11:00 AM - 12:00 PM	58.1	70.6	56.6
12:00 PM - 01:00 PM	57.8	67.7	56.2
01:00 PM - 02:00 PM	57.6	65.2	55.7
02:00 PM - 03:00 PM	57.9	67.2	56.0

Leq Average 24 hrs. (dB(A)) 58.9
Lmax (dB(A)) 85.5
L90 (dB(A)) 57.4
Ldn (dB(A)) 65.2
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338931-1

Page 1 of 1

Sample Number 2244225-(
Parameter Noise d.e) 24 hrs.S
Location บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ GP7 48P 0196368, 16522(2S
Measurement Date May 29 - May 30, 2022
Measurement by Tangtawan Natasat
Sound Level meter Zerial No. (09(((

Time	Le) dBAqASS	Lmax dBAqASS	L90 dBAqASS
03:00 PM - 04:00 PM	58.0	66.4	56.2
04:00 PM - 05:00 PM	56.9	80.6	54.5
05:00 PM - 06:00 PM	59.0	(4.9	58.0
06:00 PM - 07:00 PM	5(.8	68.3	56.(
07:00 PM - 08:00 PM	59.0	81.5	5(.2
08:00 PM - 09:00 PM	58.4	80.6	5(.5
09:00 PM - 10:00 PM	58.8	62.2	5(.8
10:00 PM - 11:00 PM	58.(	62.4	5(.(
11:00 PM - 12:00 AM	59.(	( 0.2	58.5
12:00 AM - 01:00 AM	58.0	80.(	56.8
01:00 AM - 02:00 AM	58.5	81.6	56.8
02:00 AM - 03:00 AM	59.1	(9.1	5(.5
03:00 AM - 04:00 AM	5(.8	62.0	5(.2
04:00 AM - 05:00 AM	5(.6	6(.9	5(.0
05:00 AM - 06:00 AM	58.5	82.5	5(.1
06:00 AM - 07:00 AM	5(.8	(9.8	56.8
07:00 AM - 08:00 AM	60.5	(0.6	59.4
08:00 AM - 09:00 AM	60.9	6(.6	59.6
09:00 AM - 10:00 AM	60.6	(0.1	59.3
10:00 AM - 11:00 AM	60.5	85.2	58.9
11:00 AM - 12:00 PM	59.8	68.4	58.3
12:00 PM - 01:00 PM	58.8	(0.0	5(.5
01:00 PM - 02:00 PM	59.5	(1.8	58.1
02:00 PM - 03:00 PM	61.3	85.2	59.0

Le) Average 24 hrs. dBAqASS 59.1
Lmax dBAqASS 85.2
L90 dBAqASS 5(.5
Ldn dBAqASS 65.0

7standard dBAqASS (0 115

Reference Method : I701996-1 and 1996-2

7standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 พ.ศ. 2540S เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Technical Management

Saranya C.

Taranya Chalermthamrong
7cientist q4S

Approved by

Supt S

Tupot Talamteh
7ection Head

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338932-1

Page 1 of 1

Sample Number 2244225-8
Parameter Noise (Leq 24 hrs.)
Location ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองเรีง 1 (GPS 48P 0194661, 1653152)
Measurement Date May 23 - May 24, 2022
Measurement by Sangta7 an Natasat
Sound Level meter Serial No. w09wv6

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	46.3	62.9	41.w
03:00 PM - 04:00 PM	4w.2	65.3	42.2
04:00 PM - 05:00 PM	4w.8	6w.1	43.0
05:00 PM - 06:00 PM	49.w	69.6	44.1
06:00 PM - 0w.00 PM	49.6	w6.4	42.5
0w.00 PM - 08:00 PM	4w.1	63.0	43.9
08:00 PM - 09:00 PM	48.w	w2.6	44.4
09:00 PM - 10:00 PM	44.3	62.8	41.9
10:00 PM - 11:00 PM	44.w	6w.3	42.3
11:00 PM - 12:00 AM	46.1	66.0	42.5
12:00 AM - 01:00 AM	42.6	62.2	40.0
01:00 AM - 02:00 AM	40.0	52.5	38.8
02:00 AM - 03:00 AM	40.3	5w.w	38.9
03:00 AM - 04:00 AM	40.3	5w.5	38.6
04:00 AM - 05:00 AM	42.1	65.9	3w.9
05:00 AM - 06:00 AM	46.3	66.1	41.4
06:00 AM - 0w.00 AM	48.8	6w.3	44.0
0w.00 AM - 08:00 AM	50.1	65.0	44.9
08:00 AM - 09:00 AM	45.4	64.1	40.3
09:00 AM - 10:00 AM	46.w	68.5	39.5
10:00 AM - 11:00 AM	45.4	61.5	38.4
11:00 AM - 12:00 PM	54.9	84.5	40.5
12:00 PM - 01:00 PM	44.5	63.8	39.2
01:00 PM - 02:00 PM	45.5	68.1	38.4

Leq Average 24 hrs. (dB(A)) 4w.5
Lmax (dB(A)) 84.5
L90 (dB(A)) 41.4
Ldn (dB(A)) 51.8
Standard (dB(A)) w0 115

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

Saranya C.

Saranya Chalermthamrong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338933-1

Page 1 of 1

Sample Number 2244225-9
Parameter Noise (Leq 24 hrs.)
Location ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองเรีง 1 (GPS 48P 0194661, 1653152)
Measurement Date May 24 - May 25, 2022
Measurement by Sangta7 an Natasat
Sound Level meter Serial No. w09ww6

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	55.6	88.8	49.3
03:00 PM - 04:00 PM	45.w	66.0	42.w
04:00 PM - 05:00 PM	49.1	65.5	44.3
05:00 PM - 06:00 PM	49.8	69.1	46.1
06:00 PM - 0w:00 PM	49.8	w1.0	44.4
0w:00 PM - 08:00 PM	48.0	64.3	44.6
08:00 PM - 09:00 PM	4w6	w0.9	43.w
09:00 PM - 10:00 PM	45.3	6w0	42.0
10:00 PM - 11:00 PM	43.6	64.6	41.5
11:00 PM - 12:00 AM	42.9	61.1	41.0
12:00 AM - 01:00 AM	43.w	61.2	40.6
01:00 AM - 02:00 AM	40.5	52.6	39.1
02:00 AM - 03:00 AM	39.9	55.w	38.6
03:00 AM - 04:00 AM	39.3	51.0	3w.w
04:00 AM - 05:00 AM	41.2	56.w	39.4
05:00 AM - 06:00 AM	45.9	w1.6	41.8
06:00 AM - 0w:00 AM	49.2	65.5	44.2
0w:00 AM - 08:00 AM	50.1	6w0	44.2
08:00 AM - 09:00 AM	46.4	65.6	41.0
09:00 AM - 10:00 AM	4w3	65.5	40.3
10:00 AM - 11:00 AM	48.2	w2.8	41.2
11:00 AM - 12:00 PM	42.6	59.3	3w4
12:00 PM - 01:00 PM	45.2	60.3	39.5
01:00 PM - 02:00 PM	4w3	w8.8	40.6

Leq Average 24 hrs. (dB(A)) 4ww
Lmax (dB(A)) 88.8
L90 (dB(A)) 41.2
Ldn (dB(A)) 51.w
Standard (dB(A)) w0 115

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

Saranya C.

Saranya Chalermthamrong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338934-1

Page 1 of 1

Sample Number 2244225-10
Parameter Noise (Leq 24 hrs.)
Location ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองเรีง 1 (GPS 48P 0194661, 1653152)
Measurement Date May 25 - May 26, 2022
Measurement by Sangta7 an Natasat
Sound Level meter Serial No. w09wv6

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	46.9	66.w	41.5
03:00 PM - 04:00 PM	4w4	w2.0	41.2
04:00 PM - 05:00 PM	4w0	69.1	41.4
05:00 PM - 06:00 PM	51.0	84.0	42.8
06:00 PM - 0w:00 PM	49.8	w8.5	42.9
0w:00 PM - 08:00 PM	48.4	66.8	44.6
08:00 PM - 09:00 PM	48.5	68.6	44.1
09:00 PM - 10:00 PM	45.6	6w4	42.5
10:00 PM - 11:00 PM	45.3	65.2	41.5
11:00 PM - 12:00 AM	42.8	61.w	41.2
12:00 AM - 01:00 AM	42.9	59.0	40.3
01:00 AM - 02:00 AM	41.1	59.8	39.1
02:00 AM - 03:00 AM	40.9	62.0	39.2
03:00 AM - 04:00 AM	40.1	54.4	38.w
04:00 AM - 05:00 AM	41.4	54.1	40.0
05:00 AM - 06:00 AM	46.0	69.1	41.1
06:00 AM - 0w:00 AM	49.0	69.9	43.6
0w:00 AM - 08:00 AM	50.6	69.8	44.5
08:00 AM - 09:00 AM	51.2	w0.8	42.0
09:00 AM - 10:00 AM	49.1	w0.0	43.1
10:00 AM - 11:00 AM	48.6	w0.3	40.w
11:00 AM - 12:00 PM	50.6	80.6	41.6
12:00 PM - 01:00 PM	50.6	w8.w	42.w
01:00 PM - 02:00 PM	50.2	wv5	40.8

Leq Average 24 hrs. (dB(A)) 48.0
Lmax (dB(A)) 84.0
L90 (dB(A)) 41.5
Ldn (dB(A)) 51.9
Standard (dB(A)) w0 115

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

Saranya C.

Saranya Chalermthamrong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338935-1

Page 1 of 1

Sample Number 2244225-11
Parameter Noise (Leq 24 hrs.)
Location ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองเรีง 1 (GPS 48P 0194661, 1653152)
Measurement Date May 26 - May 27, 2022
Measurement by Sangtawan Natasat
Sound Level meter Serial No. 709776

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	45.8	66.0	39.9
03:00 PM - 04:00 PM	45.5	70.6	39.9
04:00 PM - 05:00 PM	45.5	62.8	40.6
05:00 PM - 06:00 PM	47.9	65.7	42.5
06:00 PM - 07:00 PM	48.5	71.7	41.5
07:00 PM - 08:00 PM	46.8	63.3	43.0
08:00 PM - 09:00 PM	47.3	71.5	43.6
09:00 PM - 10:00 PM	45.3	62.2	42.6
10:00 PM - 11:00 PM	44.3	64.1	41.5
11:00 PM - 12:00 AM	43.7	62.5	41.2
12:00 AM - 01:00 AM	41.9	58.4	39.6
01:00 AM - 02:00 AM	42.2	60.8	39.5
02:00 AM - 03:00 AM	40.8	56.7	39.1
03:00 AM - 04:00 AM	40.9	57.0	38.9
04:00 AM - 05:00 AM	42.5	56.2	39.9
05:00 AM - 06:00 AM	46.3	73.3	41.2
06:00 AM - 07:00 AM	48.5	65.4	43.7
07:00 AM - 08:00 AM	50.1	70.9	44.3
08:00 AM - 09:00 AM	46.7	64.1	41.9
09:00 AM - 10:00 AM	46.4	63.2	41.7
10:00 AM - 11:00 AM	47.7	66.0	43.1
11:00 AM - 12:00 PM	46.8	64.4	42.0
12:00 PM - 01:00 PM	47.0	67.2	42.2
01:00 PM - 02:00 PM	48.1	72.6	42.0

Leq Average 24 hrs. (dB(A)) 46.3
Lmax (dB(A)) 73.3
L90 (dB(A)) 41.5
Ldn (dB(A)) 51.2
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

Saranya C.

Saranya Chalermthamrong
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Approved by

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Supot Salamteh
Section Head

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338936-1

Page 1 of 1

Sample Number 2244225-12
Parameter Noise (Leq 24 hrs.)
Location ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเรียง 1 (GPS 48P 0194661, 1653152)
Measurement Date May 27 - May 28, 2022
Measurement by Sangtawan Natasat
Sound Level meter Serial No. 709776

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	46.1	60.2	41.6
03:00 PM - 04:00 PM	47.3	66.1	42.1
04:00 PM - 05:00 PM	51.4	68.5	46.9
05:00 PM - 06:00 PM	50.4	71.5	44.9
06:00 PM - 07:00 PM	49.1	66.4	43.5
07:00 PM - 08:00 PM	47.3	64.0	42.8
08:00 PM - 09:00 PM	47.9	69.8	44.0
09:00 PM - 10:00 PM	45.8	67.1	42.4
10:00 PM - 11:00 PM	44.2	64.3	41.1
11:00 PM - 12:00 AM	42.8	60.6	40.5
12:00 AM - 01:00 AM	41.3	59.7	38.9
01:00 AM - 02:00 AM	42.1	64.1	39.4
02:00 AM - 03:00 AM	40.5	52.6	39.1
03:00 AM - 04:00 AM	40.3	50.4	39.2
04:00 AM - 05:00 AM	43.1	67.2	39.6
05:00 AM - 06:00 AM	43.1	59.9	40.0
06:00 AM - 07:00 AM	46.8	65.7	42.4
07:00 AM - 08:00 AM	49.3	67.6	42.7
08:00 AM - 09:00 AM	46.9	80.3	39.9
09:00 AM - 10:00 AM	48.6	68.8	41.3
10:00 AM - 11:00 AM	47.3	63.2	42.7
11:00 AM - 12:00 PM	45.0	61.9	40.4
12:00 PM - 01:00 PM	45.3	66.9	40.2
01:00 PM - 02:00 PM	46.4	65.4	40.5

Leq Average 24 hrs. (dB(A)) 46.7
Lmax (dB(A)) 80.3
L90 (dB(A)) 41.1
Ldn (dB(A)) 50.7
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

Saranya C.

Saranya Chalermthamrong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225
Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report NumPer: 233893-bl

(age 1 of 1)

Sample Number 2244225bl3
Parameter Noise dLe) 24 hrs.S
Location ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเวียง 1 ต. (7 48(0194661, 1653152S
Measurement Date May 28 bMay 29, 2022
Measurement by Tangtawan Natasat
Sound Level meter Zerial No. -09--6

Time	Le) dLqASS	Lmax dLqASS	L90 dLqASS
02:00 (M b03:00 (M	46.1	63.1	41.0
03:00 (M b04:00 (M	44.9	64.4	39.6
04:00 (M b05:00 (M	4-.3	6-.6	41.0
05:00 (M b06:00 (M	48.8	-2.3	43.1
06:00 (M b0-:00 (M	48.5	68.0	41.5
0-:00 (M b08:00 (M	4-.9	66.3	43.5
08:00 (M b09:00 (M	48.0	6-.6	44.2
09:00 (M b10:00 (M	49.0	65.5	4-.1
10:00 (M b11:00 (M	44.4	5-.-	42.4
11:00 (M b12:00 AM	44.2	62.5	42.1
12:00 AM b01:00 AM	44.4	65.6	41.8
01:00 AM b02:00 AM	44.-	68.5	41.-
02:00 AM b03:00 AM	41.4	52.1	40.1
03:00 AM b04:00 AM	41.4	59.0	39.6
04:00 AM b05:00 AM	40.5	53.1	39.1
05:00 AM b06:00 AM	43.5	65.4	39.6
06:00 AM b0-:00 AM	45.1	64.3	40.0
0-:00 AM b08:00 AM	45.0	65.-	38.8
08:00 AM b09:00 AM	43.9	62.2	38.9
09:00 AM b10:00 AM	4-.2	85.8	38.9
10:00 AM b11:00 AM	48.9	-0.5	40.2
11:00 AM b12:00 (M	48.6	62.1	42.-
12:00 (M b01:00 (M	46.4	-3.2	39.1
01:00 (M b02:00 (M	45.-	64.6	39.0

Le) Average 24 hrs. dLqASS 46.3
Lmax dLqASS 85.8
L90 dLqASS 40.2
Ldn dLqASS 50.8

7tandard dLqASS -0 115

Reference Method : I701996bl and 1996b2

7tandard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 พ.ศ. 2540S เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Technical Management

Saranya C.

7aranya Chalermthamrong
7cientist q4S

Approved by

Supt S

7upot 7alamteh
7ection Head

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338938-1

Page 1 of 1

Sample Number 2244225-14
Parameter Noise (Leq 24 hrs.)
Location ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองเรีง 1 (GPS 48P 0194661, 1653152)
Measurement Date May 29 - May 30, 2022
Measurement by Sangta7 an Natasat
Sound Level meter Serial No. w09wv6

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	46.5	63.0	38.8
03:00 PM - 04:00 PM	43.9	63.1	39.2
04:00 PM - 05:00 PM	49.9	65.0	40.2
05:00 PM - 06:00 PM	4w3	66.2	40.w
06:00 PM - 0w:00 PM	49.5	69.4	42.1
0w:00 PM - 08:00 PM	4w6	w0.3	41.w
08:00 PM - 09:00 PM	46.4	65.4	41.8
09:00 PM - 10:00 PM	44.1	60.3	41.5
10:00 PM - 11:00 PM	43.3	64.w	41.0
11:00 PM - 12:00 AM	43.9	64.w	40.9
12:00 AM - 01:00 AM	44.9	w0.5	40.0
01:00 AM - 02:00 AM	40.8	69.2	38.9
02:00 AM - 03:00 AM	42.9	58.3	41.w
03:00 AM - 04:00 AM	41.0	55.4	39.8
04:00 AM - 05:00 AM	39.w	52.5	38.0
05:00 AM - 06:00 AM	44.4	w0.w	39.8
06:00 AM - 0w:00 AM	48.5	81.0	42.5
0w:00 AM - 08:00 AM	49.2	6w5	43.2
08:00 AM - 09:00 AM	45.w	6w4	39.w
09:00 AM - 10:00 AM	46.3	63.3	39.0
10:00 AM - 11:00 AM	45.0	6w8	3w.w
11:00 AM - 12:00 PM	44.3	63.9	35.2
12:00 PM - 01:00 PM	45.1	w.w.w	3w.0
01:00 PM - 02:00 PM	45.8	w0.w	40.2

Leq Average 24 hrs. (dB(A)) 46.0
Lmax (dB(A)) 81.0
L90 (dB(A)) 40.0
Ldn (dB(A)) 51.0
Standard (dB(A)) w0 115

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

Saranya C.

Saranya Chalermthamrong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338939-1

Page 1 of 1

Sample Number 2244225-15
Parameter Noise (Leq 24 hrs.)
Location ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date May 23 - May 24, 2022
Measurement by Sangta7 an Natasat
Sound Level meter Serial No. 4v2124

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	5w.w	w8.5	52.5
03:00 PM - 04:00 PM	58.6	8w.4	53.3
04:00 PM - 05:00 PM	59.8	w4.5	55.1
05:00 PM - 06:00 PM	61.0	w8.3	56.1
06:00 PM - 0w.00 PM	61.w	w6.2	56.5
0w.00 PM - 08:00 PM	63.5	81.3	60.3
08:00 PM - 09:00 PM	59.w	w9.w	53.w
09:00 PM - 10:00 PM	56.6	84.6	50.4
10:00 PM - 11:00 PM	53.8	w8.5	49.8
11:00 PM - 12:00 AM	52.4	68.0	49.3
12:00 AM - 01:00 AM	56.8	83.2	49.w
01:00 AM - 02:00 AM	58.0	68.3	56.w
02:00 AM - 03:00 AM	5w.w	85.8	54.6
03:00 AM - 04:00 AM	53.1	80.2	48.9
04:00 AM - 05:00 AM	54.2	w5.5	48.9
05:00 AM - 06:00 AM	58.3	w8.6	52.8
06:00 AM - 0w.00 AM	62.8	91.8	5w.9
0w.00 AM - 08:00 AM	64.9	85.6	60.5
08:00 AM - 09:00 AM	60.5	80.5	54.4
09:00 AM - 10:00 AM	59.1	w8.2	56.4
10:00 AM - 11:00 AM	59.6	80.4	56.5
11:00 AM - 12:00 PM	59.9	83.5	56.5
12:00 PM - 01:00 PM	58.6	w5.8	56.0
01:00 PM - 02:00 PM	59.0	w4.4	55.9

Leq Average 24 hrs. (dB(A)) 59.w
Lmax (dB(A)) 91.8
L90 (dB(A)) 54.6
Ldn (dB(A)) 64.6
Standard (dB(A)) w0 115

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

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Supot Salamteh
Section Head

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338940-1

Page 1 of 1

Sample Number 2244225-16
Parameter Noise (Leq 24 hrs.)
Location ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date May 24 - May 25, 2022
Measurement by Sangta7 an Natasat
Sound Level meter Serial No. 4v2124

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	62.w	94.8	59.3
03:00 PM - 04:00 PM	61.1	w8.2	58.w
04:00 PM - 05:00 PM	62.3	w9.w	59.3
05:00 PM - 06:00 PM	62.9	w5.9	60.0
06:00 PM - 0w:00 PM	63.3	81.6	59.8
0w:00 PM - 08:00 PM	62.w	81.w	58.6
08:00 PM - 09:00 PM	60.6	84.1	54.3
09:00 PM - 10:00 PM	56.9	86.2	51.9
10:00 PM - 11:00 PM	56.3	80.9	50.6
11:00 PM - 12:00 AM	53.9	w9.6	50.0
12:00 AM - 01:00 AM	53.1	w0.2	50.1
01:00 AM - 02:00 AM	52.4	w0.4	49.4
02:00 AM - 03:00 AM	54.4	81.0	49.8
03:00 AM - 04:00 AM	52.3	w2.2	49.w
04:00 AM - 05:00 AM	54.2	w5.1	50.1
05:00 AM - 06:00 AM	58.3	w8.5	52.w
06:00 AM - 0w:00 AM	61.9	81.8	5w.5
0w:00 AM - 08:00 AM	65.0	80.9	61.1
08:00 AM - 09:00 AM	61.9	85.8	58.1
09:00 AM - 10:00 AM	58.3	w8.4	52.9
10:00 AM - 11:00 AM	5w.4	w4.2	52.2
11:00 AM - 12:00 PM	5w.4	w4.w	52.0
12:00 PM - 01:00 PM	5w.2	w6.8	51.6
01:00 PM - 02:00 PM	5w.3	80.8	51.9

Leq Average 24 hrs. (dB(A)) 60.0
Lmax (dB(A)) 94.8
L90 (dB(A)) 52.2
Ldn (dB(A)) 64.0
Standard (dB(A)) w0 115

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

Saranya C.

Saranya Chalermthamrong
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Supot Salamteh
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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338941-1

Page 1 of 1

Sample Number 2244225-1(
Parameter Noise d.e) 24 hrs.S
Location ชุมชนในเขตอุตสาหกรรมสุรนารี หมู่ที่ 6 ตำบลหนองระเวียง SGP7 48P 0196392, 1651555S
Measurement Date May 25 - May 26, 2022
Measurement by Tangtawan Natasat
Sound Level meter Zerial No. 4(2124

Time	Le) dBAqASS	Lmax dBAqASS	L90 dBAqASS
02:00 PM - 03:00 PM	5(.0	(4.3	52.8
03:00 PM - 04:00 PM	58.5	(8.(	53.(
04:00 PM - 05:00 PM	60.5	84.2	54.(
05:00 PM - 06:00 PM	60.(	81.8	56.3
06:00 PM - 07:00 PM	63.0	85.1	56.6
07:00 PM - 08:00 PM	65.8	(6.9	60.(
08:00 PM - 09:00 PM	61.4	82.6	5(.1
09:00 PM - 10:00 PM	64.6	(6.6	58.1
10:00 PM - 11:00 PM	5(.8	84.3	51.1
11:00 PM - 12:00 AM	53.9	((.4	50.6
12:00 AM - 01:00 AM	56.5	83.3	51.0
01:00 AM - 02:00 AM	52.2	(9.2	50.1
02:00 AM - 03:00 AM	54.0	(6.3	50.8
03:00 AM - 04:00 AM	53.3	(2.3	50.5
04:00 AM - 05:00 AM	55.(	(6.8	50.4
05:00 AM - 06:00 AM	58.9	((.0	53.4
06:00 AM - 07:00 AM	61.(	(9.3	58.0
07:00 AM - 08:00 AM	64.9	82.4	61.9
08:00 AM - 09:00 AM	62.1	82.4	59.5
09:00 AM - 10:00 AM	60.2	(6.5	5(.3
10:00 AM - 11:00 AM	59.(	(5.6	5(.2
11:00 AM - 12:00 PM	61.1	(5.4	58.4
12:00 PM - 01:00 PM	61.0	80.8	58.1
01:00 PM - 02:00 PM	60.2	83.3	58.0

Le) Average 24 hrs. dBAqASS

60.(

Lmax dBAqASS

85.1

L90 dBAqASS

56.3

Ldn dBAqASS

64.6

7standard dBAqASS

(0

115

Reference Method : I701996-1 and 1996-2

7standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 พ.ศ. 2540S เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Technical Management

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Scientist qAS

Approved by

Supt S.

Tupot Talamteh
Section Head

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338942-1

Page 1 of 1

Sample Number 2244225-18
Parameter Noise (Leq 24 hrs.)
Location ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date May 26 - May 27, 2022
Measurement by Sangtawan Natasat
Sound Level meter Serial No. 472124

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	60.0	74.3	57.8
03:00 PM - 04:00 PM	60.5	80.5	57.5
04:00 PM - 05:00 PM	61.3	77.9	58.5
05:00 PM - 06:00 PM	62.0	86.1	59.6
06:00 PM - 07:00 PM	62.5	83.2	57.8
07:00 PM - 08:00 PM	64.7	83.2	59.4
08:00 PM - 09:00 PM	60.9	81.5	54.8
09:00 PM - 10:00 PM	56.2	78.2	51.7
10:00 PM - 11:00 PM	56.6	82.3	51.5
11:00 PM - 12:00 AM	54.5	84.3	51.0
12:00 AM - 01:00 AM	54.6	84.9	51.1
01:00 AM - 02:00 AM	55.4	84.4	50.2
02:00 AM - 03:00 AM	53.0	69.8	50.4
03:00 AM - 04:00 AM	54.0	75.2	50.4
04:00 AM - 05:00 AM	56.3	83.1	51.5
05:00 AM - 06:00 AM	58.3	82.3	52.7
06:00 AM - 07:00 AM	61.7	77.2	57.5
07:00 AM - 08:00 AM	65.2	82.3	62.3
08:00 AM - 09:00 AM	63.1	80.7	60.7
09:00 AM - 10:00 AM	61.9	79.9	59.5
10:00 AM - 11:00 AM	61.3	75.7	59.2
11:00 AM - 12:00 PM	60.8	75.1	58.3
12:00 PM - 01:00 PM	59.9	73.8	57.6
01:00 PM - 02:00 PM	60.4	75.0	58.3

Leq Average 24 hrs. (dB(A)) 60.6
Lmax (dB(A)) 86.1
L90 (dB(A)) 57.5
Ldn (dB(A)) 64.4
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

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Approved by

Supot S.

Supot Salamteh
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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338943-1

Page 1 of 1

Sample Number 2244225-19
Parameter Noise (Leq 24 hrs.)
Location ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date May 27 - May 28, 2022
Measurement by Sangtawan Natasat
Sound Level meter Serial No. 472124

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	61.0	74.1	58.6
03:00 PM - 04:00 PM	60.9	74.1	58.1
04:00 PM - 05:00 PM	62.1	84.4	56.6
05:00 PM - 06:00 PM	62.1	85.7	57.2
06:00 PM - 07:00 PM	61.7	78.5	56.2
07:00 PM - 08:00 PM	65.3	83.4	60.9
08:00 PM - 09:00 PM	60.8	79.2	55.3
09:00 PM - 10:00 PM	57.2	79.7	50.9
10:00 PM - 11:00 PM	56.9	82.0	49.9
11:00 PM - 12:00 AM	55.5	85.8	50.2
12:00 AM - 01:00 AM	56.0	80.3	49.9
01:00 AM - 02:00 AM	51.2	69.8	48.9
02:00 AM - 03:00 AM	53.4	71.9	50.0
03:00 AM - 04:00 AM	52.4	72.2	49.3
04:00 AM - 05:00 AM	55.8	74.6	50.0
05:00 AM - 06:00 AM	57.5	75.9	51.2
06:00 AM - 07:00 AM	60.2	79.0	54.6
07:00 AM - 08:00 AM	64.0	79.7	60.7
08:00 AM - 09:00 AM	61.5	79.1	59.2
09:00 AM - 10:00 AM	61.2	78.8	59.3
10:00 AM - 11:00 AM	60.3	72.8	58.0
11:00 AM - 12:00 PM	57.3	78.8	51.8
12:00 PM - 01:00 PM	57.2	78.4	50.9
01:00 PM - 02:00 PM	55.7	76.4	50.6

Leq Average 24 hrs. (dB(A)) 60.0
Lmax (dB(A)) 85.8
L90 (dB(A)) 51.8
Ldn (dB(A)) 63.8
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225
Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338944-1

Page 1 of 1

Sample Number 2244225-20
Parameter Noise (Leq 24 hrs.)
Location ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date May 28 - May 29, 2022
Measurement by Sangta7 an Natasat
Sound Level meter Serial No. 4v2124

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	56.5	w4.3	51.8
03:00 PM - 04:00 PM	56.3	w4.4	50.9
04:00 PM - 05:00 PM	58.0	w4.4	53.4
05:00 PM - 06:00 PM	60.5	80.3	55.2
06:00 PM - 07:00 PM	60.3	80.3	54.4
07:00 PM - 08:00 PM	60.3	80.4	54.3
08:00 PM - 09:00 PM	58.3	80.0	52.0
09:00 PM - 10:00 PM	62.4	w9.4	61.0
10:00 PM - 11:00 PM	61.6	w5.3	60.2
11:00 PM - 12:00 AM	52.0	w2.6	4w0
12:00 AM - 01:00 AM	50.6	w4.9	46.9
01:00 AM - 02:00 AM	54.4	w8.0	4w4
02:00 AM - 03:00 AM	50.3	w2.5	4w1
03:00 AM - 04:00 AM	51.3	w5.1	46.8
04:00 AM - 05:00 AM	51.2	w4.1	4w2
05:00 AM - 06:00 AM	55.4	w6.3	49.0
06:00 AM - 07:00 AM	5w8	83.2	51.0
07:00 AM - 08:00 AM	59.4	w9.3	52.3
08:00 AM - 09:00 AM	58.8	w8.2	51.8
09:00 AM - 10:00 AM	56.2	w4.6	49.9
10:00 AM - 11:00 AM	5w4	89.5	50.3
11:00 AM - 12:00 PM	56.6	w9.8	49.9
12:00 PM - 01:00 PM	56.w	w4.w	50.w
01:00 PM - 02:00 PM	55.4	w0.8	49.w

Leq Average 24 hrs. (dB(A)) 5w8
Lmax (dB(A)) 89.5
L90 (dB(A)) 50.w
Ldn (dB(A)) 62.w
Standard (dB(A)) w0

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

Saranya C.

Saranya Chalermthamrong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244225

Date Received : May 31, 2022
Date Reported : Jun 09, 2022
Report Number: 2338945-1

Page 1 of 1

Sample Number 2244225-21
Parameter Noise (Leq 24 hrs.)
Location ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date May 29 - May 30, 2022
Measurement by Sangta7 an Natasat
Sound Level meter Serial No. 4v2124

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	5w0	wv.w	50.3
03:00 PM - 04:00 PM	55.5	v2.3	50.0
04:00 PM - 05:00 PM	55.9	v4.0	50.5
05:00 PM - 06:00 PM	5w4	v4.8	51.5
06:00 PM - 0w:00 PM	5w.w	v6.8	52.2
0w:00 PM - 08:00 PM	56.w	v2.w	51.4
08:00 PM - 09:00 PM	56.6	v8.8	49.5
09:00 PM - 10:00 PM	52.8	v8.4	4w9
10:00 PM - 11:00 PM	52.8	wv.9	46.9
11:00 PM - 12:00 AM	55.5	8w.1	45.4
12:00 AM - 01:00 AM	54.0	v0.2	44.w
01:00 AM - 02:00 AM	4w.5	v2.2	43.5
02:00 AM - 03:00 AM	46.8	68.4	43.4
03:00 AM - 04:00 AM	4w.3	v8.0	42.w
04:00 AM - 05:00 AM	48.3	68.1	42.5
05:00 AM - 06:00 AM	56.w	v4.w	50.2
06:00 AM - 0w:00 AM	61.0	80.0	56.3
0w:00 AM - 08:00 AM	66.1	v8.9	61.6
08:00 AM - 09:00 AM	61.4	80.9	55.8
09:00 AM - 10:00 AM	5w.w	86.3	52.1
10:00 AM - 11:00 AM	58.0	v6.8	53.3
11:00 AM - 12:00 PM	5w.9	80.9	52.0
12:00 PM - 01:00 PM	5w.2	v0.w	51.6
01:00 PM - 02:00 PM	59.8	8w.5	52.9

Leq Average 24 hrs. (dB(A)) 58.0
Lmax (dB(A)) 8w.5
L90 (dB(A)) 50.3
Ldn (dB(A)) 62.2
Standard (dB(A)) w0 115

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

Saranya C.

Saranya Chalermthamrong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331474-1

Page 1 of 3

Sample Number : 2244227-1
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 23 - May 24, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 23, 2022 Time	Leq dB(A)	L90 dB(A)	May 23, 2022 Time	Leq dB(A)	L90 dB(A)	May 23, 2022 Time	Leq dB(A)	L90 dB(A)
03:00 PM - 03:05 PM	60.2	58.9	05:40 PM - 05:45 PM	60.5	59.4	08:20 PM - 08:25 PM	61.5	59.6
03:05 PM - 03:10 PM	60.8	59.4	05:45 PM - 05:50 PM	60.9	59.7	08:25 PM - 08:30 PM	60.6	59.7
03:10 PM - 03:15 PM	60.9	59.4	05:50 PM - 05:55 PM	61.2	60.0	08:30 PM - 08:35 PM	61.9	60.1
03:15 PM - 03:20 PM	63.3	60.3	05:55 PM - 06:00 PM	60.9	59.8	08:35 PM - 08:40 PM	62.2	60.0
03:20 PM - 03:25 PM	61.3	60.1	06:00 PM - 06:05 PM	61.1	59.9	08:40 PM - 08:45 PM	61.4	60.0
03:25 PM - 03:30 PM	61.5	60.2	06:05 PM - 06:10 PM	61.4	60.1	08:45 PM - 08:50 PM	62.1	60.0
03:30 PM - 03:35 PM	61.6	60.3	06:10 PM - 06:15 PM	61.0	59.6	08:50 PM - 08:55 PM	61.1	59.8
03:35 PM - 03:40 PM	61.4	60.2	06:15 PM - 06:20 PM	60.8	59.6	08:55 PM - 09:00 PM	60.3	59.4
03:40 PM - 03:45 PM	62.0	60.9	06:20 PM - 06:25 PM	60.8	59.3	09:00 PM - 09:05 PM	60.3	59.3
03:45 PM - 03:50 PM	62.0	60.9	06:25 PM - 06:30 PM	60.7	59.7	09:05 PM - 09:10 PM	60.3	59.4
03:50 PM - 03:55 PM	62.1	60.9	06:30 PM - 06:35 PM	61.0	59.8	09:10 PM - 09:15 PM	60.1	59.2
03:55 PM - 04:00 PM	61.5	60.3	06:35 PM - 06:40 PM	61.0	59.6	09:15 PM - 09:20 PM	60.3	59.3
04:00 PM - 04:05 PM	60.8	59.5	06:40 PM - 06:45 PM	61.6	60.3	09:20 PM - 09:25 PM	61.2	58.9
04:05 PM - 04:10 PM	60.3	59.1	06:45 PM - 06:50 PM	61.7	60.2	09:25 PM - 09:30 PM	60.3	59.0
04:10 PM - 04:15 PM	59.9	58.9	06:50 PM - 06:55 PM	61.0	59.9	09:30 PM - 09:35 PM	59.8	59.0
04:15 PM - 04:20 PM	60.8	58.7	06:55 PM - 07:00 PM	62.1	59.5	09:35 PM - 09:40 PM	59.4	58.5
04:20 PM - 04:25 PM	59.9	58.9	07:00 PM - 07:05 PM	59.6	58.9	09:40 PM - 09:45 PM	59.6	58.7
04:25 PM - 04:30 PM	60.0	58.8	07:05 PM - 07:10 PM	59.6	58.9	09:45 PM - 09:50 PM	59.2	58.3
04:30 PM - 04:35 PM	59.6	58.3	07:10 PM - 07:15 PM	59.4	58.8	09:50 PM - 09:55 PM	59.1	58.3
04:35 PM - 04:40 PM	59.6	58.5	07:15 PM - 07:20 PM	59.9	59.1	09:55 PM - 10:00 PM	59.3	58.3
04:40 PM - 04:45 PM	59.9	58.5	07:20 PM - 07:25 PM	59.8	58.9	10:00 PM - 10:05 PM	59.4	58.4
04:45 PM - 04:50 PM	60.9	59.4	07:25 PM - 07:30 PM	61.3	59.1	10:05 PM - 10:10 PM	59.4	58.5
04:50 PM - 04:55 PM	60.8	58.7	07:30 PM - 07:35 PM	60.3	58.7	10:10 PM - 10:15 PM	59.5	58.6
04:55 PM - 05:00 PM	59.8	58.6	07:35 PM - 07:40 PM	60.5	58.8	10:15 PM - 10:20 PM	59.8	58.5
05:00 PM - 05:05 PM	61.3	59.6	07:40 PM - 07:45 PM	61.6	59.0	10:20 PM - 10:25 PM	60.3	58.6
05:05 PM - 05:10 PM	60.6	59.5	07:45 PM - 07:50 PM	61.4	59.5	10:25 PM - 10:30 PM	61.9	58.8
05:10 PM - 05:15 PM	60.9	59.5	07:50 PM - 07:55 PM	62.0	59.3	10:30 PM - 10:35 PM	66.2	58.9
05:15 PM - 05:20 PM	60.5	59.5	07:55 PM - 08:00 PM	61.4	59.5	10:35 PM - 10:40 PM	59.4	58.3
05:20 PM - 05:25 PM	61.2	60.0	08:00 PM - 08:05 PM	61.3	59.0	10:40 PM - 10:45 PM	62.1	58.3
05:25 PM - 05:30 PM	60.5	59.1	08:05 PM - 08:10 PM	60.8	59.1	10:45 PM - 10:50 PM	63.8	58.2
05:30 PM - 05:35 PM	60.9	59.9	08:10 PM - 08:15 PM	61.0	59.1	10:50 PM - 10:55 PM	59.0	58.1
05:35 PM - 05:40 PM	60.6	59.5	08:15 PM - 08:20 PM	60.8	59.4	10:55 PM - 11:00 PM	59.3	58.4

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331474-1

Page 2 of 3

Sample Number : 2244227-1
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 23 - May 24, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 23 - May 24, 2022	Leq	L90	May 24, 2022	Leq	L90	May 24, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
11:00 PM - 11:05 PM	59.6	58.6	01:40 AM - 01:45 AM	58.0	57.2	04:20 AM - 04:25 AM	59.1	57.8
11:05 PM - 11:10 PM	59.0	58.1	01:45 AM - 01:50 AM	58.3	57.4	04:25 AM - 04:30 AM	58.3	57.1
11:10 PM - 11:15 PM	59.0	58.1	01:50 AM - 01:55 AM	58.4	57.3	04:30 AM - 04:35 AM	58.2	57.1
11:15 PM - 11:20 PM	59.2	58.2	01:55 AM - 02:00 AM	58.1	57.3	04:35 AM - 04:40 AM	58.9	57.7
11:20 PM - 11:25 PM	59.4	58.1	02:00 AM - 02:05 AM	58.3	57.4	04:40 AM - 04:45 AM	58.6	58.0
11:25 PM - 11:30 PM	59.3	58.2	02:05 AM - 02:10 AM	58.7	57.5	04:45 AM - 04:50 AM	58.5	57.8
11:30 PM - 11:35 PM	59.5	58.3	02:10 AM - 02:15 AM	58.5	57.5	04:50 AM - 04:55 AM	59.5	58.2
11:35 PM - 11:40 PM	60.0	58.3	02:15 AM - 02:20 AM	58.2	57.4	04:55 AM - 05:00 AM	58.6	57.9
11:40 PM - 11:45 PM	60.9	59.9	02:20 AM - 02:25 AM	58.4	57.5	05:00 AM - 05:05 AM	58.4	57.6
11:45 PM - 11:50 PM	60.6	59.6	02:25 AM - 02:30 AM	58.4	57.4	05:05 AM - 05:10 AM	58.9	58.1
11:50 PM - 11:55 PM	59.7	58.8	02:30 AM - 02:35 AM	59.5	57.5	05:10 AM - 05:15 AM	58.8	57.7
11:55 PM - 12:00 AM	59.2	58.3	02:35 AM - 02:40 AM	58.6	57.9	05:15 AM - 05:20 AM	59.0	58.2
12:00 AM - 12:05 AM	59.3	58.5	02:40 AM - 02:45 AM	58.6	57.8	05:20 AM - 05:25 AM	58.6	57.4
12:05 AM - 12:10 AM	59.0	58.0	02:45 AM - 02:50 AM	59.0	58.2	05:25 AM - 05:30 AM	58.6	57.7
12:10 AM - 12:15 AM	58.7	57.7	02:50 AM - 02:55 AM	58.6	57.6	05:30 AM - 05:35 AM	58.1	57.2
12:15 AM - 12:20 AM	59.0	57.5	02:55 AM - 03:00 AM	58.3	57.4	05:35 AM - 05:40 AM	59.0	57.2
12:20 AM - 12:25 AM	58.9	58.0	03:00 AM - 03:05 AM	58.3	57.5	05:40 AM - 05:45 AM	58.0	57.2
12:25 AM - 12:30 AM	58.8	57.6	03:05 AM - 03:10 AM	58.6	57.8	05:45 AM - 05:50 AM	58.7	57.8
12:30 AM - 12:35 AM	58.7	57.8	03:10 AM - 03:15 AM	58.6	57.8	05:50 AM - 05:55 AM	62.5	58.1
12:35 AM - 12:40 AM	58.5	57.7	03:15 AM - 03:20 AM	58.3	57.3	05:55 AM - 06:00 AM	59.7	57.8
12:40 AM - 12:45 AM	58.1	57.1	03:20 AM - 03:25 AM	58.2	57.4	06:00 AM - 06:05 AM	58.8	57.9
12:45 AM - 12:50 AM	58.2	57.3	03:25 AM - 03:30 AM	58.1	57.2	06:05 AM - 06:10 AM	59.6	58.2
12:50 AM - 12:55 AM	58.1	57.0	03:30 AM - 03:35 AM	58.1	57.1	06:10 AM - 06:15 AM	58.8	57.7
12:55 AM - 01:00 AM	58.1	56.9	03:35 AM - 03:40 AM	58.0	57.3	06:15 AM - 06:20 AM	59.0	58.0
01:00 AM - 01:05 AM	58.4	57.4	03:40 AM - 03:45 AM	58.1	57.1	06:20 AM - 06:25 AM	58.6	57.6
01:05 AM - 01:10 AM	58.3	57.5	03:45 AM - 03:50 AM	58.4	57.5	06:25 AM - 06:30 AM	58.7	57.7
01:10 AM - 01:15 AM	58.3	57.1	03:50 AM - 03:55 AM	57.8	56.8	06:30 AM - 06:35 AM	60.9	57.9
01:15 AM - 01:20 AM	58.0	57.1	03:55 AM - 04:00 AM	57.8	56.8	06:35 AM - 06:40 AM	58.6	57.8
01:20 AM - 01:25 AM	58.2	57.3	04:00 AM - 04:05 AM	58.1	57.1	06:40 AM - 06:45 AM	58.4	57.6
01:25 AM - 01:30 AM	58.1	57.0	04:05 AM - 04:10 AM	57.9	56.8	06:45 AM - 06:50 AM	59.8	57.7
01:30 AM - 01:35 AM	58.2	57.4	04:10 AM - 04:15 AM	58.1	57.3	06:50 AM - 06:55 AM	60.0	57.6
01:35 AM - 01:40 AM	58.1	57.3	04:15 AM - 04:20 AM	59.0	57.9	06:55 AM - 07:00 AM	58.7	57.6

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331474-1

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Sample Number : 2244227-1
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 23 - May 24, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 24, 2022 Time	Leq dB(A)	L90 dB(A)	May 24, 2022 Time	Leq dB(A)	L90 dB(A)	May 24, 2022 Time	Leq dB(A)	L90 dB(A)
07:00 AM - 07:05 AM	58.8	57.7	09:40 AM - 09:45 AM	57.9	56.7	12:20 PM - 12:25 PM	58.6	57.4
07:05 AM - 07:10 AM	58.9	58.0	09:45 AM - 09:50 AM	59.7	56.8	12:25 PM - 12:30 PM	59.3	57.7
07:10 AM - 07:15 AM	58.9	58.0	09:50 AM - 09:55 AM	58.7	57.5	12:30 PM - 12:35 PM	59.1	57.7
07:15 AM - 07:20 AM	58.8	57.8	09:55 AM - 10:00 AM	59.0	57.7	12:35 PM - 12:40 PM	58.4	56.9
07:20 AM - 07:25 AM	58.6	57.4	10:00 AM - 10:05 AM	58.7	56.6	12:40 PM - 12:45 PM	58.4	57.2
07:25 AM - 07:30 AM	59.3	57.8	10:05 AM - 10:10 AM	58.3	56.9	12:45 PM - 12:50 PM	58.5	57.3
07:30 AM - 07:35 AM	60.6	59.1	10:10 AM - 10:15 AM	58.3	57.1	12:50 PM - 12:55 PM	58.4	57.3
07:35 AM - 07:40 AM	61.1	59.4	10:15 AM - 10:20 AM	58.3	56.8	12:55 PM - 01:00 PM	59.5	57.6
07:40 AM - 07:45 AM	60.5	59.7	10:20 AM - 10:25 AM	57.8	56.6	01:00 PM - 01:05 PM	58.8	57.1
07:45 AM - 07:50 AM	60.8	59.8	10:25 AM - 10:30 AM	58.2	57.1	01:05 PM - 01:10 PM	58.0	56.6
07:50 AM - 07:55 AM	62.3	59.9	10:30 AM - 10:35 AM	58.9	57.1	01:10 PM - 01:15 PM	58.1	56.8
07:55 AM - 08:00 AM	60.5	59.3	10:35 AM - 10:40 AM	58.7	57.4	01:15 PM - 01:20 PM	59.8	58.1
08:00 AM - 08:05 AM	60.3	59.0	10:40 AM - 10:45 AM	58.7	57.2	01:20 PM - 01:25 PM	60.2	58.5
08:05 AM - 08:10 AM	60.2	59.0	10:45 AM - 10:50 AM	60.3	58.9	01:25 PM - 01:30 PM	59.7	58.5
08:10 AM - 08:15 AM	58.8	57.3	10:50 AM - 10:55 AM	59.5	58.0	01:30 PM - 01:35 PM	60.1	58.9
08:15 AM - 08:20 AM	59.0	58.0	10:55 AM - 11:00 AM	59.9	58.6	01:35 PM - 01:40 PM	59.1	58.1
08:20 AM - 08:25 AM	64.7	58.1	11:00 AM - 11:05 AM	58.9	57.6	01:40 PM - 01:45 PM	59.8	58.4
08:25 AM - 08:30 AM	62.6	57.9	11:05 AM - 11:10 AM	60.5	58.2	01:45 PM - 01:50 PM	59.8	58.9
08:30 AM - 08:35 AM	59.5	58.2	11:10 AM - 11:15 AM	60.2	58.7	01:50 PM - 01:55 PM	59.6	58.5
08:35 AM - 08:40 AM	59.5	58.2	11:15 AM - 11:20 AM	59.6	57.7	01:55 PM - 02:00 PM	58.3	56.6
08:40 AM - 08:45 AM	59.2	58.3	11:20 AM - 11:25 AM	59.0	57.7	02:00 PM - 02:05 PM	59.6	58.5
08:45 AM - 08:50 AM	58.9	57.9	11:25 AM - 11:30 AM	59.3	57.5	02:05 PM - 02:10 PM	61.0	59.6
08:50 AM - 08:55 AM	59.0	57.6	11:30 AM - 11:35 AM	62.1	57.7	02:10 PM - 02:15 PM	61.9	60.3
08:55 AM - 09:00 AM	59.3	57.2	11:35 AM - 11:40 AM	58.9	57.3	02:15 PM - 02:20 PM	62.0	60.8
09:00 AM - 09:05 AM	58.0	56.9	11:40 AM - 11:45 AM	59.4	57.2	02:20 PM - 02:25 PM	62.1	60.7
09:05 AM - 09:10 AM	60.4	57.1	11:45 AM - 11:50 AM	59.6	58.0	02:25 PM - 02:30 PM	62.4	60.4
09:10 AM - 09:15 AM	58.1	56.8	11:50 AM - 11:55 AM	59.2	57.9	02:30 PM - 02:35 PM	61.7	60.1
09:15 AM - 09:20 AM	60.0	57.1	11:55 AM - 12:00 PM	57.7	56.5	02:35 PM - 02:40 PM	62.8	60.2
09:20 AM - 09:25 AM	57.9	56.8	12:00 PM - 12:05 PM	58.4	57.0	02:40 PM - 02:45 PM	62.3	61.0
09:25 AM - 09:30 AM	58.5	57.3	12:05 PM - 12:10 PM	65.5	58.2	02:45 PM - 02:50 PM	63.8	61.8
09:30 AM - 09:35 AM	58.6	57.0	12:10 PM - 12:15 PM	60.2	58.1	02:50 PM - 02:55 PM	63.3	60.8
09:35 AM - 09:40 AM	58.9	57.6	12:15 PM - 12:20 PM	59.8	58.7	02:55 PM - 03:00 PM	62.1	61.0

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331475-1

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Sample Number : 2244227-2
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 24 - May 25, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 24, 2022 Time	Leq dB(A)	L90 dB(A)	May 24, 2022 Time	Leq dB(A)	L90 dB(A)	May 24, 2022 Time	Leq dB(A)	L90 dB(A)
03:00 PM - 03:05 PM	64.6	61.2	05:40 PM - 05:45 PM	60.6	59.7	08:20 PM - 08:25 PM	59.5	58.8
03:05 PM - 03:10 PM	63.5	60.4	05:45 PM - 05:50 PM	66.8	60.0	08:25 PM - 08:30 PM	59.4	58.6
03:10 PM - 03:15 PM	61.1	60.5	05:50 PM - 05:55 PM	60.5	59.5	08:30 PM - 08:35 PM	59.4	58.8
03:15 PM - 03:20 PM	65.9	60.4	05:55 PM - 06:00 PM	61.2	58.5	08:35 PM - 08:40 PM	59.9	58.4
03:20 PM - 03:25 PM	63.0	60.1	06:00 PM - 06:05 PM	59.5	58.5	08:40 PM - 08:45 PM	59.3	58.5
03:25 PM - 03:30 PM	61.1	60.2	06:05 PM - 06:10 PM	59.4	58.5	08:45 PM - 08:50 PM	59.0	58.2
03:30 PM - 03:35 PM	60.5	59.8	06:10 PM - 06:15 PM	59.3	58.5	08:50 PM - 08:55 PM	59.2	58.5
03:35 PM - 03:40 PM	60.7	60.0	06:15 PM - 06:20 PM	59.8	59.0	08:55 PM - 09:00 PM	61.3	58.3
03:40 PM - 03:45 PM	60.6	59.9	06:20 PM - 06:25 PM	61.2	59.4	09:00 PM - 09:05 PM	59.5	58.4
03:45 PM - 03:50 PM	60.0	59.2	06:25 PM - 06:30 PM	60.9	60.1	09:05 PM - 09:10 PM	59.4	58.7
03:50 PM - 03:55 PM	60.3	59.3	06:30 PM - 06:35 PM	60.6	60.1	09:10 PM - 09:15 PM	59.6	58.8
03:55 PM - 04:00 PM	60.2	59.3	06:35 PM - 06:40 PM	61.2	60.0	09:15 PM - 09:20 PM	59.4	58.8
04:00 PM - 04:05 PM	60.7	59.9	06:40 PM - 06:45 PM	60.9	60.2	09:20 PM - 09:25 PM	59.4	58.8
04:05 PM - 04:10 PM	60.8	59.9	06:45 PM - 06:50 PM	60.7	60.1	09:25 PM - 09:30 PM	59.3	58.5
04:10 PM - 04:15 PM	60.4	59.6	06:50 PM - 06:55 PM	63.3	60.2	09:30 PM - 09:35 PM	59.3	58.5
04:15 PM - 04:20 PM	61.0	59.2	06:55 PM - 07:00 PM	62.1	60.0	09:35 PM - 09:40 PM	59.7	59.0
04:20 PM - 04:25 PM	60.1	59.3	07:00 PM - 07:05 PM	59.9	58.8	09:40 PM - 09:45 PM	59.5	58.6
04:25 PM - 04:30 PM	59.8	58.6	07:05 PM - 07:10 PM	60.0	58.9	09:45 PM - 09:50 PM	59.8	59.0
04:30 PM - 04:35 PM	60.3	58.2	07:10 PM - 07:15 PM	60.0	59.1	09:50 PM - 09:55 PM	59.7	58.9
04:35 PM - 04:40 PM	60.1	58.8	07:15 PM - 07:20 PM	60.2	59.2	09:55 PM - 10:00 PM	59.3	58.3
04:40 PM - 04:45 PM	59.6	58.4	07:20 PM - 07:25 PM	60.0	59.0	10:00 PM - 10:05 PM	60.0	59.1
04:45 PM - 04:50 PM	61.3	59.6	07:25 PM - 07:30 PM	59.4	58.8	10:05 PM - 10:10 PM	59.5	58.6
04:50 PM - 04:55 PM	60.3	59.4	07:30 PM - 07:35 PM	62.9	58.5	10:10 PM - 10:15 PM	58.5	57.7
04:55 PM - 05:00 PM	61.4	59.0	07:35 PM - 07:40 PM	66.1	58.9	10:15 PM - 10:20 PM	58.6	57.8
05:00 PM - 05:05 PM	60.7	59.2	07:40 PM - 07:45 PM	59.5	58.6	10:20 PM - 10:25 PM	58.7	58.0
05:05 PM - 05:10 PM	59.7	58.1	07:45 PM - 07:50 PM	61.3	58.6	10:25 PM - 10:30 PM	59.4	58.6
05:10 PM - 05:15 PM	63.0	58.3	07:50 PM - 07:55 PM	58.9	58.0	10:30 PM - 10:35 PM	59.2	58.3
05:15 PM - 05:20 PM	60.3	59.1	07:55 PM - 08:00 PM	59.4	58.5	10:35 PM - 10:40 PM	59.4	58.7
05:20 PM - 05:25 PM	60.1	59.3	08:00 PM - 08:05 PM	59.7	58.7	10:40 PM - 10:45 PM	59.4	58.5
05:25 PM - 05:30 PM	59.8	59.1	08:05 PM - 08:10 PM	60.2	59.4	10:45 PM - 10:50 PM	59.4	58.6
05:30 PM - 05:35 PM	62.9	59.8	08:10 PM - 08:15 PM	59.8	59.0	10:50 PM - 10:55 PM	59.1	58.3
05:35 PM - 05:40 PM	60.9	59.6	08:15 PM - 08:20 PM	59.7	59.0	10:55 PM - 11:00 PM	59.3	58.7

Approved by

Sarayuth Jittrantont
Assistant General Manager

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331475-1

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Sample Number : 2244227-2
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 24 - May 25, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 24 - May 25, 2022	Leq	L90	May 25, 2022	Leq	L90	May 25, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
11:00 PM - 11:05 PM	59.5	58.7	01:40 AM - 01:45 AM	59.3	58.5	04:20 AM - 04:25 AM	59.5	58.8
11:05 PM - 11:10 PM	59.8	58.9	01:45 AM - 01:50 AM	59.2	58.5	04:25 AM - 04:30 AM	59.6	58.9
11:10 PM - 11:15 PM	60.1	59.2	01:50 AM - 01:55 AM	59.1	58.3	04:30 AM - 04:35 AM	59.7	58.9
11:15 PM - 11:20 PM	60.1	59.4	01:55 AM - 02:00 AM	61.1	58.7	04:35 AM - 04:40 AM	59.4	58.8
11:20 PM - 11:25 PM	60.3	59.7	02:00 AM - 02:05 AM	61.4	58.8	04:40 AM - 04:45 AM	59.6	58.8
11:25 PM - 11:30 PM	60.0	58.7	02:05 AM - 02:10 AM	60.4	58.6	04:45 AM - 04:50 AM	59.6	59.0
11:30 PM - 11:35 PM	59.6	58.8	02:10 AM - 02:15 AM	59.1	58.4	04:50 AM - 04:55 AM	59.4	58.9
11:35 PM - 11:40 PM	59.7	58.9	02:15 AM - 02:20 AM	58.9	58.2	04:55 AM - 05:00 AM	59.4	58.6
11:40 PM - 11:45 PM	60.7	60.1	02:20 AM - 02:25 AM	60.3	58.5	05:00 AM - 05:05 AM	59.5	58.8
11:45 PM - 11:50 PM	60.9	60.2	02:25 AM - 02:30 AM	62.3	58.9	05:05 AM - 05:10 AM	59.7	58.9
11:50 PM - 11:55 PM	60.0	58.8	02:30 AM - 02:35 AM	59.4	58.6	05:10 AM - 05:15 AM	59.9	59.2
11:55 PM - 12:00 AM	59.9	59.2	02:35 AM - 02:40 AM	59.1	58.3	05:15 AM - 05:20 AM	59.5	58.8
12:00 AM - 12:05 AM	59.7	59.1	02:40 AM - 02:45 AM	59.3	58.6	05:20 AM - 05:25 AM	59.5	58.7
12:05 AM - 12:10 AM	59.4	58.6	02:45 AM - 02:50 AM	59.7	58.9	05:25 AM - 05:30 AM	60.1	58.8
12:10 AM - 12:15 AM	59.3	58.6	02:50 AM - 02:55 AM	59.5	58.9	05:30 AM - 05:35 AM	64.0	58.8
12:15 AM - 12:20 AM	59.0	58.1	02:55 AM - 03:00 AM	59.3	58.7	05:35 AM - 05:40 AM	60.1	58.9
12:20 AM - 12:25 AM	59.3	58.5	03:00 AM - 03:05 AM	59.7	59.2	05:40 AM - 05:45 AM	59.9	59.1
12:25 AM - 12:30 AM	59.4	58.6	03:05 AM - 03:10 AM	59.9	59.3	05:45 AM - 05:50 AM	59.8	58.7
12:30 AM - 12:35 AM	59.6	58.9	03:10 AM - 03:15 AM	59.4	58.9	05:50 AM - 05:55 AM	59.3	58.5
12:35 AM - 12:40 AM	59.5	58.8	03:15 AM - 03:20 AM	59.3	58.8	05:55 AM - 06:00 AM	59.2	58.3
12:40 AM - 12:45 AM	59.5	58.7	03:20 AM - 03:25 AM	59.4	58.9	06:00 AM - 06:05 AM	59.2	58.3
12:45 AM - 12:50 AM	59.8	59.0	03:25 AM - 03:30 AM	59.4	58.9	06:05 AM - 06:10 AM	59.7	58.6
12:50 AM - 12:55 AM	59.5	58.7	03:30 AM - 03:35 AM	59.6	59.0	06:10 AM - 06:15 AM	59.4	58.5
12:55 AM - 01:00 AM	59.1	58.2	03:35 AM - 03:40 AM	59.5	58.8	06:15 AM - 06:20 AM	59.5	58.6
01:00 AM - 01:05 AM	59.4	58.7	03:40 AM - 03:45 AM	59.7	59.1	06:20 AM - 06:25 AM	59.7	58.8
01:05 AM - 01:10 AM	59.3	58.6	03:45 AM - 03:50 AM	59.6	58.8	06:25 AM - 06:30 AM	59.1	58.4
01:10 AM - 01:15 AM	59.5	58.7	03:50 AM - 03:55 AM	59.5	58.7	06:30 AM - 06:35 AM	59.2	58.5
01:15 AM - 01:20 AM	59.6	59.0	03:55 AM - 04:00 AM	59.8	58.8	06:35 AM - 06:40 AM	60.0	59.0
01:20 AM - 01:25 AM	59.4	58.7	04:00 AM - 04:05 AM	60.0	58.9	06:40 AM - 06:45 AM	60.2	58.7
01:25 AM - 01:30 AM	64.3	58.8	04:05 AM - 04:10 AM	59.9	59.1	06:45 AM - 06:50 AM	60.6	59.3
01:30 AM - 01:35 AM	59.5	58.5	04:10 AM - 04:15 AM	59.9	59.1	06:50 AM - 06:55 AM	60.5	59.5
01:35 AM - 01:40 AM	58.8	58.0	04:15 AM - 04:20 AM	59.5	59.0	06:55 AM - 07:00 AM	60.3	59.2

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331475-1

Page 3 of 3

Sample Number : 2244227-2
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 24 - May 25, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 25, 2022 Time	Leq dB(A)	L90 dB(A)	May 25, 2022 Time	Leq dB(A)	L90 dB(A)	May 25, 2022 Time	Leq dB(A)	L90 dB(A)
07:00 AM - 07:05 AM	68.4	59.4	09:40 AM - 09:45 AM	61.0	59.7	12:20 PM - 12:25 PM	59.7	58.8
07:05 AM - 07:10 AM	60.7	59.4	09:45 AM - 09:50 AM	60.5	59.2	12:25 PM - 12:30 PM	60.1	58.6
07:10 AM - 07:15 AM	60.4	59.3	09:50 AM - 09:55 AM	60.5	59.1	12:30 PM - 12:35 PM	60.4	59.0
07:15 AM - 07:20 AM	60.2	58.9	09:55 AM - 10:00 AM	60.8	59.5	12:35 PM - 12:40 PM	61.1	59.8
07:20 AM - 07:25 AM	60.4	59.4	10:00 AM - 10:05 AM	60.2	59.0	12:40 PM - 12:45 PM	62.2	61.0
07:25 AM - 07:30 AM	61.2	60.3	10:05 AM - 10:10 AM	60.1	58.9	12:45 PM - 12:50 PM	61.2	59.6
07:30 AM - 07:35 AM	61.5	60.5	10:10 AM - 10:15 AM	59.9	58.7	12:50 PM - 12:55 PM	61.3	59.7
07:35 AM - 07:40 AM	62.0	61.1	10:15 AM - 10:20 AM	61.2	59.2	12:55 PM - 01:00 PM	61.8	60.4
07:40 AM - 07:45 AM	62.6	61.1	10:20 AM - 10:25 AM	61.5	60.0	01:00 PM - 01:05 PM	62.0	60.8
07:45 AM - 07:50 AM	64.7	61.4	10:25 AM - 10:30 AM	61.5	60.2	01:05 PM - 01:10 PM	61.9	60.4
07:50 AM - 07:55 AM	62.3	61.5	10:30 AM - 10:35 AM	62.3	61.0	01:10 PM - 01:15 PM	61.5	60.0
07:55 AM - 08:00 AM	62.0	61.0	10:35 AM - 10:40 AM	61.6	60.4	01:15 PM - 01:20 PM	62.0	60.8
08:00 AM - 08:05 AM	63.3	61.7	10:40 AM - 10:45 AM	61.4	60.1	01:20 PM - 01:25 PM	61.2	59.8
08:05 AM - 08:10 AM	61.4	59.9	10:45 AM - 10:50 AM	61.6	60.5	01:25 PM - 01:30 PM	61.8	60.4
08:10 AM - 08:15 AM	64.0	60.1	10:50 AM - 10:55 AM	61.5	60.4	01:30 PM - 01:35 PM	60.9	59.3
08:15 AM - 08:20 AM	61.6	60.1	10:55 AM - 11:00 AM	61.0	59.9	01:35 PM - 01:40 PM	62.2	60.9
08:20 AM - 08:25 AM	61.8	60.5	11:00 AM - 11:05 AM	61.0	59.6	01:40 PM - 01:45 PM	62.0	60.7
08:25 AM - 08:30 AM	61.9	60.7	11:05 AM - 11:10 AM	61.3	60.0	01:45 PM - 01:50 PM	62.0	60.7
08:30 AM - 08:35 AM	60.8	59.5	11:10 AM - 11:15 AM	61.0	59.6	01:50 PM - 01:55 PM	61.0	59.5
08:35 AM - 08:40 AM	61.4	59.7	11:15 AM - 11:20 AM	60.5	59.2	01:55 PM - 02:00 PM	61.9	60.3
08:40 AM - 08:45 AM	60.7	59.3	11:20 AM - 11:25 AM	60.8	59.2	02:00 PM - 02:05 PM	61.9	60.7
08:45 AM - 08:50 AM	60.1	59.1	11:25 AM - 11:30 AM	60.5	59.1	02:05 PM - 02:10 PM	61.6	60.5
08:50 AM - 08:55 AM	60.9	59.7	11:30 AM - 11:35 AM	60.9	59.6	02:10 PM - 02:15 PM	61.9	60.5
08:55 AM - 09:00 AM	61.9	60.6	11:35 AM - 11:40 AM	60.9	59.5	02:15 PM - 02:20 PM	61.9	60.3
09:00 AM - 09:05 AM	61.5	60.1	11:40 AM - 11:45 AM	61.0	59.7	02:20 PM - 02:25 PM	62.1	60.7
09:05 AM - 09:10 AM	61.2	59.6	11:45 AM - 11:50 AM	60.6	59.0	02:25 PM - 02:30 PM	62.2	60.7
09:10 AM - 09:15 AM	60.8	59.5	11:50 AM - 11:55 AM	59.7	58.5	02:30 PM - 02:35 PM	61.8	60.4
09:15 AM - 09:20 AM	61.3	59.9	11:55 AM - 12:00 PM	61.2	59.7	02:35 PM - 02:40 PM	61.8	60.3
09:20 AM - 09:25 AM	61.2	59.7	12:00 PM - 12:05 PM	60.8	59.1	02:40 PM - 02:45 PM	61.8	60.3
09:25 AM - 09:30 AM	61.4	60.3	12:05 PM - 12:10 PM	59.3	58.2	02:45 PM - 02:50 PM	62.1	60.7
09:30 AM - 09:35 AM	61.5	60.1	12:10 PM - 12:15 PM	60.8	59.0	02:50 PM - 02:55 PM	61.8	60.5
09:35 AM - 09:40 AM	61.8	60.5	12:15 PM - 12:20 PM	60.9	59.4	02:55 PM - 03:00 PM	61.8	60.6

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331476-1

Page 1 of 3

Sample Number : 2244227-3
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 25 - May 26, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 25, 2022 Time	Leq dB(A)	L90 dB(A)	May 25, 2022 Time	Leq dB(A)	L90 dB(A)	May 25, 2022 Time	Leq dB(A)	L90 dB(A)
03:00 PM - 03:05 PM	61.9	60.6	05:40 PM - 05:45 PM	61.9	60.2	08:20 PM - 08:25 PM	61.9	60.1
03:05 PM - 03:10 PM	61.6	60.4	05:45 PM - 05:50 PM	61.5	60.0	08:25 PM - 08:30 PM	62.1	59.5
03:10 PM - 03:15 PM	61.6	60.0	05:50 PM - 05:55 PM	61.5	60.2	08:30 PM - 08:35 PM	60.5	59.5
03:15 PM - 03:20 PM	61.4	59.9	05:55 PM - 06:00 PM	61.5	60.0	08:35 PM - 08:40 PM	60.1	59.4
03:20 PM - 03:25 PM	61.6	60.2	06:00 PM - 06:05 PM	61.3	60.2	08:40 PM - 08:45 PM	60.4	59.4
03:25 PM - 03:30 PM	61.5	59.9	06:05 PM - 06:10 PM	61.1	60.0	08:45 PM - 08:50 PM	61.1	59.9
03:30 PM - 03:35 PM	61.5	60.1	06:10 PM - 06:15 PM	61.5	60.2	08:50 PM - 08:55 PM	60.7	59.7
03:35 PM - 03:40 PM	61.6	60.3	06:15 PM - 06:20 PM	61.3	60.1	08:55 PM - 09:00 PM	60.7	59.5
03:40 PM - 03:45 PM	62.1	60.9	06:20 PM - 06:25 PM	61.1	60.0	09:00 PM - 09:05 PM	60.8	59.9
03:45 PM - 03:50 PM	61.3	59.9	06:25 PM - 06:30 PM	60.6	59.5	09:05 PM - 09:10 PM	61.2	60.2
03:50 PM - 03:55 PM	61.7	60.4	06:30 PM - 06:35 PM	66.6	59.9	09:10 PM - 09:15 PM	61.0	59.9
03:55 PM - 04:00 PM	61.9	60.5	06:35 PM - 06:40 PM	64.0	60.1	09:15 PM - 09:20 PM	60.8	59.8
04:00 PM - 04:05 PM	61.7	60.3	06:40 PM - 06:45 PM	66.0	60.3	09:20 PM - 09:25 PM	60.5	59.3
04:05 PM - 04:10 PM	61.9	60.6	06:45 PM - 06:50 PM	61.2	60.2	09:25 PM - 09:30 PM	60.7	59.1
04:10 PM - 04:15 PM	61.5	60.1	06:50 PM - 06:55 PM	65.5	59.6	09:30 PM - 09:35 PM	61.0	59.5
04:15 PM - 04:20 PM	60.9	59.7	06:55 PM - 07:00 PM	60.8	59.8	09:35 PM - 09:40 PM	60.5	59.7
04:20 PM - 04:25 PM	61.0	59.6	07:00 PM - 07:05 PM	63.3	59.8	09:40 PM - 09:45 PM	60.4	59.4
04:25 PM - 04:30 PM	61.0	59.7	07:05 PM - 07:10 PM	61.5	60.0	09:45 PM - 09:50 PM	60.4	59.5
04:30 PM - 04:35 PM	60.9	59.7	07:10 PM - 07:15 PM	61.4	60.1	09:50 PM - 09:55 PM	60.7	59.7
04:35 PM - 04:40 PM	60.4	59.1	07:15 PM - 07:20 PM	62.4	60.4	09:55 PM - 10:00 PM	60.6	59.5
04:40 PM - 04:45 PM	60.8	59.4	07:20 PM - 07:25 PM	61.2	60.0	10:00 PM - 10:05 PM	60.9	60.0
04:45 PM - 04:50 PM	60.7	59.5	07:25 PM - 07:30 PM	61.5	60.1	10:05 PM - 10:10 PM	61.3	60.3
04:50 PM - 04:55 PM	61.3	59.9	07:30 PM - 07:35 PM	60.9	59.9	10:10 PM - 10:15 PM	61.1	60.1
04:55 PM - 05:00 PM	60.7	59.6	07:35 PM - 07:40 PM	60.9	59.7	10:15 PM - 10:20 PM	61.2	60.1
05:00 PM - 05:05 PM	61.2	59.9	07:40 PM - 07:45 PM	61.8	60.0	10:20 PM - 10:25 PM	60.8	59.6
05:05 PM - 05:10 PM	62.6	60.7	07:45 PM - 07:50 PM	62.8	59.9	10:25 PM - 10:30 PM	60.5	59.6
05:10 PM - 05:15 PM	61.1	59.9	07:50 PM - 07:55 PM	66.1	60.2	10:30 PM - 10:35 PM	60.7	59.7
05:15 PM - 05:20 PM	60.8	59.7	07:55 PM - 08:00 PM	60.5	59.6	10:35 PM - 10:40 PM	60.9	60.0
05:20 PM - 05:25 PM	60.7	59.5	08:00 PM - 08:05 PM	60.6	59.6	10:40 PM - 10:45 PM	61.1	60.2
05:25 PM - 05:30 PM	60.9	59.9	08:05 PM - 08:10 PM	61.9	59.4	10:45 PM - 10:50 PM	60.7	59.6
05:30 PM - 05:35 PM	60.9	59.9	08:10 PM - 08:15 PM	60.2	59.4	10:50 PM - 10:55 PM	60.5	59.6
05:35 PM - 05:40 PM	60.8	59.7	08:15 PM - 08:20 PM	63.2	59.7	10:55 PM - 11:00 PM	60.4	59.3

Approved by

Sarayuth Jittrantont
Assistant General Manager

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331476-1

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Sample Number : 2244227-3
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 25 - May 26, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 25 - May 26, 2022	Leq	L90	May 26, 2022	Leq	L90	May 26, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
11:00 PM - 11:05 PM	60.4	59.5	01:40 AM - 01:45 AM	59.8	58.9	04:20 AM - 04:25 AM	60.9	60.2
11:05 PM - 11:10 PM	60.6	59.6	01:45 AM - 01:50 AM	59.7	58.7	04:25 AM - 04:30 AM	60.8	60.1
11:10 PM - 11:15 PM	60.9	59.9	01:50 AM - 01:55 AM	59.5	58.7	04:30 AM - 04:35 AM	60.9	60.3
11:15 PM - 11:20 PM	60.7	59.8	01:55 AM - 02:00 AM	59.6	58.7	04:35 AM - 04:40 AM	60.6	59.8
11:20 PM - 11:25 PM	60.4	59.5	02:00 AM - 02:05 AM	59.8	58.9	04:40 AM - 04:45 AM	60.4	59.6
11:25 PM - 11:30 PM	60.5	59.6	02:05 AM - 02:10 AM	60.0	59.3	04:45 AM - 04:50 AM	60.9	60.2
11:30 PM - 11:35 PM	61.0	59.8	02:10 AM - 02:15 AM	60.2	59.4	04:50 AM - 04:55 AM	60.8	60.0
11:35 PM - 11:40 PM	61.3	60.3	02:15 AM - 02:20 AM	60.2	59.3	04:55 AM - 05:00 AM	61.1	59.7
11:40 PM - 11:45 PM	61.1	60.3	02:20 AM - 02:25 AM	60.1	59.1	05:00 AM - 05:05 AM	60.8	60.2
11:45 PM - 11:50 PM	61.3	60.6	02:25 AM - 02:30 AM	60.2	59.3	05:05 AM - 05:10 AM	61.0	60.2
11:50 PM - 11:55 PM	60.8	59.7	02:30 AM - 02:35 AM	60.2	59.4	05:10 AM - 05:15 AM	60.8	60.0
11:55 PM - 12:00 AM	60.2	59.3	02:35 AM - 02:40 AM	60.3	59.4	05:15 AM - 05:20 AM	60.9	59.9
12:00 AM - 12:05 AM	60.5	59.8	02:40 AM - 02:45 AM	60.2	59.4	05:20 AM - 05:25 AM	61.1	60.1
12:05 AM - 12:10 AM	60.2	59.4	02:45 AM - 02:50 AM	60.1	59.3	05:25 AM - 05:30 AM	60.8	60.2
12:10 AM - 12:15 AM	60.0	59.3	02:50 AM - 02:55 AM	59.9	58.8	05:30 AM - 05:35 AM	61.2	60.6
12:15 AM - 12:20 AM	60.0	59.0	02:55 AM - 03:00 AM	59.4	58.7	05:35 AM - 05:40 AM	61.2	60.4
12:20 AM - 12:25 AM	60.3	59.1	03:00 AM - 03:05 AM	59.8	58.9	05:40 AM - 05:45 AM	61.1	60.3
12:25 AM - 12:30 AM	60.4	59.1	03:05 AM - 03:10 AM	60.0	59.2	05:45 AM - 05:50 AM	60.6	59.8
12:30 AM - 12:35 AM	68.6	59.3	03:10 AM - 03:15 AM	60.2	59.3	05:50 AM - 05:55 AM	60.7	59.2
12:35 AM - 12:40 AM	62.8	59.0	03:15 AM - 03:20 AM	60.3	59.5	05:55 AM - 06:00 AM	60.8	59.4
12:40 AM - 12:45 AM	59.9	58.9	03:20 AM - 03:25 AM	60.2	59.4	06:00 AM - 06:05 AM	61.7	59.4
12:45 AM - 12:50 AM	59.8	59.0	03:25 AM - 03:30 AM	60.5	59.5	06:05 AM - 06:10 AM	60.8	59.5
12:50 AM - 12:55 AM	60.1	59.1	03:30 AM - 03:35 AM	60.7	59.4	06:10 AM - 06:15 AM	60.8	59.9
12:55 AM - 01:00 AM	60.3	59.2	03:35 AM - 03:40 AM	60.5	59.6	06:15 AM - 06:20 AM	61.2	60.5
01:00 AM - 01:05 AM	59.8	59.0	03:40 AM - 03:45 AM	60.6	59.5	06:20 AM - 06:25 AM	60.6	59.6
01:05 AM - 01:10 AM	59.7	58.8	03:45 AM - 03:50 AM	60.7	59.5	06:25 AM - 06:30 AM	63.9	59.7
01:10 AM - 01:15 AM	59.9	59.0	03:50 AM - 03:55 AM	60.4	59.4	06:30 AM - 06:35 AM	61.3	59.5
01:15 AM - 01:20 AM	60.1	59.2	03:55 AM - 04:00 AM	60.1	59.3	06:35 AM - 06:40 AM	60.3	59.2
01:20 AM - 01:25 AM	60.0	59.0	04:00 AM - 04:05 AM	60.1	59.4	06:40 AM - 06:45 AM	60.5	59.4
01:25 AM - 01:30 AM	60.2	59.4	04:05 AM - 04:10 AM	60.1	59.3	06:45 AM - 06:50 AM	60.2	59.2
01:30 AM - 01:35 AM	59.9	59.1	04:10 AM - 04:15 AM	60.7	59.7	06:50 AM - 06:55 AM	60.3	59.2
01:35 AM - 01:40 AM	60.0	59.2	04:15 AM - 04:20 AM	60.6	59.8	06:55 AM - 07:00 AM	60.5	59.3

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331476-1

Page 3 of 3

Sample Number : 2244227-3
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 25 - May 26, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 26, 2022 Time	Leq dB(A)	L90 dB(A)	May 26, 2022 Time	Leq dB(A)	L90 dB(A)	May 26, 2022 Time	Leq dB(A)	L90 dB(A)
07:00 AM - 07:05 AM	60.5	59.3	09:40 AM - 09:45 AM	60.8	59.0	12:20 PM - 12:25 PM	61.8	60.5
07:05 AM - 07:10 AM	61.8	59.1	09:45 AM - 09:50 AM	61.1	59.7	12:25 PM - 12:30 PM	61.9	60.7
07:10 AM - 07:15 AM	60.6	59.1	09:50 AM - 09:55 AM	60.4	58.8	12:30 PM - 12:35 PM	61.5	60.2
07:15 AM - 07:20 AM	60.5	59.1	09:55 AM - 10:00 AM	59.9	58.8	12:35 PM - 12:40 PM	62.1	60.9
07:20 AM - 07:25 AM	60.9	59.5	10:00 AM - 10:05 AM	60.5	59.3	12:40 PM - 12:45 PM	62.2	60.9
07:25 AM - 07:30 AM	61.7	60.2	10:05 AM - 10:10 AM	61.6	60.4	12:45 PM - 12:50 PM	61.5	60.0
07:30 AM - 07:35 AM	61.7	60.2	10:10 AM - 10:15 AM	62.6	61.0	12:50 PM - 12:55 PM	61.8	60.4
07:35 AM - 07:40 AM	61.7	60.6	10:15 AM - 10:20 AM	64.8	62.1	12:55 PM - 01:00 PM	60.8	59.4
07:40 AM - 07:45 AM	62.0	60.9	10:20 AM - 10:25 AM	61.9	59.7	01:00 PM - 01:05 PM	61.2	59.7
07:45 AM - 07:50 AM	62.0	60.7	10:25 AM - 10:30 AM	59.2	57.9	01:05 PM - 01:10 PM	61.1	59.9
07:50 AM - 07:55 AM	61.3	60.2	10:30 AM - 10:35 AM	59.7	58.5	01:10 PM - 01:15 PM	61.3	60.0
07:55 AM - 08:00 AM	61.6	60.6	10:35 AM - 10:40 AM	60.1	58.9	01:15 PM - 01:20 PM	61.9	60.4
08:00 AM - 08:05 AM	61.4	60.0	10:40 AM - 10:45 AM	60.9	58.9	01:20 PM - 01:25 PM	63.6	60.8
08:05 AM - 08:10 AM	61.4	59.7	10:45 AM - 10:50 AM	60.4	58.7	01:25 PM - 01:30 PM	63.2	61.4
08:10 AM - 08:15 AM	61.0	59.7	10:50 AM - 10:55 AM	59.6	58.2	01:30 PM - 01:35 PM	61.5	59.8
08:15 AM - 08:20 AM	61.0	59.6	10:55 AM - 11:00 AM	59.4	58.0	01:35 PM - 01:40 PM	60.9	59.5
08:20 AM - 08:25 AM	61.0	59.5	11:00 AM - 11:05 AM	60.6	59.5	01:40 PM - 01:45 PM	60.2	58.7
08:25 AM - 08:30 AM	60.7	59.6	11:05 AM - 11:10 AM	60.7	59.2	01:45 PM - 01:50 PM	60.9	59.3
08:30 AM - 08:35 AM	61.5	59.9	11:10 AM - 11:15 AM	60.9	59.2	01:50 PM - 01:55 PM	60.9	59.6
08:35 AM - 08:40 AM	61.7	60.4	11:15 AM - 11:20 AM	60.9	59.1	01:55 PM - 02:00 PM	60.8	59.2
08:40 AM - 08:45 AM	61.5	60.1	11:20 AM - 11:25 AM	61.6	60.1	02:00 PM - 02:05 PM	61.3	59.9
08:45 AM - 08:50 AM	60.8	59.5	11:25 AM - 11:30 AM	61.6	60.0	02:05 PM - 02:10 PM	61.7	60.3
08:50 AM - 08:55 AM	60.7	59.5	11:30 AM - 11:35 AM	62.1	60.8	02:10 PM - 02:15 PM	61.4	60.0
08:55 AM - 09:00 AM	60.3	58.8	11:35 AM - 11:40 AM	61.6	59.9	02:15 PM - 02:20 PM	60.8	59.4
09:00 AM - 09:05 AM	60.2	58.6	11:40 AM - 11:45 AM	62.1	60.8	02:20 PM - 02:25 PM	62.3	61.1
09:05 AM - 09:10 AM	61.1	59.6	11:45 AM - 11:50 AM	62.3	60.9	02:25 PM - 02:30 PM	61.1	59.7
09:10 AM - 09:15 AM	60.3	59.1	11:50 AM - 11:55 AM	61.8	60.4	02:30 PM - 02:35 PM	61.8	60.8
09:15 AM - 09:20 AM	61.2	59.7	11:55 AM - 12:00 PM	61.8	60.5	02:35 PM - 02:40 PM	61.7	60.4
09:20 AM - 09:25 AM	61.2	59.7	12:00 PM - 12:05 PM	61.9	60.6	02:40 PM - 02:45 PM	63.8	59.5
09:25 AM - 09:30 AM	60.7	59.2	12:05 PM - 12:10 PM	62.0	60.7	02:45 PM - 02:50 PM	61.8	59.5
09:30 AM - 09:35 AM	59.8	58.4	12:10 PM - 12:15 PM	61.6	60.1	02:50 PM - 02:55 PM	61.1	59.8
09:35 AM - 09:40 AM	60.1	58.8	12:15 PM - 12:20 PM	62.0	60.5	02:55 PM - 03:00 PM	63.9	62.6

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331477-1

Page 1 of 3

Sample Number : 2244227-4
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 26 - May 27, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 26, 2022 Time	Leq dB(A)	L90 dB(A)	May 26, 2022 Time	Leq dB(A)	L90 dB(A)	May 26, 2022 Time	Leq dB(A)	L90 dB(A)
03:00 PM - 03:05 PM	63.2	62.2	05:40 PM - 05:45 PM	61.2	60.1	08:20 PM - 08:25 PM	62.9	59.7
03:05 PM - 03:10 PM	62.2	60.6	05:45 PM - 05:50 PM	61.2	59.8	08:25 PM - 08:30 PM	62.7	59.5
03:10 PM - 03:15 PM	61.7	60.4	05:50 PM - 05:55 PM	61.1	60.1	08:30 PM - 08:35 PM	63.6	59.3
03:15 PM - 03:20 PM	61.7	60.3	05:55 PM - 06:00 PM	61.4	60.3	08:35 PM - 08:40 PM	62.6	59.4
03:20 PM - 03:25 PM	61.1	59.8	06:00 PM - 06:05 PM	61.3	60.2	08:40 PM - 08:45 PM	63.2	59.6
03:25 PM - 03:30 PM	62.9	60.0	06:05 PM - 06:10 PM	61.5	60.4	08:45 PM - 08:50 PM	60.9	59.5
03:30 PM - 03:35 PM	63.0	61.3	06:10 PM - 06:15 PM	61.9	60.9	08:50 PM - 08:55 PM	61.0	59.9
03:35 PM - 03:40 PM	63.8	61.2	06:15 PM - 06:20 PM	61.4	60.4	08:55 PM - 09:00 PM	60.8	59.7
03:40 PM - 03:45 PM	61.5	60.2	06:20 PM - 06:25 PM	61.3	60.1	09:00 PM - 09:05 PM	60.8	59.8
03:45 PM - 03:50 PM	61.1	60.1	06:25 PM - 06:30 PM	61.1	60.3	09:05 PM - 09:10 PM	60.9	59.9
03:50 PM - 03:55 PM	61.4	60.0	06:30 PM - 06:35 PM	61.7	60.5	09:10 PM - 09:15 PM	60.2	59.1
03:55 PM - 04:00 PM	61.9	60.0	06:35 PM - 06:40 PM	61.5	60.5	09:15 PM - 09:20 PM	59.9	59.2
04:00 PM - 04:05 PM	61.2	59.8	06:40 PM - 06:45 PM	61.6	60.6	09:20 PM - 09:25 PM	60.4	59.1
04:05 PM - 04:10 PM	60.8	59.3	06:45 PM - 06:50 PM	61.7	60.6	09:25 PM - 09:30 PM	60.2	59.1
04:10 PM - 04:15 PM	62.8	60.1	06:50 PM - 06:55 PM	61.8	60.7	09:30 PM - 09:35 PM	60.3	59.1
04:15 PM - 04:20 PM	60.6	59.4	06:55 PM - 07:00 PM	62.2	60.9	09:35 PM - 09:40 PM	60.4	59.4
04:20 PM - 04:25 PM	60.8	59.4	07:00 PM - 07:05 PM	62.0	61.0	09:40 PM - 09:45 PM	60.6	59.7
04:25 PM - 04:30 PM	60.7	59.4	07:05 PM - 07:10 PM	62.5	59.6	09:45 PM - 09:50 PM	60.8	59.8
04:30 PM - 04:35 PM	60.4	59.0	07:10 PM - 07:15 PM	59.9	59.2	09:50 PM - 09:55 PM	60.3	59.3
04:35 PM - 04:40 PM	60.8	59.6	07:15 PM - 07:20 PM	60.5	58.9	09:55 PM - 10:00 PM	60.3	59.3
04:40 PM - 04:45 PM	61.5	60.3	07:20 PM - 07:25 PM	60.1	59.3	10:00 PM - 10:05 PM	60.2	59.3
04:45 PM - 04:50 PM	61.1	59.8	07:25 PM - 07:30 PM	60.1	59.4	10:05 PM - 10:10 PM	60.0	59.2
04:50 PM - 04:55 PM	60.5	59.2	07:30 PM - 07:35 PM	61.7	59.7	10:10 PM - 10:15 PM	60.3	59.3
04:55 PM - 05:00 PM	60.6	59.5	07:35 PM - 07:40 PM	59.4	58.8	10:15 PM - 10:20 PM	60.6	59.5
05:00 PM - 05:05 PM	61.2	59.7	07:40 PM - 07:45 PM	59.4	58.6	10:20 PM - 10:25 PM	60.8	59.9
05:05 PM - 05:10 PM	61.7	60.3	07:45 PM - 07:50 PM	59.6	58.7	10:25 PM - 10:30 PM	60.5	59.7
05:10 PM - 05:15 PM	61.4	60.2	07:50 PM - 07:55 PM	59.6	58.6	10:30 PM - 10:35 PM	61.1	60.2
05:15 PM - 05:20 PM	61.3	60.1	07:55 PM - 08:00 PM	60.2	59.3	10:35 PM - 10:40 PM	61.0	59.9
05:20 PM - 05:25 PM	62.0	60.9	08:00 PM - 08:05 PM	60.9	59.4	10:40 PM - 10:45 PM	61.1	60.0
05:25 PM - 05:30 PM	61.6	60.4	08:05 PM - 08:10 PM	60.7	59.8	10:45 PM - 10:50 PM	60.9	59.9
05:30 PM - 05:35 PM	61.3	60.2	08:10 PM - 08:15 PM	63.4	59.5	10:50 PM - 10:55 PM	60.8	59.8
05:35 PM - 05:40 PM	61.4	60.1	08:15 PM - 08:20 PM	64.5	59.5	10:55 PM - 11:00 PM	61.0	60.1

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331477-1

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Sample Number : 2244227-4
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 26 - May 27, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 26 - May 27, 2022	Leq	L90	May 27, 2022	Leq	L90	May 27, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
11:00 PM - 11:05 PM	60.8	59.7	01:40 AM - 01:45 AM	60.3	59.3	04:20 AM - 04:25 AM	60.7	59.5
11:05 PM - 11:10 PM	61.2	60.2	01:45 AM - 01:50 AM	60.2	59.2	04:25 AM - 04:30 AM	60.2	59.3
11:10 PM - 11:15 PM	61.1	60.1	01:50 AM - 01:55 AM	60.2	58.9	04:30 AM - 04:35 AM	60.4	59.5
11:15 PM - 11:20 PM	61.3	60.3	01:55 AM - 02:00 AM	59.9	58.9	04:35 AM - 04:40 AM	60.2	59.3
11:20 PM - 11:25 PM	61.6	60.2	02:00 AM - 02:05 AM	59.8	58.9	04:40 AM - 04:45 AM	60.3	59.5
11:25 PM - 11:30 PM	62.0	60.7	02:05 AM - 02:10 AM	59.9	59.0	04:45 AM - 04:50 AM	59.8	58.9
11:30 PM - 11:35 PM	62.2	60.9	02:10 AM - 02:15 AM	59.6	58.7	04:50 AM - 04:55 AM	60.3	59.4
11:35 PM - 11:40 PM	62.3	60.8	02:15 AM - 02:20 AM	60.8	59.1	04:55 AM - 05:00 AM	60.0	59.2
11:40 PM - 11:45 PM	62.2	61.2	02:20 AM - 02:25 AM	61.5	59.6	05:00 AM - 05:05 AM	60.5	59.7
11:45 PM - 11:50 PM	61.8	60.6	02:25 AM - 02:30 AM	60.3	59.6	05:05 AM - 05:10 AM	60.0	59.1
11:50 PM - 11:55 PM	61.0	60.2	02:30 AM - 02:35 AM	60.2	59.4	05:10 AM - 05:15 AM	59.9	58.8
11:55 PM - 12:00 AM	60.4	59.8	02:35 AM - 02:40 AM	60.2	59.2	05:15 AM - 05:20 AM	60.0	59.1
12:00 AM - 12:05 AM	60.6	59.9	02:40 AM - 02:45 AM	65.6	59.4	05:20 AM - 05:25 AM	60.3	59.2
12:05 AM - 12:10 AM	59.7	58.8	02:45 AM - 02:50 AM	60.1	59.4	05:25 AM - 05:30 AM	59.9	58.8
12:10 AM - 12:15 AM	59.9	58.9	02:50 AM - 02:55 AM	60.4	59.6	05:30 AM - 05:35 AM	59.5	58.6
12:15 AM - 12:20 AM	59.7	58.9	02:55 AM - 03:00 AM	62.9	59.1	05:35 AM - 05:40 AM	59.9	58.6
12:20 AM - 12:25 AM	59.7	58.7	03:00 AM - 03:05 AM	60.8	59.1	05:40 AM - 05:45 AM	59.1	58.4
12:25 AM - 12:30 AM	59.6	58.8	03:05 AM - 03:10 AM	59.8	58.9	05:45 AM - 05:50 AM	59.5	58.6
12:30 AM - 12:35 AM	59.5	58.7	03:10 AM - 03:15 AM	59.9	59.0	05:50 AM - 05:55 AM	59.6	58.6
12:35 AM - 12:40 AM	59.4	58.4	03:15 AM - 03:20 AM	59.8	58.8	05:55 AM - 06:00 AM	60.1	58.5
12:40 AM - 12:45 AM	59.4	58.3	03:20 AM - 03:25 AM	59.9	59.1	06:00 AM - 06:05 AM	59.5	58.6
12:45 AM - 12:50 AM	59.4	58.4	03:25 AM - 03:30 AM	59.8	58.7	06:05 AM - 06:10 AM	61.3	58.8
12:50 AM - 12:55 AM	59.6	58.6	03:30 AM - 03:35 AM	60.0	59.1	06:10 AM - 06:15 AM	59.2	58.4
12:55 AM - 01:00 AM	59.5	58.5	03:35 AM - 03:40 AM	60.2	59.3	06:15 AM - 06:20 AM	59.2	58.3
01:00 AM - 01:05 AM	59.8	58.8	03:40 AM - 03:45 AM	60.4	59.6	06:20 AM - 06:25 AM	59.5	58.5
01:05 AM - 01:10 AM	59.7	58.8	03:45 AM - 03:50 AM	60.2	59.4	06:25 AM - 06:30 AM	59.0	58.1
01:10 AM - 01:15 AM	60.1	59.1	03:50 AM - 03:55 AM	60.3	59.5	06:30 AM - 06:35 AM	59.3	58.3
01:15 AM - 01:20 AM	66.8	59.5	03:55 AM - 04:00 AM	60.3	59.3	06:35 AM - 06:40 AM	59.4	58.5
01:20 AM - 01:25 AM	68.9	60.1	04:00 AM - 04:05 AM	60.4	59.3	06:40 AM - 06:45 AM	59.7	58.6
01:25 AM - 01:30 AM	64.9	60.0	04:05 AM - 04:10 AM	60.5	59.5	06:45 AM - 06:50 AM	59.4	58.5
01:30 AM - 01:35 AM	61.0	59.2	04:10 AM - 04:15 AM	60.4	59.5	06:50 AM - 06:55 AM	59.8	58.6
01:35 AM - 01:40 AM	60.1	59.0	04:15 AM - 04:20 AM	60.4	59.5	06:55 AM - 07:00 AM	65.4	58.1

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331477-1

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Sample Number : 2244227-4
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 26 - May 27, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 27, 2022 Time	Leq dB(A)	L90 dB(A)	May 27, 2022 Time	Leq dB(A)	L90 dB(A)	May 27, 2022 Time	Leq dB(A)	L90 dB(A)
07:00 AM - 07:05 AM	60.4	58.6	09:40 AM - 09:45 AM	61.3	60.2	12:20 PM - 12:25 PM	61.2	59.9
07:05 AM - 07:10 AM	61.7	59.0	09:45 AM - 09:50 AM	61.2	60.0	12:25 PM - 12:30 PM	61.0	59.7
07:10 AM - 07:15 AM	60.2	59.0	09:50 AM - 09:55 AM	62.1	60.9	12:30 PM - 12:35 PM	61.9	60.7
07:15 AM - 07:20 AM	60.4	58.7	09:55 AM - 10:00 AM	62.4	61.1	12:35 PM - 12:40 PM	62.2	60.8
07:20 AM - 07:25 AM	60.6	59.3	10:00 AM - 10:05 AM	61.7	60.4	12:40 PM - 12:45 PM	62.1	60.8
07:25 AM - 07:30 AM	61.2	60.2	10:05 AM - 10:10 AM	62.1	60.7	12:45 PM - 12:50 PM	62.0	60.8
07:30 AM - 07:35 AM	61.8	60.1	10:10 AM - 10:15 AM	62.1	60.7	12:50 PM - 12:55 PM	61.8	60.5
07:35 AM - 07:40 AM	61.6	60.9	10:15 AM - 10:20 AM	62.6	61.1	12:55 PM - 01:00 PM	61.2	59.7
07:40 AM - 07:45 AM	62.8	61.0	10:20 AM - 10:25 AM	62.6	61.4	01:00 PM - 01:05 PM	62.2	60.9
07:45 AM - 07:50 AM	61.9	60.9	10:25 AM - 10:30 AM	62.2	60.6	01:05 PM - 01:10 PM	61.6	60.0
07:50 AM - 07:55 AM	61.9	60.9	10:30 AM - 10:35 AM	61.4	59.9	01:10 PM - 01:15 PM	61.9	60.5
07:55 AM - 08:00 AM	62.0	60.5	10:35 AM - 10:40 AM	62.0	60.5	01:15 PM - 01:20 PM	61.3	59.5
08:00 AM - 08:05 AM	61.8	60.2	10:40 AM - 10:45 AM	62.1	60.5	01:20 PM - 01:25 PM	62.4	60.8
08:05 AM - 08:10 AM	61.9	60.5	10:45 AM - 10:50 AM	61.4	59.8	01:25 PM - 01:30 PM	62.1	60.8
08:10 AM - 08:15 AM	60.8	59.6	10:50 AM - 10:55 AM	61.9	60.4	01:30 PM - 01:35 PM	62.3	61.0
08:15 AM - 08:20 AM	61.1	59.9	10:55 AM - 11:00 AM	62.2	60.9	01:35 PM - 01:40 PM	63.0	60.5
08:20 AM - 08:25 AM	61.1	59.8	11:00 AM - 11:05 AM	62.3	60.8	01:40 PM - 01:45 PM	61.5	60.0
08:25 AM - 08:30 AM	61.5	60.3	11:05 AM - 11:10 AM	61.6	60.2	01:45 PM - 01:50 PM	61.6	60.0
08:30 AM - 08:35 AM	61.4	60.2	11:10 AM - 11:15 AM	61.9	60.4	01:50 PM - 01:55 PM	62.4	60.9
08:35 AM - 08:40 AM	61.5	60.1	11:15 AM - 11:20 AM	62.0	60.6	01:55 PM - 02:00 PM	62.0	60.8
08:40 AM - 08:45 AM	61.5	60.3	11:20 AM - 11:25 AM	61.6	60.2	02:00 PM - 02:05 PM	62.0	60.7
08:45 AM - 08:50 AM	61.0	59.6	11:25 AM - 11:30 AM	61.9	60.4	02:05 PM - 02:10 PM	62.7	61.5
08:50 AM - 08:55 AM	60.9	59.4	11:30 AM - 11:35 AM	61.5	59.9	02:10 PM - 02:15 PM	62.0	61.0
08:55 AM - 09:00 AM	61.5	60.2	11:35 AM - 11:40 AM	61.1	59.4	02:15 PM - 02:20 PM	61.8	60.2
09:00 AM - 09:05 AM	61.5	60.3	11:40 AM - 11:45 AM	61.2	59.7	02:20 PM - 02:25 PM	62.1	60.7
09:05 AM - 09:10 AM	61.5	60.2	11:45 AM - 11:50 AM	61.9	60.6	02:25 PM - 02:30 PM	61.9	60.6
09:10 AM - 09:15 AM	61.5	60.2	11:50 AM - 11:55 AM	61.7	60.1	02:30 PM - 02:35 PM	61.9	60.6
09:15 AM - 09:20 AM	61.1	59.8	11:55 AM - 12:00 PM	60.0	58.8	02:35 PM - 02:40 PM	61.4	59.8
09:20 AM - 09:25 AM	61.0	59.7	12:00 PM - 12:05 PM	61.9	60.4	02:40 PM - 02:45 PM	62.0	60.8
09:25 AM - 09:30 AM	61.4	59.9	12:05 PM - 12:10 PM	61.6	59.9	02:45 PM - 02:50 PM	62.1	60.9
09:30 AM - 09:35 AM	61.5	60.3	12:10 PM - 12:15 PM	62.1	60.8	02:50 PM - 02:55 PM	62.5	61.2
09:35 AM - 09:40 AM	61.6	60.4	12:15 PM - 12:20 PM	61.9	60.6	02:55 PM - 03:00 PM	61.8	60.7

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331478-1

Page 1 of 3

Sample Number : 2244227-5
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 27 - May 28, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 27, 2022 Time	Leq dB(A)	L90 dB(A)	May 27, 2022 Time	Leq dB(A)	L90 dB(A)	May 27, 2022 Time	Leq dB(A)	L90 dB(A)
03:00 PM - 03:05 PM	61.7	60.5	05:40 PM - 05:45 PM	61.2	60.2	08:20 PM - 08:25 PM	58.6	57.6
03:05 PM - 03:10 PM	61.7	60.1	05:45 PM - 05:50 PM	61.5	60.3	08:25 PM - 08:30 PM	59.4	58.1
03:10 PM - 03:15 PM	61.1	59.9	05:50 PM - 05:55 PM	61.6	60.4	08:30 PM - 08:35 PM	59.5	58.6
03:15 PM - 03:20 PM	61.6	60.2	05:55 PM - 06:00 PM	61.7	60.5	08:35 PM - 08:40 PM	60.6	58.9
03:20 PM - 03:25 PM	61.8	60.5	06:00 PM - 06:05 PM	61.9	60.6	08:40 PM - 08:45 PM	59.4	58.3
03:25 PM - 03:30 PM	61.8	60.4	06:05 PM - 06:10 PM	61.9	60.5	08:45 PM - 08:50 PM	59.4	58.4
03:30 PM - 03:35 PM	62.1	61.0	06:10 PM - 06:15 PM	61.0	59.9	08:50 PM - 08:55 PM	59.7	58.8
03:35 PM - 03:40 PM	61.3	59.7	06:15 PM - 06:20 PM	60.3	59.4	08:55 PM - 09:00 PM	60.4	59.1
03:40 PM - 03:45 PM	63.0	60.7	06:20 PM - 06:25 PM	60.5	59.4	09:00 PM - 09:05 PM	59.5	58.4
03:45 PM - 03:50 PM	62.2	60.5	06:25 PM - 06:30 PM	60.9	59.7	09:05 PM - 09:10 PM	59.4	58.5
03:50 PM - 03:55 PM	61.7	60.4	06:30 PM - 06:35 PM	61.0	59.6	09:10 PM - 09:15 PM	68.0	58.8
03:55 PM - 04:00 PM	61.6	60.5	06:35 PM - 06:40 PM	61.5	60.3	09:15 PM - 09:20 PM	65.2	58.2
04:00 PM - 04:05 PM	61.9	60.5	06:40 PM - 06:45 PM	61.2	60.1	09:20 PM - 09:25 PM	59.6	58.5
04:05 PM - 04:10 PM	61.9	60.6	06:45 PM - 06:50 PM	61.4	60.1	09:25 PM - 09:30 PM	60.4	58.8
04:10 PM - 04:15 PM	61.8	60.4	06:50 PM - 06:55 PM	61.4	60.3	09:30 PM - 09:35 PM	63.9	58.6
04:15 PM - 04:20 PM	63.2	61.4	06:55 PM - 07:00 PM	60.5	59.1	09:35 PM - 09:40 PM	65.2	58.7
04:20 PM - 04:25 PM	63.6	62.4	07:00 PM - 07:05 PM	60.4	59.4	09:40 PM - 09:45 PM	63.5	58.5
04:25 PM - 04:30 PM	63.4	62.1	07:05 PM - 07:10 PM	60.4	59.2	09:45 PM - 09:50 PM	59.1	58.1
04:30 PM - 04:35 PM	63.6	62.3	07:10 PM - 07:15 PM	60.3	59.2	09:50 PM - 09:55 PM	59.8	58.0
04:35 PM - 04:40 PM	63.0	61.8	07:15 PM - 07:20 PM	60.3	59.4	09:55 PM - 10:00 PM	59.2	57.6
04:40 PM - 04:45 PM	62.1	61.0	07:20 PM - 07:25 PM	63.4	59.4	10:00 PM - 10:05 PM	58.9	58.0
04:45 PM - 04:50 PM	61.5	60.4	07:25 PM - 07:30 PM	60.9	59.3	10:05 PM - 10:10 PM	58.9	58.0
04:50 PM - 04:55 PM	60.9	59.9	07:30 PM - 07:35 PM	63.9	59.4	10:10 PM - 10:15 PM	58.7	57.9
04:55 PM - 05:00 PM	63.7	59.6	07:35 PM - 07:40 PM	60.1	59.0	10:15 PM - 10:20 PM	58.9	58.1
05:00 PM - 05:05 PM	60.9	59.5	07:40 PM - 07:45 PM	63.8	59.1	10:20 PM - 10:25 PM	59.0	57.9
05:05 PM - 05:10 PM	65.2	60.0	07:45 PM - 07:50 PM	62.1	59.3	10:25 PM - 10:30 PM	59.2	58.2
05:10 PM - 05:15 PM	61.9	60.0	07:50 PM - 07:55 PM	61.4	59.0	10:30 PM - 10:35 PM	59.3	58.3
05:15 PM - 05:20 PM	61.6	60.3	07:55 PM - 08:00 PM	59.6	58.8	10:35 PM - 10:40 PM	59.6	58.5
05:20 PM - 05:25 PM	65.3	60.3	08:00 PM - 08:05 PM	59.5	58.5	10:40 PM - 10:45 PM	59.3	58.3
05:25 PM - 05:30 PM	61.6	60.4	08:05 PM - 08:10 PM	59.5	58.6	10:45 PM - 10:50 PM	58.9	58.0
05:30 PM - 05:35 PM	61.6	60.3	08:10 PM - 08:15 PM	62.1	58.8	10:50 PM - 10:55 PM	59.1	58.2
05:35 PM - 05:40 PM	61.5	60.4	08:15 PM - 08:20 PM	60.6	58.4	10:55 PM - 11:00 PM	59.1	58.0

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331478-1

Page 2 of 3

Sample Number : 2244227-5
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 27 - May 28, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 27 - May 28, 2022	Leq	L90	May 28, 2022	Leq	L90	May 28, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
11:00 PM - 11:05 PM	58.7	57.7	01:40 AM - 01:45 AM	59.0	58.2	04:20 AM - 04:25 AM	59.1	58.3
11:05 PM - 11:10 PM	58.8	57.8	01:45 AM - 01:50 AM	58.9	57.9	04:25 AM - 04:30 AM	59.2	58.3
11:10 PM - 11:15 PM	58.8	57.9	01:50 AM - 01:55 AM	59.0	58.3	04:30 AM - 04:35 AM	59.0	58.2
11:15 PM - 11:20 PM	58.6	57.8	01:55 AM - 02:00 AM	59.5	58.7	04:35 AM - 04:40 AM	59.3	58.6
11:20 PM - 11:25 PM	58.9	57.8	02:00 AM - 02:05 AM	60.9	58.6	04:40 AM - 04:45 AM	59.2	58.5
11:25 PM - 11:30 PM	58.9	57.8	02:05 AM - 02:10 AM	59.2	58.3	04:45 AM - 04:50 AM	59.2	58.5
11:30 PM - 11:35 PM	58.7	57.8	02:10 AM - 02:15 AM	61.0	59.0	04:50 AM - 04:55 AM	59.4	58.6
11:35 PM - 11:40 PM	59.4	58.2	02:15 AM - 02:20 AM	59.6	58.6	04:55 AM - 05:00 AM	59.3	58.6
11:40 PM - 11:45 PM	60.0	58.9	02:20 AM - 02:25 AM	59.6	58.6	05:00 AM - 05:05 AM	59.4	58.7
11:45 PM - 11:50 PM	60.2	59.4	02:25 AM - 02:30 AM	59.3	58.3	05:05 AM - 05:10 AM	59.2	58.6
11:50 PM - 11:55 PM	59.8	57.8	02:30 AM - 02:35 AM	59.4	58.4	05:10 AM - 05:15 AM	59.4	58.8
11:55 PM - 12:00 AM	59.1	57.9	02:35 AM - 02:40 AM	59.7	58.6	05:15 AM - 05:20 AM	59.2	58.5
12:00 AM - 12:05 AM	59.3	58.3	02:40 AM - 02:45 AM	59.2	58.3	05:20 AM - 05:25 AM	59.2	58.1
12:05 AM - 12:10 AM	59.3	58.1	02:45 AM - 02:50 AM	59.3	58.5	05:25 AM - 05:30 AM	60.9	58.8
12:10 AM - 12:15 AM	59.8	57.7	02:50 AM - 02:55 AM	58.9	58.0	05:30 AM - 05:35 AM	59.3	58.7
12:15 AM - 12:20 AM	58.4	57.6	02:55 AM - 03:00 AM	59.2	58.3	05:35 AM - 05:40 AM	59.4	58.9
12:20 AM - 12:25 AM	58.5	57.3	03:00 AM - 03:05 AM	59.0	58.2	05:40 AM - 05:45 AM	59.6	58.9
12:25 AM - 12:30 AM	58.9	57.8	03:05 AM - 03:10 AM	58.9	58.0	05:45 AM - 05:50 AM	59.5	59.1
12:30 AM - 12:35 AM	59.0	58.2	03:10 AM - 03:15 AM	58.6	57.9	05:50 AM - 05:55 AM	59.4	58.9
12:35 AM - 12:40 AM	58.7	57.9	03:15 AM - 03:20 AM	59.0	58.3	05:55 AM - 06:00 AM	59.4	58.9
12:40 AM - 12:45 AM	58.7	57.5	03:20 AM - 03:25 AM	59.0	58.4	06:00 AM - 06:05 AM	59.1	58.5
12:45 AM - 12:50 AM	58.7	57.8	03:25 AM - 03:30 AM	58.8	58.0	06:05 AM - 06:10 AM	60.1	58.4
12:50 AM - 12:55 AM	58.5	57.4	03:30 AM - 03:35 AM	58.9	58.0	06:10 AM - 06:15 AM	59.1	58.2
12:55 AM - 01:00 AM	58.8	57.8	03:35 AM - 03:40 AM	59.0	58.1	06:15 AM - 06:20 AM	59.5	58.1
01:00 AM - 01:05 AM	59.2	57.6	03:40 AM - 03:45 AM	58.9	58.2	06:20 AM - 06:25 AM	59.3	57.8
01:05 AM - 01:10 AM	59.0	58.0	03:45 AM - 03:50 AM	60.0	58.5	06:25 AM - 06:30 AM	59.0	57.8
01:10 AM - 01:15 AM	58.7	58.0	03:50 AM - 03:55 AM	61.4	58.4	06:30 AM - 06:35 AM	58.9	58.1
01:15 AM - 01:20 AM	59.3	58.6	03:55 AM - 04:00 AM	61.0	58.4	06:35 AM - 06:40 AM	58.5	57.5
01:20 AM - 01:25 AM	59.2	58.4	04:00 AM - 04:05 AM	59.1	58.4	06:40 AM - 06:45 AM	58.9	57.9
01:25 AM - 01:30 AM	59.1	58.6	04:05 AM - 04:10 AM	59.1	58.3	06:45 AM - 06:50 AM	59.4	58.4
01:30 AM - 01:35 AM	58.8	58.1	04:10 AM - 04:15 AM	59.0	58.3	06:50 AM - 06:55 AM	59.6	58.2
01:35 AM - 01:40 AM	59.0	58.3	04:15 AM - 04:20 AM	59.2	58.4	06:55 AM - 07:00 AM	59.5	58.7

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331478-1

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Sample Number : 2244227-5
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 27 - May 28, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 28, 2022 Time	Leq dB(A)	L90 dB(A)	May 28, 2022 Time	Leq dB(A)	L90 dB(A)	May 28, 2022 Time	Leq dB(A)	L90 dB(A)
07:00 AM - 07:05 AM	59.6	58.3	09:40 AM - 09:45 AM	60.3	59.2	12:20 PM - 12:25 PM	60.9	59.7
07:05 AM - 07:10 AM	59.2	58.1	09:45 AM - 09:50 AM	60.7	59.3	12:25 PM - 12:30 PM	60.7	59.4
07:10 AM - 07:15 AM	60.0	58.8	09:50 AM - 09:55 AM	60.6	59.2	12:30 PM - 12:35 PM	60.3	58.7
07:15 AM - 07:20 AM	59.2	58.3	09:55 AM - 10:00 AM	60.0	57.6	12:35 PM - 12:40 PM	59.7	58.5
07:20 AM - 07:25 AM	59.7	58.6	10:00 AM - 10:05 AM	59.4	57.8	12:40 PM - 12:45 PM	59.6	58.3
07:25 AM - 07:30 AM	60.2	59.2	10:05 AM - 10:10 AM	59.4	58.0	12:45 PM - 12:50 PM	60.7	59.4
07:30 AM - 07:35 AM	60.5	59.7	10:10 AM - 10:15 AM	60.5	59.3	12:50 PM - 12:55 PM	60.5	59.3
07:35 AM - 07:40 AM	66.9	60.1	10:15 AM - 10:20 AM	61.0	59.7	12:55 PM - 01:00 PM	60.0	57.7
07:40 AM - 07:45 AM	60.7	60.0	10:20 AM - 10:25 AM	61.0	59.9	01:00 PM - 01:05 PM	60.2	58.7
07:45 AM - 07:50 AM	60.4	59.6	10:25 AM - 10:30 AM	60.0	58.9	01:05 PM - 01:10 PM	60.0	58.8
07:50 AM - 07:55 AM	60.7	60.0	10:30 AM - 10:35 AM	60.6	59.4	01:10 PM - 01:15 PM	59.7	58.2
07:55 AM - 08:00 AM	59.9	59.2	10:35 AM - 10:40 AM	60.6	59.3	01:15 PM - 01:20 PM	60.9	59.7
08:00 AM - 08:05 AM	60.0	58.7	10:40 AM - 10:45 AM	60.8	59.6	01:20 PM - 01:25 PM	60.7	59.1
08:05 AM - 08:10 AM	60.1	59.2	10:45 AM - 10:50 AM	60.8	59.7	01:25 PM - 01:30 PM	60.8	59.5
08:10 AM - 08:15 AM	59.7	58.6	10:50 AM - 10:55 AM	60.5	59.3	01:30 PM - 01:35 PM	60.9	59.4
08:15 AM - 08:20 AM	59.5	58.4	10:55 AM - 11:00 AM	61.1	60.0	01:35 PM - 01:40 PM	59.2	58.0
08:20 AM - 08:25 AM	59.7	58.5	11:00 AM - 11:05 AM	61.4	60.2	01:40 PM - 01:45 PM	59.5	58.2
08:25 AM - 08:30 AM	59.5	58.5	11:05 AM - 11:10 AM	61.0	59.7	01:45 PM - 01:50 PM	60.2	58.9
08:30 AM - 08:35 AM	59.2	58.2	11:10 AM - 11:15 AM	61.0	59.6	01:50 PM - 01:55 PM	59.9	58.6
08:35 AM - 08:40 AM	59.0	58.1	11:15 AM - 11:20 AM	60.3	59.2	01:55 PM - 02:00 PM	60.4	58.9
08:40 AM - 08:45 AM	59.5	58.1	11:20 AM - 11:25 AM	60.5	59.4	02:00 PM - 02:05 PM	60.2	59.0
08:45 AM - 08:50 AM	60.2	58.5	11:25 AM - 11:30 AM	59.7	58.3	02:05 PM - 02:10 PM	60.8	59.0
08:50 AM - 08:55 AM	59.5	58.4	11:30 AM - 11:35 AM	60.1	59.0	02:10 PM - 02:15 PM	60.8	59.7
08:55 AM - 09:00 AM	60.1	58.6	11:35 AM - 11:40 AM	59.6	58.4	02:15 PM - 02:20 PM	61.2	60.0
09:00 AM - 09:05 AM	59.4	58.3	11:40 AM - 11:45 AM	60.8	59.6	02:20 PM - 02:25 PM	60.7	59.5
09:05 AM - 09:10 AM	59.6	58.5	11:45 AM - 11:50 AM	61.2	59.9	02:25 PM - 02:30 PM	60.6	59.3
09:10 AM - 09:15 AM	60.3	58.9	11:50 AM - 11:55 AM	60.3	58.8	02:30 PM - 02:35 PM	59.7	58.7
09:15 AM - 09:20 AM	60.1	58.8	11:55 AM - 12:00 PM	59.9	58.4	02:35 PM - 02:40 PM	60.0	58.6
09:20 AM - 09:25 AM	59.6	58.3	12:00 PM - 12:05 PM	59.9	58.8	02:40 PM - 02:45 PM	60.4	59.2
09:25 AM - 09:30 AM	59.7	58.6	12:05 PM - 12:10 PM	60.2	59.2	02:45 PM - 02:50 PM	60.2	59.0
09:30 AM - 09:35 AM	59.9	58.6	12:10 PM - 12:15 PM	60.2	59.1	02:50 PM - 02:55 PM	60.9	59.8
09:35 AM - 09:40 AM	59.2	57.8	12:15 PM - 12:20 PM	60.7	59.6	02:55 PM - 03:00 PM	60.5	59.5

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331479-1

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Sample Number : 2244227-6
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 28 - May 29, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 28, 2022 Time	Leq dB(A)	L90 dB(A)	May 28, 2022 Time	Leq dB(A)	L90 dB(A)	May 28, 2022 Time	Leq dB(A)	L90 dB(A)
03:00 PM - 03:05 PM	60.2	59.0	05:40 PM - 05:45 PM	59.9	58.8	08:20 PM - 08:25 PM	60.1	57.8
03:05 PM - 03:10 PM	60.6	59.6	05:45 PM - 05:50 PM	60.9	59.8	08:25 PM - 08:30 PM	59.4	57.7
03:10 PM - 03:15 PM	60.1	58.9	05:50 PM - 05:55 PM	60.9	59.6	08:30 PM - 08:35 PM	58.8	57.8
03:15 PM - 03:20 PM	60.3	59.1	05:55 PM - 06:00 PM	60.5	59.3	08:35 PM - 08:40 PM	58.1	57.3
03:20 PM - 03:25 PM	60.8	59.6	06:00 PM - 06:05 PM	60.6	59.6	08:40 PM - 08:45 PM	58.7	57.9
03:25 PM - 03:30 PM	60.3	59.2	06:05 PM - 06:10 PM	60.5	59.6	08:45 PM - 08:50 PM	58.5	57.7
03:30 PM - 03:35 PM	60.1	58.7	06:10 PM - 06:15 PM	60.8	59.8	08:50 PM - 08:55 PM	58.7	57.6
03:35 PM - 03:40 PM	60.0	58.2	06:15 PM - 06:20 PM	60.3	59.3	08:55 PM - 09:00 PM	58.9	57.9
03:40 PM - 03:45 PM	59.5	58.3	06:20 PM - 06:25 PM	60.4	59.4	09:00 PM - 09:05 PM	58.7	57.7
03:45 PM - 03:50 PM	60.2	58.5	06:25 PM - 06:30 PM	60.2	59.2	09:05 PM - 09:10 PM	58.9	58.0
03:50 PM - 03:55 PM	59.5	58.1	06:30 PM - 06:35 PM	61.4	59.1	09:10 PM - 09:15 PM	59.5	58.1
03:55 PM - 04:00 PM	59.4	58.2	06:35 PM - 06:40 PM	60.2	59.1	09:15 PM - 09:20 PM	58.9	57.9
04:00 PM - 04:05 PM	59.0	58.0	06:40 PM - 06:45 PM	60.3	59.3	09:20 PM - 09:25 PM	59.4	58.5
04:05 PM - 04:10 PM	60.5	59.3	06:45 PM - 06:50 PM	60.3	59.4	09:25 PM - 09:30 PM	59.4	58.2
04:10 PM - 04:15 PM	60.0	58.8	06:50 PM - 06:55 PM	60.4	59.4	09:30 PM - 09:35 PM	59.4	58.5
04:15 PM - 04:20 PM	59.1	58.2	06:55 PM - 07:00 PM	60.6	59.8	09:35 PM - 09:40 PM	58.7	57.9
04:20 PM - 04:25 PM	59.9	58.7	07:00 PM - 07:05 PM	60.5	59.6	09:40 PM - 09:45 PM	59.1	58.2
04:25 PM - 04:30 PM	60.1	59.0	07:05 PM - 07:10 PM	60.0	59.2	09:45 PM - 09:50 PM	60.8	58.0
04:30 PM - 04:35 PM	60.4	59.1	07:10 PM - 07:15 PM	59.8	58.9	09:50 PM - 09:55 PM	58.7	57.9
04:35 PM - 04:40 PM	60.4	59.3	07:15 PM - 07:20 PM	59.8	58.8	09:55 PM - 10:00 PM	59.2	58.1
04:40 PM - 04:45 PM	60.8	59.5	07:20 PM - 07:25 PM	58.5	57.7	10:00 PM - 10:05 PM	59.1	58.0
04:45 PM - 04:50 PM	60.4	59.0	07:25 PM - 07:30 PM	60.7	57.7	10:05 PM - 10:10 PM	58.9	57.9
04:50 PM - 04:55 PM	60.1	59.1	07:30 PM - 07:35 PM	58.2	56.9	10:10 PM - 10:15 PM	59.0	58.1
04:55 PM - 05:00 PM	61.0	59.9	07:35 PM - 07:40 PM	59.8	57.9	10:15 PM - 10:20 PM	58.8	58.0
05:00 PM - 05:05 PM	60.3	58.7	07:40 PM - 07:45 PM	58.2	57.2	10:20 PM - 10:25 PM	59.0	58.1
05:05 PM - 05:10 PM	61.9	59.5	07:45 PM - 07:50 PM	59.6	57.2	10:25 PM - 10:30 PM	59.1	57.9
05:10 PM - 05:15 PM	60.5	59.2	07:50 PM - 07:55 PM	58.0	57.0	10:30 PM - 10:35 PM	59.2	58.3
05:15 PM - 05:20 PM	60.2	59.0	07:55 PM - 08:00 PM	58.7	57.8	10:35 PM - 10:40 PM	58.6	57.7
05:20 PM - 05:25 PM	60.1	59.0	08:00 PM - 08:05 PM	58.5	57.4	10:40 PM - 10:45 PM	58.5	57.6
05:25 PM - 05:30 PM	59.8	58.6	08:05 PM - 08:10 PM	58.5	57.6	10:45 PM - 10:50 PM	58.6	57.4
05:30 PM - 05:35 PM	60.0	58.5	08:10 PM - 08:15 PM	58.6	57.5	10:50 PM - 10:55 PM	59.0	58.1
05:35 PM - 05:40 PM	60.0	59.0	08:15 PM - 08:20 PM	61.2	57.6	10:55 PM - 11:00 PM	59.3	58.5

Approved by

Sarayuth Jittrantont
Assistant General Manager

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331479-1

Page 2 of 3

Sample Number : 2244227-6
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 28 - May 29, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 28 - May 29, 2022	Leq	L90	May 29, 2022	Leq	L90	May 29, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
11:00 PM - 11:05 PM	59.1	58.1	01:40 AM - 01:45 AM	58.3	57.3	04:20 AM - 04:25 AM	58.8	58.1
11:05 PM - 11:10 PM	59.3	58.2	01:45 AM - 01:50 AM	58.4	57.5	04:25 AM - 04:30 AM	58.9	58.2
11:10 PM - 11:15 PM	59.7	58.9	01:50 AM - 01:55 AM	58.2	57.4	04:30 AM - 04:35 AM	58.9	58.2
11:15 PM - 11:20 PM	59.4	58.4	01:55 AM - 02:00 AM	58.5	57.5	04:35 AM - 04:40 AM	58.9	58.0
11:20 PM - 11:25 PM	59.5	58.1	02:00 AM - 02:05 AM	58.4	57.6	04:40 AM - 04:45 AM	58.9	58.2
11:25 PM - 11:30 PM	59.5	58.4	02:05 AM - 02:10 AM	58.4	57.4	04:45 AM - 04:50 AM	58.9	58.1
11:30 PM - 11:35 PM	59.0	57.5	02:10 AM - 02:15 AM	61.6	57.3	04:50 AM - 04:55 AM	58.9	58.0
11:35 PM - 11:40 PM	58.4	57.2	02:15 AM - 02:20 AM	58.2	57.2	04:55 AM - 05:00 AM	58.7	57.7
11:40 PM - 11:45 PM	60.8	58.6	02:20 AM - 02:25 AM	61.0	57.1	05:00 AM - 05:05 AM	58.6	57.7
11:45 PM - 11:50 PM	61.6	59.2	02:25 AM - 02:30 AM	58.3	57.2	05:05 AM - 05:10 AM	58.5	57.5
11:50 PM - 11:55 PM	58.5	57.6	02:30 AM - 02:35 AM	58.3	57.2	05:10 AM - 05:15 AM	58.5	57.4
11:55 PM - 12:00 AM	58.6	57.6	02:35 AM - 02:40 AM	57.7	57.1	05:15 AM - 05:20 AM	58.7	57.7
12:00 AM - 12:05 AM	59.4	58.3	02:40 AM - 02:45 AM	57.9	57.0	05:20 AM - 05:25 AM	58.9	58.2
12:05 AM - 12:10 AM	58.4	57.2	02:45 AM - 02:50 AM	58.6	57.9	05:25 AM - 05:30 AM	58.9	58.2
12:10 AM - 12:15 AM	58.4	57.3	02:50 AM - 02:55 AM	58.4	57.6	05:30 AM - 05:35 AM	58.7	57.9
12:15 AM - 12:20 AM	58.6	57.0	02:55 AM - 03:00 AM	58.7	57.7	05:35 AM - 05:40 AM	59.1	58.3
12:20 AM - 12:25 AM	58.6	57.8	03:00 AM - 03:05 AM	58.4	57.4	05:40 AM - 05:45 AM	58.8	58.2
12:25 AM - 12:30 AM	58.6	57.3	03:05 AM - 03:10 AM	58.3	57.5	05:45 AM - 05:50 AM	58.6	57.5
12:30 AM - 12:35 AM	58.1	57.2	03:10 AM - 03:15 AM	58.5	57.3	05:50 AM - 05:55 AM	58.4	57.2
12:35 AM - 12:40 AM	57.9	56.6	03:15 AM - 03:20 AM	58.0	57.2	05:55 AM - 06:00 AM	61.4	57.1
12:40 AM - 12:45 AM	58.2	57.2	03:20 AM - 03:25 AM	58.4	57.6	06:00 AM - 06:05 AM	58.4	57.5
12:45 AM - 12:50 AM	58.0	57.1	03:25 AM - 03:30 AM	58.4	57.3	06:05 AM - 06:10 AM	58.2	57.2
12:50 AM - 12:55 AM	58.0	56.7	03:30 AM - 03:35 AM	58.3	57.3	06:10 AM - 06:15 AM	58.3	57.4
12:55 AM - 01:00 AM	58.0	57.0	03:35 AM - 03:40 AM	58.1	57.1	06:15 AM - 06:20 AM	58.0	56.8
01:00 AM - 01:05 AM	57.6	56.8	03:40 AM - 03:45 AM	58.3	57.1	06:20 AM - 06:25 AM	58.5	57.2
01:05 AM - 01:10 AM	58.0	57.1	03:45 AM - 03:50 AM	58.3	57.1	06:25 AM - 06:30 AM	58.7	57.4
01:10 AM - 01:15 AM	58.3	57.3	03:50 AM - 03:55 AM	57.7	56.9	06:30 AM - 06:35 AM	58.8	57.6
01:15 AM - 01:20 AM	58.6	57.8	03:55 AM - 04:00 AM	58.2	57.2	06:35 AM - 06:40 AM	58.5	57.8
01:20 AM - 01:25 AM	58.0	57.1	04:00 AM - 04:05 AM	58.5	57.5	06:40 AM - 06:45 AM	58.0	57.1
01:25 AM - 01:30 AM	58.5	57.7	04:05 AM - 04:10 AM	58.3	57.5	06:45 AM - 06:50 AM	57.8	56.8
01:30 AM - 01:35 AM	58.4	57.5	04:10 AM - 04:15 AM	58.0	57.2	06:50 AM - 06:55 AM	57.4	56.6
01:35 AM - 01:40 AM	58.5	57.6	04:15 AM - 04:20 AM	58.7	57.7	06:55 AM - 07:00 AM	58.6	57.6

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331479-1

Page 3 of 3

Sample Number : 2244227-6
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 28 - May 29, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 29, 2022 Time	Leq dB(A)	L90 dB(A)	May 29, 2022 Time	Leq dB(A)	L90 dB(A)	May 29, 2022 Time	Leq dB(A)	L90 dB(A)
07:00 AM - 07:05 AM	58.6	57.0	09:40 AM - 09:45 AM	58.0	56.4	12:20 PM - 12:25 PM	58.5	57.0
07:05 AM - 07:10 AM	58.3	57.5	09:45 AM - 09:50 AM	59.2	57.4	12:25 PM - 12:30 PM	57.7	56.2
07:10 AM - 07:15 AM	57.8	56.8	09:50 AM - 09:55 AM	58.4	57.4	12:30 PM - 12:35 PM	56.7	54.5
07:15 AM - 07:20 AM	57.9	56.9	09:55 AM - 10:00 AM	58.3	57.1	12:35 PM - 12:40 PM	57.4	55.6
07:20 AM - 07:25 AM	58.0	56.2	10:00 AM - 10:05 AM	57.6	56.3	12:40 PM - 12:45 PM	58.1	56.1
07:25 AM - 07:30 AM	57.6	56.0	10:05 AM - 10:10 AM	58.5	57.2	12:45 PM - 12:50 PM	58.1	56.2
07:30 AM - 07:35 AM	57.4	55.5	10:10 AM - 10:15 AM	58.0	56.4	12:50 PM - 12:55 PM	58.3	57.0
07:35 AM - 07:40 AM	57.9	56.5	10:15 AM - 10:20 AM	58.8	57.3	12:55 PM - 01:00 PM	58.0	56.2
07:40 AM - 07:45 AM	57.1	55.8	10:20 AM - 10:25 AM	60.3	57.2	01:00 PM - 01:05 PM	59.1	56.9
07:45 AM - 07:50 AM	57.5	56.1	10:25 AM - 10:30 AM	58.6	57.2	01:05 PM - 01:10 PM	57.3	55.5
07:50 AM - 07:55 AM	57.3	55.6	10:30 AM - 10:35 AM	57.8	56.9	01:10 PM - 01:15 PM	57.2	55.3
07:55 AM - 08:00 AM	57.0	55.2	10:35 AM - 10:40 AM	57.8	56.5	01:15 PM - 01:20 PM	57.8	56.1
08:00 AM - 08:05 AM	56.4	55.1	10:40 AM - 10:45 AM	57.9	56.3	01:20 PM - 01:25 PM	57.6	56.1
08:05 AM - 08:10 AM	57.3	55.6	10:45 AM - 10:50 AM	58.2	56.1	01:25 PM - 01:30 PM	56.9	55.4
08:10 AM - 08:15 AM	58.3	56.9	10:50 AM - 10:55 AM	58.8	57.4	01:30 PM - 01:35 PM	57.0	55.4
08:15 AM - 08:20 AM	58.1	57.1	10:55 AM - 11:00 AM	58.3	56.5	01:35 PM - 01:40 PM	58.5	56.8
08:20 AM - 08:25 AM	58.5	57.4	11:00 AM - 11:05 AM	58.2	56.7	01:40 PM - 01:45 PM	57.5	55.5
08:25 AM - 08:30 AM	57.8	56.5	11:05 AM - 11:10 AM	58.2	56.2	01:45 PM - 01:50 PM	58.1	56.1
08:30 AM - 08:35 AM	57.6	56.1	11:10 AM - 11:15 AM	58.0	56.5	01:50 PM - 01:55 PM	56.2	54.6
08:35 AM - 08:40 AM	57.8	56.5	11:15 AM - 11:20 AM	58.1	56.2	01:55 PM - 02:00 PM	56.6	54.6
08:40 AM - 08:45 AM	57.4	55.9	11:20 AM - 11:25 AM	58.4	57.2	02:00 PM - 02:05 PM	57.3	55.3
08:45 AM - 08:50 AM	57.6	56.3	11:25 AM - 11:30 AM	58.3	56.5	02:05 PM - 02:10 PM	58.0	56.1
08:50 AM - 08:55 AM	58.3	57.0	11:30 AM - 11:35 AM	58.0	56.9	02:10 PM - 02:15 PM	58.6	56.5
08:55 AM - 09:00 AM	58.1	56.6	11:35 AM - 11:40 AM	57.8	56.7	02:15 PM - 02:20 PM	57.3	55.9
09:00 AM - 09:05 AM	58.1	56.7	11:40 AM - 11:45 AM	58.1	56.4	02:20 PM - 02:25 PM	57.4	55.6
09:05 AM - 09:10 AM	58.2	57.2	11:45 AM - 11:50 AM	57.2	56.1	02:25 PM - 02:30 PM	56.6	55.0
09:10 AM - 09:15 AM	57.4	56.1	11:50 AM - 11:55 AM	58.0	56.7	02:30 PM - 02:35 PM	57.4	55.9
09:15 AM - 09:20 AM	57.9	57.0	11:55 AM - 12:00 PM	58.4	56.9	02:35 PM - 02:40 PM	57.8	56.3
09:20 AM - 09:25 AM	58.4	56.9	12:00 PM - 12:05 PM	57.4	55.9	02:40 PM - 02:45 PM	58.0	56.4
09:25 AM - 09:30 AM	58.4	57.1	12:05 PM - 12:10 PM	58.5	57.2	02:45 PM - 02:50 PM	58.7	56.2
09:30 AM - 09:35 AM	59.2	58.1	12:10 PM - 12:15 PM	57.9	56.5	02:50 PM - 02:55 PM	58.8	56.9
09:35 AM - 09:40 AM	58.2	57.0	12:15 PM - 12:20 PM	57.2	55.7	02:55 PM - 03:00 PM	58.0	56.1

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331480-1

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Sample Number : 2244227-7
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 29 - May 30, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 29, 2022 Time	Leq dB(A)	L90 dB(A)	May 29, 2022 Time	Leq dB(A)	L90 dB(A)	May 29, 2022 Time	Leq dB(A)	L90 dB(A)
03:00 PM - 03:05 PM	58.6	56.7	05:40 PM - 05:45 PM	61.0	60.2	08:20 PM - 08:25 PM	58.0	57.0
03:05 PM - 03:10 PM	57.8	55.1	05:45 PM - 05:50 PM	60.5	59.7	08:25 PM - 08:30 PM	58.7	57.7
03:10 PM - 03:15 PM	57.1	55.4	05:50 PM - 05:55 PM	60.7	59.6	08:30 PM - 08:35 PM	58.7	57.9
03:15 PM - 03:20 PM	57.4	55.7	05:55 PM - 06:00 PM	59.8	58.7	08:35 PM - 08:40 PM	59.2	57.7
03:20 PM - 03:25 PM	57.4	55.6	06:00 PM - 06:05 PM	58.1	57.2	08:40 PM - 08:45 PM	58.4	57.5
03:25 PM - 03:30 PM	58.1	56.2	06:05 PM - 06:10 PM	57.6	56.7	08:45 PM - 08:50 PM	58.4	57.5
03:30 PM - 03:35 PM	58.6	56.9	06:10 PM - 06:15 PM	57.8	56.4	08:50 PM - 08:55 PM	58.5	57.7
03:35 PM - 03:40 PM	59.4	57.7	06:15 PM - 06:20 PM	57.0	55.8	08:55 PM - 09:00 PM	58.4	57.5
03:40 PM - 03:45 PM	58.5	56.8	06:20 PM - 06:25 PM	58.0	57.0	09:00 PM - 09:05 PM	58.6	57.8
03:45 PM - 03:50 PM	57.5	56.1	06:25 PM - 06:30 PM	58.0	56.4	09:05 PM - 09:10 PM	58.6	57.6
03:50 PM - 03:55 PM	57.0	55.6	06:30 PM - 06:35 PM	57.7	56.2	09:10 PM - 09:15 PM	58.8	57.6
03:55 PM - 04:00 PM	57.7	56.0	06:35 PM - 06:40 PM	57.6	56.6	09:15 PM - 09:20 PM	58.8	57.7
04:00 PM - 04:05 PM	57.0	55.5	06:40 PM - 06:45 PM	57.9	56.9	09:20 PM - 09:25 PM	59.0	58.0
04:05 PM - 04:10 PM	56.1	54.7	06:45 PM - 06:50 PM	58.1	57.2	09:25 PM - 09:30 PM	58.9	57.8
04:10 PM - 04:15 PM	55.5	53.9	06:50 PM - 06:55 PM	58.3	56.9	09:30 PM - 09:35 PM	59.0	58.0
04:15 PM - 04:20 PM	54.8	53.3	06:55 PM - 07:00 PM	57.9	56.7	09:35 PM - 09:40 PM	59.0	58.0
04:20 PM - 04:25 PM	55.7	54.1	07:00 PM - 07:05 PM	62.7	56.8	09:40 PM - 09:45 PM	58.8	57.7
04:25 PM - 04:30 PM	56.3	54.9	07:05 PM - 07:10 PM	58.1	56.7	09:45 PM - 09:50 PM	58.4	57.5
04:30 PM - 04:35 PM	55.7	54.5	07:10 PM - 07:15 PM	58.3	56.9	09:50 PM - 09:55 PM	58.7	57.7
04:35 PM - 04:40 PM	55.6	54.3	07:15 PM - 07:20 PM	58.1	57.0	09:55 PM - 10:00 PM	58.6	57.6
04:40 PM - 04:45 PM	60.1	54.6	07:20 PM - 07:25 PM	59.4	56.9	10:00 PM - 10:05 PM	58.8	57.8
04:45 PM - 04:50 PM	60.0	55.0	07:25 PM - 07:30 PM	58.6	57.6	10:05 PM - 10:10 PM	58.6	57.7
04:50 PM - 04:55 PM	55.6	54.4	07:30 PM - 07:35 PM	59.0	57.8	10:10 PM - 10:15 PM	58.4	57.5
04:55 PM - 05:00 PM	55.9	54.2	07:35 PM - 07:40 PM	58.0	56.9	10:15 PM - 10:20 PM	58.5	57.5
05:00 PM - 05:05 PM	56.2	54.7	07:40 PM - 07:45 PM	58.2	57.2	10:20 PM - 10:25 PM	58.7	57.7
05:05 PM - 05:10 PM	56.2	54.9	07:45 PM - 07:50 PM	58.4	57.5	10:25 PM - 10:30 PM	58.5	57.4
05:10 PM - 05:15 PM	56.0	54.8	07:50 PM - 07:55 PM	58.3	57.2	10:30 PM - 10:35 PM	58.9	57.8
05:15 PM - 05:20 PM	56.3	55.0	07:55 PM - 08:00 PM	58.2	57.3	10:35 PM - 10:40 PM	58.7	57.6
05:20 PM - 05:25 PM	57.8	55.9	08:00 PM - 08:05 PM	58.3	57.3	10:40 PM - 10:45 PM	58.9	57.9
05:25 PM - 05:30 PM	58.8	57.3	08:05 PM - 08:10 PM	58.2	57.5	10:45 PM - 10:50 PM	58.9	57.8
05:30 PM - 05:35 PM	59.9	59.1	08:10 PM - 08:15 PM	58.1	57.1	10:50 PM - 10:55 PM	58.7	57.7
05:35 PM - 05:40 PM	60.3	59.6	08:15 PM - 08:20 PM	58.3	57.2	10:55 PM - 11:00 PM	58.5	57.6

Approved by

Sarayuth Jittrantont
Assistant General Manager

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331480-1

Page 2 of 3

Sample Number : 2244227-7
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม 1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 29 - May 30, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 29 - May 30, 2022	Leq	L90	May 30, 2022	Leq	L90	May 30, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
11:00 PM - 11:05 PM	58.7	57.8	01:40 AM - 01:45 AM	61.5	56.6	04:20 AM - 04:25 AM	57.6	56.7
11:05 PM - 11:10 PM	58.9	57.9	01:45 AM - 01:50 AM	57.4	56.6	04:25 AM - 04:30 AM	57.6	57.0
11:10 PM - 11:15 PM	59.2	58.1	01:50 AM - 01:55 AM	57.4	56.5	04:30 AM - 04:35 AM	57.8	57.2
11:15 PM - 11:20 PM	59.2	58.4	01:55 AM - 02:00 AM	57.2	56.2	04:35 AM - 04:40 AM	57.9	57.4
11:20 PM - 11:25 PM	60.2	58.9	02:00 AM - 02:05 AM	57.8	56.9	04:40 AM - 04:45 AM	57.5	56.9
11:25 PM - 11:30 PM	61.5	60.7	02:05 AM - 02:10 AM	58.5	56.9	04:45 AM - 04:50 AM	57.2	56.7
11:30 PM - 11:35 PM	61.3	59.2	02:10 AM - 02:15 AM	60.9	57.6	04:50 AM - 04:55 AM	57.3	56.7
11:35 PM - 11:40 PM	59.7	58.5	02:15 AM - 02:20 AM	57.6	56.9	04:55 AM - 05:00 AM	57.6	57.0
11:40 PM - 11:45 PM	59.5	58.3	02:20 AM - 02:25 AM	57.5	56.8	05:00 AM - 05:05 AM	57.5	56.8
11:45 PM - 11:50 PM	59.3	58.5	02:25 AM - 02:30 AM	59.7	56.9	05:05 AM - 05:10 AM	58.2	57.5
11:50 PM - 11:55 PM	58.5	57.3	02:30 AM - 02:35 AM	57.5	57.0	05:10 AM - 05:15 AM	57.9	57.3
11:55 PM - 12:00 AM	58.5	57.6	02:35 AM - 02:40 AM	60.1	57.4	05:15 AM - 05:20 AM	57.8	57.2
12:00 AM - 12:05 AM	58.6	57.2	02:40 AM - 02:45 AM	60.7	59.6	05:20 AM - 05:25 AM	62.5	56.9
12:05 AM - 12:10 AM	57.8	56.9	02:45 AM - 02:50 AM	59.7	58.5	05:25 AM - 05:30 AM	57.8	57.1
12:10 AM - 12:15 AM	57.5	56.4	02:50 AM - 02:55 AM	58.6	57.7	05:30 AM - 05:35 AM	57.8	57.0
12:15 AM - 12:20 AM	57.7	56.8	02:55 AM - 03:00 AM	58.0	57.4	05:35 AM - 05:40 AM	57.5	56.9
12:20 AM - 12:25 AM	57.4	56.4	03:00 AM - 03:05 AM	57.4	56.7	05:40 AM - 05:45 AM	57.7	56.9
12:25 AM - 12:30 AM	58.5	56.9	03:05 AM - 03:10 AM	57.8	57.2	05:45 AM - 05:50 AM	58.0	57.2
12:30 AM - 12:35 AM	57.6	56.4	03:10 AM - 03:15 AM	58.0	57.3	05:50 AM - 05:55 AM	58.0	57.3
12:35 AM - 12:40 AM	57.6	56.6	03:15 AM - 03:20 AM	58.3	57.6	05:55 AM - 06:00 AM	58.2	57.6
12:40 AM - 12:45 AM	57.9	56.6	03:20 AM - 03:25 AM	58.1	57.4	06:00 AM - 06:05 AM	58.3	57.2
12:45 AM - 12:50 AM	59.1	57.0	03:25 AM - 03:30 AM	57.6	56.9	06:05 AM - 06:10 AM	57.9	57.2
12:50 AM - 12:55 AM	57.6	56.8	03:30 AM - 03:35 AM	57.5	57.0	06:10 AM - 06:15 AM	58.0	57.1
12:55 AM - 01:00 AM	58.7	57.3	03:35 AM - 03:40 AM	57.5	57.0	06:15 AM - 06:20 AM	57.6	56.8
01:00 AM - 01:05 AM	59.9	58.2	03:40 AM - 03:45 AM	58.3	57.7	06:20 AM - 06:25 AM	57.8	56.9
01:05 AM - 01:10 AM	58.5	56.9	03:45 AM - 03:50 AM	57.8	57.3	06:25 AM - 06:30 AM	57.4	56.7
01:10 AM - 01:15 AM	58.2	56.7	03:50 AM - 03:55 AM	57.7	57.2	06:30 AM - 06:35 AM	57.5	56.8
01:15 AM - 01:20 AM	57.7	56.3	03:55 AM - 04:00 AM	57.8	57.1	06:35 AM - 06:40 AM	57.5	56.7
01:20 AM - 01:25 AM	57.8	56.6	04:00 AM - 04:05 AM	57.4	56.8	06:40 AM - 06:45 AM	57.5	56.6
01:25 AM - 01:30 AM	57.8	57.0	04:05 AM - 04:10 AM	57.7	57.0	06:45 AM - 06:50 AM	57.6	56.5
01:30 AM - 01:35 AM	58.2	56.9	04:10 AM - 04:15 AM	58.0	57.4	06:50 AM - 06:55 AM	57.5	56.8
01:35 AM - 01:40 AM	58.3	57.0	04:15 AM - 04:20 AM	57.8	57.1	06:55 AM - 07:00 AM	58.7	56.8

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331480-1

Page 3 of 3

Sample Number : 2244227-7
Parameter : Noise Level (Leq 5 min)
Location : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม1 ด้านทิศใต้ (GPS 48P 0196368, 1652272)
Measurement Date : May 29 - May 30, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709777

May 30, 2022 Time	Leq dB(A)	L90 dB(A)	May 30, 2022 Time	Leq dB(A)	L90 dB(A)	May 30, 2022 Time	Leq dB(A)	L90 dB(A)
07:00 AM - 07:05 AM	57.7	56.7	09:40 AM - 09:45 AM	60.7	59.4	12:20 PM - 12:25 PM	58.1	56.9
07:05 AM - 07:10 AM	58.2	56.6	09:45 AM - 09:50 AM	59.7	58.8	12:25 PM - 12:30 PM	57.7	56.7
07:10 AM - 07:15 AM	57.8	56.8	09:50 AM - 09:55 AM	60.1	59.0	12:30 PM - 12:35 PM	58.7	57.1
07:15 AM - 07:20 AM	58.3	57.1	09:55 AM - 10:00 AM	60.5	59.1	12:35 PM - 12:40 PM	58.7	57.4
07:20 AM - 07:25 AM	58.9	57.2	10:00 AM - 10:05 AM	60.0	58.3	12:40 PM - 12:45 PM	59.3	58.3
07:25 AM - 07:30 AM	59.3	58.4	10:05 AM - 10:10 AM	60.1	58.7	12:45 PM - 12:50 PM	57.7	56.5
07:30 AM - 07:35 AM	61.1	58.8	10:10 AM - 10:15 AM	60.4	59.3	12:50 PM - 12:55 PM	59.3	57.5
07:35 AM - 07:40 AM	62.2	61.3	10:15 AM - 10:20 AM	60.2	59.0	12:55 PM - 01:00 PM	60.3	58.8
07:40 AM - 07:45 AM	61.8	60.9	10:20 AM - 10:25 AM	60.8	59.6	01:00 PM - 01:05 PM	59.1	57.8
07:45 AM - 07:50 AM	62.0	61.0	10:25 AM - 10:30 AM	62.3	59.5	01:05 PM - 01:10 PM	59.1	57.8
07:50 AM - 07:55 AM	62.0	61.0	10:30 AM - 10:35 AM	59.2	57.3	01:10 PM - 01:15 PM	59.0	57.5
07:55 AM - 08:00 AM	62.4	61.4	10:35 AM - 10:40 AM	59.4	57.5	01:15 PM - 01:20 PM	60.4	58.8
08:00 AM - 08:05 AM	61.4	60.1	10:40 AM - 10:45 AM	60.9	59.4	01:20 PM - 01:25 PM	59.5	58.3
08:05 AM - 08:10 AM	61.2	59.7	10:45 AM - 10:50 AM	61.1	59.5	01:25 PM - 01:30 PM	59.2	58.2
08:10 AM - 08:15 AM	60.9	59.5	10:50 AM - 10:55 AM	60.8	59.4	01:30 PM - 01:35 PM	59.9	58.6
08:15 AM - 08:20 AM	60.9	59.4	10:55 AM - 11:00 AM	59.8	58.6	01:35 PM - 01:40 PM	59.2	57.8
08:20 AM - 08:25 AM	61.3	59.9	11:00 AM - 11:05 AM	59.8	58.3	01:40 PM - 01:45 PM	59.6	58.4
08:25 AM - 08:30 AM	61.0	59.4	11:05 AM - 11:10 AM	59.5	58.0	01:45 PM - 01:50 PM	59.5	58.1
08:30 AM - 08:35 AM	60.5	59.2	11:10 AM - 11:15 AM	59.9	57.9	01:50 PM - 01:55 PM	59.7	57.9
08:35 AM - 08:40 AM	60.2	58.9	11:15 AM - 11:20 AM	60.5	59.3	01:55 PM - 02:00 PM	60.1	58.4
08:40 AM - 08:45 AM	60.9	59.5	11:20 AM - 11:25 AM	60.4	59.1	02:00 PM - 02:05 PM	60.0	58.5
08:45 AM - 08:50 AM	60.7	59.5	11:25 AM - 11:30 AM	58.3	56.9	02:05 PM - 02:10 PM	59.6	58.1
08:50 AM - 08:55 AM	60.7	59.5	11:30 AM - 11:35 AM	58.2	57.2	02:10 PM - 02:15 PM	59.6	58.4
08:55 AM - 09:00 AM	61.0	59.9	11:35 AM - 11:40 AM	59.3	56.3	02:15 PM - 02:20 PM	60.3	59.1
09:00 AM - 09:05 AM	60.5	59.0	11:40 AM - 11:45 AM	60.8	59.2	02:20 PM - 02:25 PM	65.3	57.7
09:05 AM - 09:10 AM	61.0	59.5	11:45 AM - 11:50 AM	59.9	58.6	02:25 PM - 02:30 PM	60.9	59.4
09:10 AM - 09:15 AM	60.7	59.5	11:50 AM - 11:55 AM	60.3	59.1	02:30 PM - 02:35 PM	61.1	59.5
09:15 AM - 09:20 AM	61.4	60.2	11:55 AM - 12:00 PM	59.7	58.4	02:35 PM - 02:40 PM	60.6	59.1
09:20 AM - 09:25 AM	60.2	59.1	12:00 PM - 12:05 PM	58.4	57.2	02:40 PM - 02:45 PM	60.7	59.3
09:25 AM - 09:30 AM	60.7	59.4	12:05 PM - 12:10 PM	59.1	57.8	02:45 PM - 02:50 PM	60.2	59.0
09:30 AM - 09:35 AM	60.6	59.1	12:10 PM - 12:15 PM	58.8	57.3	02:50 PM - 02:55 PM	60.8	59.6
09:35 AM - 09:40 AM	60.7	59.3	12:15 PM - 12:20 PM	59.0	57.8	02:55 PM - 03:00 PM	62.3	59.5

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331481-1

Page 1 of 3

Sample Number : 2244227-8
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเวียง 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 23 - May 24, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 23, 2022	Leq	L90	May 23, 2022	Leq	L90	May 23, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
02:00 PM - 02:05 PM	46.0	41.6	04:40 PM - 04:45 PM	47.2	43.1	07:20 PM - 07:25 PM	47.5	44.4
02:05 PM - 02:10 PM	46.9	40.3	04:45 PM - 04:50 PM	45.8	41.7	07:25 PM - 07:30 PM	48.2	45.3
02:10 PM - 02:15 PM	45.1	42.4	04:50 PM - 04:55 PM	45.4	41.7	07:30 PM - 07:35 PM	48.1	44.8
02:15 PM - 02:20 PM	45.8	41.2	04:55 PM - 05:00 PM	48.9	43.7	07:35 PM - 07:40 PM	47.1	44.8
02:20 PM - 02:25 PM	45.9	41.7	05:00 PM - 05:05 PM	47.7	44.7	07:40 PM - 07:45 PM	46.5	44.2
02:25 PM - 02:30 PM	45.9	43.0	05:05 PM - 05:10 PM	51.2	44.9	07:45 PM - 07:50 PM	46.1	44.0
02:30 PM - 02:35 PM	45.2	42.0	05:10 PM - 05:15 PM	50.6	44.1	07:50 PM - 07:55 PM	46.3	43.5
02:35 PM - 02:40 PM	47.9	42.8	05:15 PM - 05:20 PM	48.2	44.6	07:55 PM - 08:00 PM	47.7	43.4
02:40 PM - 02:45 PM	45.3	40.6	05:20 PM - 05:25 PM	46.5	43.3	08:00 PM - 08:05 PM	46.3	44.4
02:45 PM - 02:50 PM	46.4	41.5	05:25 PM - 05:30 PM	50.1	44.6	08:05 PM - 08:10 PM	49.4	45.0
02:50 PM - 02:55 PM	46.3	41.6	05:30 PM - 05:35 PM	48.7	44.8	08:10 PM - 08:15 PM	48.8	45.7
02:55 PM - 03:00 PM	47.6	41.4	05:35 PM - 05:40 PM	47.4	43.8	08:15 PM - 08:20 PM	48.3	44.9
03:00 PM - 03:05 PM	45.8	41.4	05:40 PM - 05:45 PM	47.0	44.3	08:20 PM - 08:25 PM	50.7	44.7
03:05 PM - 03:10 PM	46.0	41.6	05:45 PM - 05:50 PM	54.4	43.7	08:25 PM - 08:30 PM	52.5	44.4
03:10 PM - 03:15 PM	45.8	42.6	05:50 PM - 05:55 PM	50.4	43.1	08:30 PM - 08:35 PM	45.6	43.9
03:15 PM - 03:20 PM	46.2	41.7	05:55 PM - 06:00 PM	46.6	43.0	08:35 PM - 08:40 PM	47.2	44.3
03:20 PM - 03:25 PM	45.3	41.6	06:00 PM - 06:05 PM	46.7	43.3	08:40 PM - 08:45 PM	48.1	44.3
03:25 PM - 03:30 PM	46.1	41.0	06:05 PM - 06:10 PM	46.7	42.3	08:45 PM - 08:50 PM	48.1	43.9
03:30 PM - 03:35 PM	48.7	42.3	06:10 PM - 06:15 PM	49.3	42.7	08:50 PM - 08:55 PM	47.1	43.6
03:35 PM - 03:40 PM	46.0	40.7	06:15 PM - 06:20 PM	49.4	42.2	08:55 PM - 09:00 PM	46.3	43.0
03:40 PM - 03:45 PM	49.5	42.3	06:20 PM - 06:25 PM	54.2	43.4	09:00 PM - 09:05 PM	45.0	43.3
03:45 PM - 03:50 PM	46.4	43.4	06:25 PM - 06:30 PM	51.2	43.1	09:05 PM - 09:10 PM	45.4	42.5
03:50 PM - 03:55 PM	46.0	42.4	06:30 PM - 06:35 PM	51.2	42.0	09:10 PM - 09:15 PM	44.2	42.1
03:55 PM - 04:00 PM	50.2	43.8	06:35 PM - 06:40 PM	50.0	42.2	09:15 PM - 09:20 PM	45.2	42.2
04:00 PM - 04:05 PM	48.8	41.6	06:40 PM - 06:45 PM	48.9	42.3	09:20 PM - 09:25 PM	42.9	41.6
04:05 PM - 04:10 PM	45.9	42.6	06:45 PM - 06:50 PM	47.6	42.4	09:25 PM - 09:30 PM	43.7	42.2
04:10 PM - 04:15 PM	47.1	43.1	06:50 PM - 06:55 PM	46.0	42.0	09:30 PM - 09:35 PM	43.6	42.1
04:15 PM - 04:20 PM	48.7	44.1	06:55 PM - 07:00 PM	45.7	42.2	09:35 PM - 09:40 PM	43.9	41.8
04:20 PM - 04:25 PM	48.1	43.9	07:00 PM - 07:05 PM	47.2	42.6	09:40 PM - 09:45 PM	42.5	41.6
04:25 PM - 04:30 PM	48.1	41.7	07:05 PM - 07:10 PM	45.3	42.0	09:45 PM - 09:50 PM	46.1	41.4
04:30 PM - 04:35 PM	48.9	43.8	07:10 PM - 07:15 PM	46.1	42.7	09:50 PM - 09:55 PM	43.3	40.8
04:35 PM - 04:40 PM	48.7	44.2	07:15 PM - 07:20 PM	47.7	44.0	09:55 PM - 10:00 PM	44.1	40.9

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331481-1

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Sample Number : 2244227-8
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเรียง 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 23 - May 24, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 23 - May 24, 2022	Leq	L90	May 24, 2022	Leq	L90	May 24, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	48.0	41.7	12:40 AM - 12:45 AM	41.3	39.7	03:20 AM - 03:25 AM	40.6	38.8
10:05 PM - 10:10 PM	45.5	43.3	12:45 AM - 12:50 AM	41.6	39.6	03:25 AM - 03:30 AM	41.3	39.1
10:10 PM - 10:15 PM	44.8	43.4	12:50 AM - 12:55 AM	44.3	39.4	03:30 AM - 03:35 AM	40.0	38.6
10:15 PM - 10:20 PM	44.5	43.1	12:55 AM - 01:00 AM	41.2	39.0	03:35 AM - 03:40 AM	41.2	38.9
10:20 PM - 10:25 PM	44.2	42.3	01:00 AM - 01:05 AM	39.7	38.5	03:40 AM - 03:45 AM	41.1	39.0
10:25 PM - 10:30 PM	43.7	42.5	01:05 AM - 01:10 AM	40.3	39.0	03:45 AM - 03:50 AM	40.9	38.3
10:30 PM - 10:35 PM	43.7	42.2	01:10 AM - 01:15 AM	40.6	39.3	03:50 AM - 03:55 AM	39.1	37.8
10:35 PM - 10:40 PM	42.9	41.3	01:15 AM - 01:20 AM	40.2	39.2	03:55 AM - 04:00 AM	39.0	37.5
10:40 PM - 10:45 PM	42.2	41.1	01:20 AM - 01:25 AM	40.0	38.9	04:00 AM - 04:05 AM	39.9	37.9
10:45 PM - 10:50 PM	44.3	40.8	01:25 AM - 01:30 AM	40.8	39.0	04:05 AM - 04:10 AM	42.8	37.6
10:50 PM - 10:55 PM	44.5	42.5	01:30 AM - 01:35 AM	40.1	38.9	04:10 AM - 04:15 AM	38.2	37.3
10:55 PM - 11:00 PM	44.8	42.8	01:35 AM - 01:40 AM	39.5	38.4	04:15 AM - 04:20 AM	38.4	37.1
11:00 PM - 11:05 PM	46.8	43.7	01:40 AM - 01:45 AM	39.6	38.6	04:20 AM - 04:25 AM	43.4	37.3
11:05 PM - 11:10 PM	45.8	44.1	01:45 AM - 01:50 AM	39.7	38.5	04:25 AM - 04:30 AM	47.4	38.8
11:10 PM - 11:15 PM	47.1	42.6	01:50 AM - 01:55 AM	40.4	38.9	04:30 AM - 04:35 AM	40.0	38.3
11:15 PM - 11:20 PM	48.6	44.1	01:55 AM - 02:00 AM	39.2	38.3	04:35 AM - 04:40 AM	40.2	37.6
11:20 PM - 11:25 PM	44.9	42.7	02:00 AM - 02:05 AM	41.3	38.8	04:40 AM - 04:45 AM	38.5	37.3
11:25 PM - 11:30 PM	45.7	43.3	02:05 AM - 02:10 AM	39.6	38.7	04:45 AM - 04:50 AM	39.8	37.9
11:30 PM - 11:35 PM	43.6	40.8	02:10 AM - 02:15 AM	40.0	38.6	04:50 AM - 04:55 AM	40.6	38.6
11:35 PM - 11:40 PM	45.5	41.5	02:15 AM - 02:20 AM	40.1	39.0	04:55 AM - 05:00 AM	44.0	38.8
11:40 PM - 11:45 PM	46.5	43.6	02:20 AM - 02:25 AM	40.2	39.1	05:00 AM - 05:05 AM	41.0	38.3
11:45 PM - 11:50 PM	47.0	40.3	02:25 AM - 02:30 AM	41.0	39.0	05:05 AM - 05:10 AM	46.7	39.5
11:50 PM - 11:55 PM	46.7	40.7	02:30 AM - 02:35 AM	39.3	38.1	05:10 AM - 05:15 AM	40.8	39.2
11:55 PM - 12:00 AM	41.9	40.4	02:35 AM - 02:40 AM	40.1	38.9	05:15 AM - 05:20 AM	46.0	40.7
12:00 AM - 12:05 AM	42.7	40.5	02:40 AM - 02:45 AM	40.3	38.7	05:20 AM - 05:25 AM	43.4	41.3
12:05 AM - 12:10 AM	44.0	40.4	02:45 AM - 02:50 AM	39.8	38.9	05:25 AM - 05:30 AM	46.8	41.7
12:10 AM - 12:15 AM	43.8	40.9	02:50 AM - 02:55 AM	40.9	39.3	05:30 AM - 05:35 AM	44.1	41.3
12:15 AM - 12:20 AM	42.7	40.1	02:55 AM - 03:00 AM	41.0	39.4	05:35 AM - 05:40 AM	44.5	41.9
12:20 AM - 12:25 AM	40.8	39.8	03:00 AM - 03:05 AM	40.2	39.2	05:40 AM - 05:45 AM	47.0	42.1
12:25 AM - 12:30 AM	41.0	39.8	03:05 AM - 03:10 AM	40.5	39.3	05:45 AM - 05:50 AM	45.5	42.7
12:30 AM - 12:35 AM	43.6	40.0	03:10 AM - 03:15 AM	39.4	38.5	05:50 AM - 05:55 AM	51.7	43.5
12:35 AM - 12:40 AM	42.0	40.4	03:15 AM - 03:20 AM	39.5	38.4	05:55 AM - 06:00 AM	46.2	42.3

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331481-1

Page 3 of 3

Sample Number : 2244227-8
Parameter : Noise Level (Leq 5 min)
Location : ขนขณด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเรียง 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 23 - May 24, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 24, 2022	Leq	L90	May 24, 2022	Leq	L90	May 24, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
06:00 AM - 06:05 AM	46.2	42.8	08:40 AM - 08:45 AM	45.4	39.7	11:20 AM - 11:25 AM	46.0	39.9
06:05 AM - 06:10 AM	48.6	43.7	08:45 AM - 08:50 AM	48.6	40.0	11:25 AM - 11:30 AM	46.2	39.2
06:10 AM - 06:15 AM	48.5	43.5	08:50 AM - 08:55 AM	41.9	39.7	11:30 AM - 11:35 AM	54.6	41.7
06:15 AM - 06:20 AM	49.4	44.6	08:55 AM - 09:00 AM	45.4	40.2	11:35 AM - 11:40 AM	46.9	39.2
06:20 AM - 06:25 AM	48.5	43.8	09:00 AM - 09:05 AM	46.0	39.6	11:40 AM - 11:45 AM	45.6	41.3
06:25 AM - 06:30 AM	48.4	44.5	09:05 AM - 09:10 AM	42.5	40.4	11:45 AM - 11:50 AM	46.0	41.1
06:30 AM - 06:35 AM	52.3	44.7	09:10 AM - 09:15 AM	50.0	40.3	11:50 AM - 11:55 AM	47.0	40.0
06:35 AM - 06:40 AM	48.5	43.9	09:15 AM - 09:20 AM	48.4	41.3	11:55 AM - 12:00 PM	42.8	38.2
06:40 AM - 06:45 AM	48.5	44.2	09:20 AM - 09:25 AM	44.8	39.5	12:00 PM - 12:05 PM	41.8	37.1
06:45 AM - 06:50 AM	49.9	44.2	09:25 AM - 09:30 AM	41.3	38.0	12:05 PM - 12:10 PM	46.5	39.4
06:50 AM - 06:55 AM	47.4	43.7	09:30 AM - 09:35 AM	45.5	39.4	12:10 PM - 12:15 PM	41.1	37.8
06:55 AM - 07:00 AM	46.3	43.6	09:35 AM - 09:40 AM	48.5	38.8	12:15 PM - 12:20 PM	44.4	38.3
07:00 AM - 07:05 AM	50.7	44.8	09:40 AM - 09:45 AM	43.2	37.9	12:20 PM - 12:25 PM	46.9	38.5
07:05 AM - 07:10 AM	48.9	44.8	09:45 AM - 09:50 AM	44.0	39.6	12:25 PM - 12:30 PM	43.0	39.2
07:10 AM - 07:15 AM	46.9	44.3	09:50 AM - 09:55 AM	44.6	39.0	12:30 PM - 12:35 PM	44.7	39.8
07:15 AM - 07:20 AM	49.9	45.3	09:55 AM - 10:00 AM	50.6	39.2	12:35 PM - 12:40 PM	44.6	41.0
07:20 AM - 07:25 AM	51.8	45.7	10:00 AM - 10:05 AM	48.2	37.4	12:40 PM - 12:45 PM	43.9	40.2
07:25 AM - 07:30 AM	50.5	46.1	10:05 AM - 10:10 AM	44.8	38.5	12:45 PM - 12:50 PM	45.6	39.7
07:30 AM - 07:35 AM	50.0	46.3	10:10 AM - 10:15 AM	42.5	38.5	12:50 PM - 12:55 PM	44.6	39.9
07:35 AM - 07:40 AM	50.5	46.0	10:15 AM - 10:20 AM	48.2	39.1	12:55 PM - 01:00 PM	43.5	38.0
07:40 AM - 07:45 AM	49.9	45.7	10:20 AM - 10:25 AM	46.5	37.6	01:00 PM - 01:05 PM	40.2	36.3
07:45 AM - 07:50 AM	53.6	43.3	10:25 AM - 10:30 AM	45.2	38.7	01:05 PM - 01:10 PM	42.6	37.7
07:50 AM - 07:55 AM	48.1	43.3	10:30 AM - 10:35 AM	41.6	38.2	01:10 PM - 01:15 PM	43.1	38.7
07:55 AM - 08:00 AM	45.1	40.6	10:35 AM - 10:40 AM	43.5	38.0	01:15 PM - 01:20 PM	42.8	39.4
08:00 AM - 08:05 AM	45.2	41.1	10:40 AM - 10:45 AM	45.3	37.7	01:20 PM - 01:25 PM	44.5	38.1
08:05 AM - 08:10 AM	46.8	42.0	10:45 AM - 10:50 AM	45.5	38.6	01:25 PM - 01:30 PM	43.2	39.5
08:10 AM - 08:15 AM	45.8	41.4	10:50 AM - 10:55 AM	42.2	39.1	01:30 PM - 01:35 PM	45.7	39.3
08:15 AM - 08:20 AM	44.0	39.4	10:55 AM - 11:00 AM	45.1	39.1	01:35 PM - 01:40 PM	45.7	36.8
08:20 AM - 08:25 AM	42.5	39.7	11:00 AM - 11:05 AM	62.4	39.3	01:40 PM - 01:45 PM	47.7	40.4
08:25 AM - 08:30 AM	44.3	40.2	11:05 AM - 11:10 AM	45.6	40.8	01:45 PM - 01:50 PM	50.1	38.3
08:30 AM - 08:35 AM	46.3	40.4	11:10 AM - 11:15 AM	61.1	41.6	01:50 PM - 01:55 PM	46.4	37.7
08:35 AM - 08:40 AM	44.6	39.1	11:15 AM - 11:20 AM	46.6	42.0	01:55 PM - 02:00 PM	44.6	36.9

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331482-1

Page 1 of 3

Sample Number : 2244227-9
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองกระเทียม 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 24 - May 25, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 24, 2022	Leq	L90	May 24, 2022	Leq	L90	May 24, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
02:00 PM - 02:05 PM	45.0	36.8	04:40 PM - 04:45 PM	49.5	45.1	07:20 PM - 07:25 PM	48.5	46.1
02:05 PM - 02:10 PM	47.0	39.2	04:45 PM - 04:50 PM	49.5	44.7	07:25 PM - 07:30 PM	48.6	45.6
02:10 PM - 02:15 PM	50.7	44.2	04:50 PM - 04:55 PM	51.3	43.9	07:30 PM - 07:35 PM	46.8	44.9
02:15 PM - 02:20 PM	48.1	43.9	04:55 PM - 05:00 PM	48.7	46.9	07:35 PM - 07:40 PM	48.6	45.6
02:20 PM - 02:25 PM	53.6	49.6	05:00 PM - 05:05 PM	52.3	47.0	07:40 PM - 07:45 PM	46.4	44.4
02:25 PM - 02:30 PM	53.0	49.1	05:05 PM - 05:10 PM	49.7	47.8	07:45 PM - 07:50 PM	46.2	43.7
02:30 PM - 02:35 PM	57.1	49.6	05:10 PM - 05:15 PM	50.8	46.8	07:50 PM - 07:55 PM	49.0	42.2
02:35 PM - 02:40 PM	62.8	54.1	05:15 PM - 05:20 PM	49.0	46.2	07:55 PM - 08:00 PM	45.7	42.4
02:40 PM - 02:45 PM	56.7	52.2	05:20 PM - 05:25 PM	49.7	46.6	08:00 PM - 08:05 PM	49.5	43.8
02:45 PM - 02:50 PM	55.4	51.6	05:25 PM - 05:30 PM	47.9	45.1	08:05 PM - 08:10 PM	49.4	46.0
02:50 PM - 02:55 PM	55.1	50.2	05:30 PM - 05:35 PM	48.4	46.1	08:10 PM - 08:15 PM	48.9	45.9
02:55 PM - 03:00 PM	47.9	44.1	05:35 PM - 05:40 PM	49.6	45.8	08:15 PM - 08:20 PM	49.2	45.1
03:00 PM - 03:05 PM	46.3	43.6	05:40 PM - 05:45 PM	48.6	45.7	08:20 PM - 08:25 PM	46.5	44.0
03:05 PM - 03:10 PM	45.2	43.4	05:45 PM - 05:50 PM	51.3	46.3	08:25 PM - 08:30 PM	46.6	42.7
03:10 PM - 03:15 PM	45.8	42.9	05:50 PM - 05:55 PM	49.0	44.1	08:30 PM - 08:35 PM	43.9	42.5
03:15 PM - 03:20 PM	45.6	43.4	05:55 PM - 06:00 PM	48.6	44.0	08:35 PM - 08:40 PM	50.5	42.7
03:20 PM - 03:25 PM	45.1	42.4	06:00 PM - 06:05 PM	51.6	45.0	08:40 PM - 08:45 PM	44.7	42.0
03:25 PM - 03:30 PM	45.5	42.2	06:05 PM - 06:10 PM	51.0	44.8	08:45 PM - 08:50 PM	44.1	42.6
03:30 PM - 03:35 PM	44.8	42.9	06:10 PM - 06:15 PM	49.4	44.1	08:50 PM - 08:55 PM	44.7	42.8
03:35 PM - 03:40 PM	45.8	42.5	06:15 PM - 06:20 PM	48.2	44.2	08:55 PM - 09:00 PM	46.5	41.5
03:40 PM - 03:45 PM	47.6	41.9	06:20 PM - 06:25 PM	49.6	44.9	09:00 PM - 09:05 PM	45.5	41.6
03:45 PM - 03:50 PM	46.3	43.0	06:25 PM - 06:30 PM	48.0	44.9	09:05 PM - 09:10 PM	43.7	41.4
03:50 PM - 03:55 PM	44.9	42.5	06:30 PM - 06:35 PM	49.0	45.1	09:10 PM - 09:15 PM	44.2	42.5
03:55 PM - 04:00 PM	44.7	41.7	06:35 PM - 06:40 PM	51.1	44.1	09:15 PM - 09:20 PM	45.2	42.7
04:00 PM - 04:05 PM	47.8	42.6	06:40 PM - 06:45 PM	53.1	43.8	09:20 PM - 09:25 PM	45.7	42.5
04:05 PM - 04:10 PM	49.6	43.7	06:45 PM - 06:50 PM	48.2	43.7	09:25 PM - 09:30 PM	44.7	42.0
04:10 PM - 04:15 PM	49.5	44.2	06:50 PM - 06:55 PM	45.4	43.0	09:30 PM - 09:35 PM	45.5	42.3
04:15 PM - 04:20 PM	47.0	44.2	06:55 PM - 07:00 PM	46.9	44.4	09:35 PM - 09:40 PM	46.5	41.5
04:20 PM - 04:25 PM	47.4	44.2	07:00 PM - 07:05 PM	45.9	43.4	09:40 PM - 09:45 PM	44.6	41.6
04:25 PM - 04:30 PM	48.0	42.5	07:05 PM - 07:10 PM	49.3	44.2	09:45 PM - 09:50 PM	42.2	41.4
04:30 PM - 04:35 PM	48.3	43.7	07:10 PM - 07:15 PM	48.8	45.6	09:50 PM - 09:55 PM	48.1	41.6
04:35 PM - 04:40 PM	50.6	43.7	07:15 PM - 07:20 PM	49.8	45.2	09:55 PM - 10:00 PM	44.6	42.1

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331482-1

Page 2 of 3

Sample Number : 2244227-9
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเวียง 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 24 - May 25, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 24 - May 25, 2022	Leq	L90	May 25, 2022	Leq	L90	May 25, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	44.5	42.4	12:40 AM - 12:45 AM	45.3	40.6	03:20 AM - 03:25 AM	38.4	37.5
10:05 PM - 10:10 PM	42.9	41.5	12:45 AM - 12:50 AM	42.4	39.2	03:25 AM - 03:30 AM	40.4	38.1
10:10 PM - 10:15 PM	43.0	41.3	12:50 AM - 12:55 AM	42.8	39.2	03:30 AM - 03:35 AM	38.8	37.3
10:15 PM - 10:20 PM	43.2	41.1	12:55 AM - 01:00 AM	40.3	38.4	03:35 AM - 03:40 AM	37.7	36.7
10:20 PM - 10:25 PM	46.3	42.0	01:00 AM - 01:05 AM	39.5	38.3	03:40 AM - 03:45 AM	38.9	37.1
10:25 PM - 10:30 PM	44.4	41.7	01:05 AM - 01:10 AM	39.1	38.2	03:45 AM - 03:50 AM	40.2	38.0
10:30 PM - 10:35 PM	43.1	41.2	01:10 AM - 01:15 AM	40.5	39.3	03:50 AM - 03:55 AM	39.9	37.8
10:35 PM - 10:40 PM	43.4	41.7	01:15 AM - 01:20 AM	40.5	39.1	03:55 AM - 04:00 AM	40.6	38.3
10:40 PM - 10:45 PM	42.6	41.5	01:20 AM - 01:25 AM	41.4	39.0	04:00 AM - 04:05 AM	41.5	38.9
10:45 PM - 10:50 PM	43.5	41.1	01:25 AM - 01:30 AM	40.1	38.8	04:05 AM - 04:10 AM	41.4	39.4
10:50 PM - 10:55 PM	43.4	41.2	01:30 AM - 01:35 AM	39.7	39.0	04:10 AM - 04:15 AM	41.4	39.1
10:55 PM - 11:00 PM	41.6	40.6	01:35 AM - 01:40 AM	39.5	38.8	04:15 AM - 04:20 AM	40.3	39.1
11:00 PM - 11:05 PM	43.5	41.5	01:40 AM - 01:45 AM	40.2	39.6	04:20 AM - 04:25 AM	42.2	39.2
11:05 PM - 11:10 PM	43.3	42.0	01:45 AM - 01:50 AM	43.0	40.0	04:25 AM - 04:30 AM	41.0	39.9
11:10 PM - 11:15 PM	42.6	41.2	01:50 AM - 01:55 AM	40.8	39.7	04:30 AM - 04:35 AM	41.5	39.4
11:15 PM - 11:20 PM	42.0	40.8	01:55 AM - 02:00 AM	40.1	38.9	04:35 AM - 04:40 AM	40.8	39.5
11:20 PM - 11:25 PM	44.5	40.8	02:00 AM - 02:05 AM	40.3	39.3	04:40 AM - 04:45 AM	40.6	39.3
11:25 PM - 11:30 PM	43.3	40.7	02:05 AM - 02:10 AM	40.2	39.1	04:45 AM - 04:50 AM	40.5	39.4
11:30 PM - 11:35 PM	42.2	40.8	02:10 AM - 02:15 AM	40.0	39.1	04:50 AM - 04:55 AM	41.7	40.3
11:35 PM - 11:40 PM	41.4	40.8	02:15 AM - 02:20 AM	41.3	39.3	04:55 AM - 05:00 AM	40.9	39.6
11:40 PM - 11:45 PM	42.5	40.9	02:20 AM - 02:25 AM	39.8	38.8	05:00 AM - 05:05 AM	41.3	39.8
11:45 PM - 11:50 PM	42.7	40.8	02:25 AM - 02:30 AM	39.7	38.8	05:05 AM - 05:10 AM	47.7	41.3
11:50 PM - 11:55 PM	42.6	40.7	02:30 AM - 02:35 AM	39.0	38.3	05:10 AM - 05:15 AM	43.7	41.1
11:55 PM - 12:00 AM	42.8	41.1	02:35 AM - 02:40 AM	39.9	38.5	05:15 AM - 05:20 AM	46.3	41.9
12:00 AM - 12:05 AM	43.1	41.4	02:40 AM - 02:45 AM	39.2	38.4	05:20 AM - 05:25 AM	46.0	41.6
12:05 AM - 12:10 AM	45.0	41.3	02:45 AM - 02:50 AM	39.8	38.2	05:25 AM - 05:30 AM	45.4	42.0
12:10 AM - 12:15 AM	41.8	40.9	02:50 AM - 02:55 AM	40.7	37.9	05:30 AM - 05:35 AM	44.7	41.5
12:15 AM - 12:20 AM	44.3	41.5	02:55 AM - 03:00 AM	38.4	37.7	05:35 AM - 05:40 AM	44.9	42.0
12:20 AM - 12:25 AM	42.0	41.0	03:00 AM - 03:05 AM	39.1	37.9	05:40 AM - 05:45 AM	47.2	42.9
12:25 AM - 12:30 AM	46.8	41.4	03:05 AM - 03:10 AM	38.8	37.8	05:45 AM - 05:50 AM	48.7	41.7
12:30 AM - 12:35 AM	44.3	41.0	03:10 AM - 03:15 AM	39.0	37.9	05:50 AM - 05:55 AM	44.6	42.5
12:35 AM - 12:40 AM	41.8	40.1	03:15 AM - 03:20 AM	38.4	37.3	05:55 AM - 06:00 AM	46.1	42.3

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331482-1

Page 3 of 3

Sample Number : 2244227-9
Parameter : Noise Level (Leq 5 min)
Location : ขนขณด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเรียง 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 24 - May 25, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 25, 2022 Time	Leq dB(A)	L90 dB(A)	May 25, 2022 Time	Leq dB(A)	L90 dB(A)	May 25, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 AM - 06:05 AM	46.9	42.5	08:40 AM - 08:45 AM	43.5	40.0	11:20 AM - 11:25 AM	44.0	37.7
06:05 AM - 06:10 AM	47.2	42.2	08:45 AM - 08:50 AM	48.0	40.8	11:25 AM - 11:30 AM	43.2	36.1
06:10 AM - 06:15 AM	47.0	43.6	08:50 AM - 08:55 AM	49.1	41.9	11:30 AM - 11:35 AM	40.9	35.8
06:15 AM - 06:20 AM	48.9	44.8	08:55 AM - 09:00 AM	47.2	41.4	11:35 AM - 11:40 AM	43.5	36.8
06:20 AM - 06:25 AM	49.5	45.2	09:00 AM - 09:05 AM	46.1	41.2	11:40 AM - 11:45 AM	42.2	37.4
06:25 AM - 06:30 AM	52.2	45.8	09:05 AM - 09:10 AM	43.7	40.4	11:45 AM - 11:50 AM	40.0	37.3
06:30 AM - 06:35 AM	48.3	44.7	09:10 AM - 09:15 AM	45.6	41.0	11:50 AM - 11:55 AM	41.5	36.3
06:35 AM - 06:40 AM	51.6	44.8	09:15 AM - 09:20 AM	52.2	41.8	11:55 AM - 12:00 PM	41.5	36.4
06:40 AM - 06:45 AM	49.0	44.4	09:20 AM - 09:25 AM	51.5	42.2	12:00 PM - 12:05 PM	44.7	35.9
06:45 AM - 06:50 AM	48.0	43.9	09:25 AM - 09:30 AM	49.0	40.0	12:05 PM - 12:10 PM	45.1	38.8
06:50 AM - 06:55 AM	49.9	43.2	09:30 AM - 09:35 AM	42.9	38.9	12:10 PM - 12:15 PM	40.9	35.9
06:55 AM - 07:00 AM	48.6	44.0	09:35 AM - 09:40 AM	43.8	39.4	12:15 PM - 12:20 PM	42.3	36.8
07:00 AM - 07:05 AM	51.5	43.6	09:40 AM - 09:45 AM	43.4	39.0	12:20 PM - 12:25 PM	42.1	37.5
07:05 AM - 07:10 AM	50.0	43.8	09:45 AM - 09:50 AM	45.0	39.6	12:25 PM - 12:30 PM	45.0	38.7
07:10 AM - 07:15 AM	47.9	44.9	09:50 AM - 09:55 AM	43.5	38.6	12:30 PM - 12:35 PM	46.6	39.3
07:15 AM - 07:20 AM	48.0	44.3	09:55 AM - 10:00 AM	45.2	39.8	12:35 PM - 12:40 PM	44.6	38.3
07:20 AM - 07:25 AM	49.4	44.2	10:00 AM - 10:05 AM	48.8	42.1	12:40 PM - 12:45 PM	42.4	37.4
07:25 AM - 07:30 AM	52.2	45.2	10:05 AM - 10:10 AM	46.8	40.2	12:45 PM - 12:50 PM	45.3	40.9
07:30 AM - 07:35 AM	51.1	45.2	10:10 AM - 10:15 AM	45.7	39.7	12:50 PM - 12:55 PM	47.4	41.5
07:35 AM - 07:40 AM	53.3	45.8	10:15 AM - 10:20 AM	55.1	44.5	12:55 PM - 01:00 PM	49.1	44.2
07:40 AM - 07:45 AM	48.5	44.8	10:20 AM - 10:25 AM	48.5	42.3	01:00 PM - 01:05 PM	46.6	40.3
07:45 AM - 07:50 AM	50.4	43.4	10:25 AM - 10:30 AM	48.7	42.6	01:05 PM - 01:10 PM	43.4	40.2
07:50 AM - 07:55 AM	46.0	42.2	10:30 AM - 10:35 AM	45.5	41.0	01:10 PM - 01:15 PM	44.0	39.0
07:55 AM - 08:00 AM	45.3	41.8	10:35 AM - 10:40 AM	44.8	40.5	01:15 PM - 01:20 PM	45.0	40.1
08:00 AM - 08:05 AM	44.7	40.8	10:40 AM - 10:45 AM	42.5	38.4	01:20 PM - 01:25 PM	50.8	38.9
08:05 AM - 08:10 AM	47.8	42.3	10:45 AM - 10:50 AM	45.7	38.7	01:25 PM - 01:30 PM	44.6	38.3
08:10 AM - 08:15 AM	48.0	42.0	10:50 AM - 10:55 AM	44.6	40.0	01:30 PM - 01:35 PM	42.7	39.1
08:15 AM - 08:20 AM	44.9	41.6	10:55 AM - 11:00 AM	42.3	39.5	01:35 PM - 01:40 PM	44.6	40.7
08:20 AM - 08:25 AM	44.0	40.3	11:00 AM - 11:05 AM	41.3	38.1	01:40 PM - 01:45 PM	48.7	42.0
08:25 AM - 08:30 AM	45.5	40.2	11:05 AM - 11:10 AM	43.1	38.0	01:45 PM - 01:50 PM	45.6	40.4
08:30 AM - 08:35 AM	42.5	40.1	11:10 AM - 11:15 AM	42.9	39.4	01:50 PM - 01:55 PM	50.7	43.9
08:35 AM - 08:40 AM	46.2	40.3	11:15 AM - 11:20 AM	44.6	38.1	01:55 PM - 02:00 PM	50.1	41.0

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331483-1

Page 1 of 3

Sample Number : 2244227-10
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองกระเรียง 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 25 - May 26, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 25, 2022 Time	Leq dB(A)	L90 dB(A)	May 25, 2022 Time	Leq dB(A)	L90 dB(A)	May 25, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 PM - 02:05 PM	49.8	39.7	04:40 PM - 04:45 PM	47.4	40.1	07:20 PM - 07:25 PM	48.5	45.5
02:05 PM - 02:10 PM	43.8	40.4	04:45 PM - 04:50 PM	46.5	40.3	07:25 PM - 07:30 PM	49.9	45.4
02:10 PM - 02:15 PM	44.4	41.0	04:50 PM - 04:55 PM	51.5	40.9	07:30 PM - 07:35 PM	48.9	45.2
02:15 PM - 02:20 PM	45.7	41.6	04:55 PM - 05:00 PM	47.1	40.8	07:35 PM - 07:40 PM	48.4	45.2
02:20 PM - 02:25 PM	45.6	40.5	05:00 PM - 05:05 PM	52.2	42.8	07:40 PM - 07:45 PM	46.9	44.4
02:25 PM - 02:30 PM	47.2	41.5	05:05 PM - 05:10 PM	48.5	43.1	07:45 PM - 07:50 PM	48.6	44.3
02:30 PM - 02:35 PM	46.7	42.3	05:10 PM - 05:15 PM	58.0	44.5	07:50 PM - 07:55 PM	46.7	43.4
02:35 PM - 02:40 PM	50.5	42.6	05:15 PM - 05:20 PM	48.2	43.7	07:55 PM - 08:00 PM	46.9	44.6
02:40 PM - 02:45 PM	46.6	42.5	05:20 PM - 05:25 PM	52.6	45.2	08:00 PM - 08:05 PM	49.4	44.8
02:45 PM - 02:50 PM	47.8	42.5	05:25 PM - 05:30 PM	49.5	43.1	08:05 PM - 08:10 PM	53.6	46.0
02:50 PM - 02:55 PM	44.9	41.5	05:30 PM - 05:35 PM	48.1	41.6	08:10 PM - 08:15 PM	50.2	45.5
02:55 PM - 03:00 PM	43.1	40.5	05:35 PM - 05:40 PM	46.3	40.8	08:15 PM - 08:20 PM	48.7	44.7
03:00 PM - 03:05 PM	45.3	41.0	05:40 PM - 05:45 PM	45.1	41.7	08:20 PM - 08:25 PM	46.6	43.8
03:05 PM - 03:10 PM	48.2	40.8	05:45 PM - 05:50 PM	47.9	41.5	08:25 PM - 08:30 PM	47.8	44.3
03:10 PM - 03:15 PM	44.4	39.5	05:50 PM - 05:55 PM	47.0	41.8	08:30 PM - 08:35 PM	47.4	43.8
03:15 PM - 03:20 PM	44.1	39.9	05:55 PM - 06:00 PM	48.3	41.6	08:35 PM - 08:40 PM	46.7	44.0
03:20 PM - 03:25 PM	43.2	39.9	06:00 PM - 06:05 PM	48.1	42.5	08:40 PM - 08:45 PM	45.2	42.9
03:25 PM - 03:30 PM	46.5	42.5	06:05 PM - 06:10 PM	49.7	43.6	08:45 PM - 08:50 PM	44.8	42.7
03:30 PM - 03:35 PM	44.2	41.9	06:10 PM - 06:15 PM	48.4	42.1	08:50 PM - 08:55 PM	45.7	42.7
03:35 PM - 03:40 PM	53.8	42.0	06:15 PM - 06:20 PM	46.1	41.6	08:55 PM - 09:00 PM	45.7	42.8
03:40 PM - 03:45 PM	48.7	41.7	06:20 PM - 06:25 PM	46.8	42.2	09:00 PM - 09:05 PM	44.7	43.0
03:45 PM - 03:50 PM	46.4	41.3	06:25 PM - 06:30 PM	46.8	42.6	09:05 PM - 09:10 PM	45.5	42.5
03:50 PM - 03:55 PM	44.2	40.4	06:30 PM - 06:35 PM	51.6	43.2	09:10 PM - 09:15 PM	43.5	42.1
03:55 PM - 04:00 PM	45.4	42.2	06:35 PM - 06:40 PM	47.6	43.2	09:15 PM - 09:20 PM	48.5	42.1
04:00 PM - 04:05 PM	43.8	40.8	06:40 PM - 06:45 PM	53.0	43.4	09:20 PM - 09:25 PM	46.6	42.0
04:05 PM - 04:10 PM	44.0	41.6	06:45 PM - 06:50 PM	53.5	43.8	09:25 PM - 09:30 PM	46.2	41.9
04:10 PM - 04:15 PM	47.5	43.3	06:50 PM - 06:55 PM	50.6	42.4	09:30 PM - 09:35 PM	43.8	42.2
04:15 PM - 04:20 PM	47.5	42.9	06:55 PM - 07:00 PM	46.8	43.1	09:35 PM - 09:40 PM	43.9	42.4
04:20 PM - 04:25 PM	46.2	42.6	07:00 PM - 07:05 PM	47.2	43.0	09:40 PM - 09:45 PM	44.5	42.2
04:25 PM - 04:30 PM	46.4	41.6	07:05 PM - 07:10 PM	49.7	43.3	09:45 PM - 09:50 PM	46.5	43.7
04:30 PM - 04:35 PM	42.7	39.1	07:10 PM - 07:15 PM	48.5	44.8	09:50 PM - 09:55 PM	46.1	44.0
04:35 PM - 04:40 PM	46.7	41.1	07:15 PM - 07:20 PM	49.0	44.9	09:55 PM - 10:00 PM	44.2	41.1

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331483-1

Page 2 of 3

Sample Number : 2244227-10
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเรียง 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 25 - May 26, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 25 - May 26, 2022	Leq	L90	May 26, 2022	Leq	L90	May 26, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	43.0	41.1	12:40 AM - 12:45 AM	42.5	39.9	03:20 AM - 03:25 AM	39.0	38.2
10:05 PM - 10:10 PM	44.8	41.8	12:45 AM - 12:50 AM	40.5	39.5	03:25 AM - 03:30 AM	40.0	38.0
10:10 PM - 10:15 PM	45.3	40.9	12:50 AM - 12:55 AM	42.1	39.3	03:30 AM - 03:35 AM	40.4	38.7
10:15 PM - 10:20 PM	44.1	41.7	12:55 AM - 01:00 AM	40.9	39.1	03:35 AM - 03:40 AM	41.5	39.0
10:20 PM - 10:25 PM	45.8	42.2	01:00 AM - 01:05 AM	39.8	38.6	03:40 AM - 03:45 AM	40.9	39.4
10:25 PM - 10:30 PM	42.8	41.3	01:05 AM - 01:10 AM	45.2	38.8	03:45 AM - 03:50 AM	40.5	39.5
10:30 PM - 10:35 PM	47.4	40.5	01:10 AM - 01:15 AM	39.8	38.9	03:50 AM - 03:55 AM	40.5	39.2
10:35 PM - 10:40 PM	43.6	41.6	01:15 AM - 01:20 AM	39.4	38.6	03:55 AM - 04:00 AM	40.2	39.1
10:40 PM - 10:45 PM	45.3	42.0	01:20 AM - 01:25 AM	41.2	39.0	04:00 AM - 04:05 AM	40.9	39.6
10:45 PM - 10:50 PM	43.6	41.4	01:25 AM - 01:30 AM	41.3	39.4	04:05 AM - 04:10 AM	39.7	38.6
10:50 PM - 10:55 PM	49.4	41.8	01:30 AM - 01:35 AM	40.9	39.7	04:10 AM - 04:15 AM	40.9	39.4
10:55 PM - 11:00 PM	42.7	40.9	01:35 AM - 01:40 AM	40.8	39.0	04:15 AM - 04:20 AM	40.5	39.7
11:00 PM - 11:05 PM	43.4	41.8	01:40 AM - 01:45 AM	39.7	38.6	04:20 AM - 04:25 AM	40.7	39.3
11:05 PM - 11:10 PM	42.8	41.9	01:45 AM - 01:50 AM	39.8	38.6	04:25 AM - 04:30 AM	41.2	39.9
11:10 PM - 11:15 PM	46.4	41.8	01:50 AM - 01:55 AM	40.7	39.7	04:30 AM - 04:35 AM	40.8	39.8
11:15 PM - 11:20 PM	42.7	41.2	01:55 AM - 02:00 AM	41.0	39.7	04:35 AM - 04:40 AM	41.7	40.2
11:20 PM - 11:25 PM	42.6	41.2	02:00 AM - 02:05 AM	40.4	39.6	04:40 AM - 04:45 AM	41.4	40.1
11:25 PM - 11:30 PM	42.5	41.2	02:05 AM - 02:10 AM	40.5	39.7	04:45 AM - 04:50 AM	42.0	40.3
11:30 PM - 11:35 PM	42.1	41.1	02:10 AM - 02:15 AM	40.5	39.5	04:50 AM - 04:55 AM	42.6	40.8
11:35 PM - 11:40 PM	42.3	41.2	02:15 AM - 02:20 AM	40.8	39.8	04:55 AM - 05:00 AM	42.8	41.3
11:40 PM - 11:45 PM	42.4	41.4	02:20 AM - 02:25 AM	41.2	39.6	05:00 AM - 05:05 AM	43.1	41.2
11:45 PM - 11:50 PM	41.3	40.6	02:25 AM - 02:30 AM	40.3	39.2	05:05 AM - 05:10 AM	44.7	40.8
11:50 PM - 11:55 PM	41.1	40.5	02:30 AM - 02:35 AM	40.3	39.2	05:10 AM - 05:15 AM	42.6	40.4
11:55 PM - 12:00 AM	41.7	40.8	02:35 AM - 02:40 AM	41.7	38.7	05:15 AM - 05:20 AM	42.9	40.3
12:00 AM - 12:05 AM	44.2	41.2	02:40 AM - 02:45 AM	43.2	39.1	05:20 AM - 05:25 AM	43.1	40.5
12:05 AM - 12:10 AM	44.0	41.1	02:45 AM - 02:50 AM	40.5	38.8	05:25 AM - 05:30 AM	46.7	40.2
12:10 AM - 12:15 AM	42.1	40.7	02:50 AM - 02:55 AM	41.5	38.4	05:30 AM - 05:35 AM	43.3	40.2
12:15 AM - 12:20 AM	42.5	40.5	02:55 AM - 03:00 AM	39.1	38.3	05:35 AM - 05:40 AM	45.5	41.6
12:20 AM - 12:25 AM	44.0	40.4	03:00 AM - 03:05 AM	38.7	37.8	05:40 AM - 05:45 AM	44.3	41.6
12:25 AM - 12:30 AM	44.1	40.8	03:05 AM - 03:10 AM	39.4	38.1	05:45 AM - 05:50 AM	45.7	42.3
12:30 AM - 12:35 AM	43.3	40.7	03:10 AM - 03:15 AM	39.4	38.2	05:50 AM - 05:55 AM	47.8	41.2
12:35 AM - 12:40 AM	42.1	40.4	03:15 AM - 03:20 AM	39.2	38.2	05:55 AM - 06:00 AM	51.4	42.4

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

Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331483-1

Page 3 of 3

Sample Number : 2244227-10
Parameter : Noise Level (Leq 5 min)
Location : ขนขณด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองกระเรียง 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 25 - May 26, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 26, 2022 Time	Leq dB(A)	L90 dB(A)	May 26, 2022 Time	Leq dB(A)	L90 dB(A)	May 26, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 AM - 06:05 AM	46.6	42.3	08:40 AM - 08:45 AM	45.0	41.3	11:20 AM - 11:25 AM	47.8	40.3
06:05 AM - 06:10 AM	46.6	42.7	08:45 AM - 08:50 AM	47.5	43.6	11:25 AM - 11:30 AM	51.1	42.2
06:10 AM - 06:15 AM	46.7	43.0	08:50 AM - 08:55 AM	53.8	43.2	11:30 AM - 11:35 AM	49.3	43.1
06:15 AM - 06:20 AM	48.1	44.2	08:55 AM - 09:00 AM	47.0	41.8	11:35 AM - 11:40 AM	48.4	44.4
06:20 AM - 06:25 AM	48.0	43.9	09:00 AM - 09:05 AM	50.6	43.6	11:40 AM - 11:45 AM	46.0	42.8
06:25 AM - 06:30 AM	48.9	44.5	09:05 AM - 09:10 AM	48.6	44.0	11:45 AM - 11:50 AM	45.3	40.9
06:30 AM - 06:35 AM	48.4	43.6	09:10 AM - 09:15 AM	49.0	43.3	11:50 AM - 11:55 AM	46.3	41.4
06:35 AM - 06:40 AM	48.4	44.4	09:15 AM - 09:20 AM	47.7	42.0	11:55 AM - 12:00 PM	43.9	39.6
06:40 AM - 06:45 AM	48.3	43.8	09:20 AM - 09:25 AM	50.0	45.3	12:00 PM - 12:05 PM	46.2	42.4
06:45 AM - 06:50 AM	50.1	43.0	09:25 AM - 09:30 AM	49.4	44.2	12:05 PM - 12:10 PM	50.6	43.4
06:50 AM - 06:55 AM	53.1	44.0	09:30 AM - 09:35 AM	53.6	45.3	12:10 PM - 12:15 PM	49.3	42.3
06:55 AM - 07:00 AM	50.2	43.2	09:35 AM - 09:40 AM	46.8	43.3	12:15 PM - 12:20 PM	48.8	44.1
07:00 AM - 07:05 AM	47.7	43.8	09:40 AM - 09:45 AM	47.1	42.3	12:20 PM - 12:25 PM	48.0	43.3
07:05 AM - 07:10 AM	50.3	44.1	09:45 AM - 09:50 AM	49.0	40.7	12:25 PM - 12:30 PM	45.3	42.0
07:10 AM - 07:15 AM	50.6	43.8	09:50 AM - 09:55 AM	43.1	39.7	12:30 PM - 12:35 PM	48.7	41.3
07:15 AM - 07:20 AM	52.1	45.3	09:55 AM - 10:00 AM	44.2	39.5	12:35 PM - 12:40 PM	47.2	40.2
07:20 AM - 07:25 AM	50.7	44.3	10:00 AM - 10:05 AM	44.3	41.6	12:40 PM - 12:45 PM	47.6	40.4
07:25 AM - 07:30 AM	50.9	44.9	10:05 AM - 10:10 AM	44.2	40.4	12:45 PM - 12:50 PM	55.0	45.4
07:30 AM - 07:35 AM	49.9	45.4	10:10 AM - 10:15 AM	43.1	39.6	12:50 PM - 12:55 PM	47.4	41.9
07:35 AM - 07:40 AM	52.5	46.2	10:15 AM - 10:20 AM	56.8	40.3	12:55 PM - 01:00 PM	56.1	42.5
07:40 AM - 07:45 AM	52.8	45.7	10:20 AM - 10:25 AM	43.5	39.8	01:00 PM - 01:05 PM	51.9	44.0
07:45 AM - 07:50 AM	50.4	43.3	10:25 AM - 10:30 AM	42.8	39.4	01:05 PM - 01:10 PM	58.1	40.6
07:50 AM - 07:55 AM	47.5	43.1	10:30 AM - 10:35 AM	48.7	42.8	01:10 PM - 01:15 PM	50.1	42.3
07:55 AM - 08:00 AM	46.7	41.8	10:35 AM - 10:40 AM	49.7	42.4	01:15 PM - 01:20 PM	44.2	39.8
08:00 AM - 08:05 AM	45.7	41.2	10:40 AM - 10:45 AM	44.1	40.6	01:20 PM - 01:25 PM	43.4	38.5
08:05 AM - 08:10 AM	49.5	43.5	10:45 AM - 10:50 AM	43.7	39.7	01:25 PM - 01:30 PM	43.2	39.3
08:10 AM - 08:15 AM	47.6	42.2	10:50 AM - 10:55 AM	43.7	39.9	01:30 PM - 01:35 PM	45.3	41.9
08:15 AM - 08:20 AM	45.3	41.6	10:55 AM - 11:00 AM	44.7	40.1	01:35 PM - 01:40 PM	48.8	38.0
08:20 AM - 08:25 AM	47.9	41.4	11:00 AM - 11:05 AM	42.6	40.0	01:40 PM - 01:45 PM	45.3	41.3
08:25 AM - 08:30 AM	59.3	41.8	11:05 AM - 11:10 AM	43.4	39.8	01:45 PM - 01:50 PM	48.5	39.3
08:30 AM - 08:35 AM	44.3	40.1	11:10 AM - 11:15 AM	49.9	40.8	01:50 PM - 01:55 PM	46.3	40.5
08:35 AM - 08:40 AM	47.3	40.3	11:15 AM - 11:20 AM	58.7	40.5	01:55 PM - 02:00 PM	44.4	40.1

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331484-1

Page 1 of 3

Sample Number : 2244227-11
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองกระเรียง 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 26 - May 27, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 26, 2022 Time	Leq dB(A)	L90 dB(A)	May 26, 2022 Time	Leq dB(A)	L90 dB(A)	May 26, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 PM - 02:05 PM	43.0	38.6	04:40 PM - 04:45 PM	45.3	40.3	07:20 PM - 07:25 PM	49.7	42.9
02:05 PM - 02:10 PM	44.0	40.0	04:45 PM - 04:50 PM	44.2	39.6	07:25 PM - 07:30 PM	46.2	43.7
02:10 PM - 02:15 PM	44.6	39.1	04:50 PM - 04:55 PM	42.2	38.4	07:30 PM - 07:35 PM	47.5	43.6
02:15 PM - 02:20 PM	46.8	41.3	04:55 PM - 05:00 PM	46.4	41.9	07:35 PM - 07:40 PM	47.0	43.6
02:20 PM - 02:25 PM	47.2	42.9	05:00 PM - 05:05 PM	48.9	42.6	07:40 PM - 07:45 PM	47.3	44.1
02:25 PM - 02:30 PM	45.8	39.9	05:05 PM - 05:10 PM	49.5	42.8	07:45 PM - 07:50 PM	45.6	43.6
02:30 PM - 02:35 PM	41.9	39.2	05:10 PM - 05:15 PM	48.4	44.0	07:50 PM - 07:55 PM	46.5	43.7
02:35 PM - 02:40 PM	43.1	39.6	05:15 PM - 05:20 PM	47.0	43.2	07:55 PM - 08:00 PM	45.2	42.9
02:40 PM - 02:45 PM	47.4	38.2	05:20 PM - 05:25 PM	48.3	43.4	08:00 PM - 08:05 PM	47.0	43.5
02:45 PM - 02:50 PM	42.7	38.2	05:25 PM - 05:30 PM	50.3	44.3	08:05 PM - 08:10 PM	47.5	44.2
02:50 PM - 02:55 PM	50.5	39.5	05:30 PM - 05:35 PM	47.9	42.0	08:10 PM - 08:15 PM	51.2	44.8
02:55 PM - 03:00 PM	43.7	39.2	05:35 PM - 05:40 PM	43.9	41.1	08:15 PM - 08:20 PM	45.8	43.7
03:00 PM - 03:05 PM	41.8	38.4	05:40 PM - 05:45 PM	47.4	40.9	08:20 PM - 08:25 PM	48.3	43.9
03:05 PM - 03:10 PM	43.4	38.9	05:45 PM - 05:50 PM	47.1	41.8	08:25 PM - 08:30 PM	45.7	43.4
03:10 PM - 03:15 PM	44.7	39.2	05:50 PM - 05:55 PM	46.7	41.5	08:30 PM - 08:35 PM	45.6	43.5
03:15 PM - 03:20 PM	45.8	40.1	05:55 PM - 06:00 PM	45.2	41.2	08:35 PM - 08:40 PM	49.0	43.8
03:20 PM - 03:25 PM	51.2	42.0	06:00 PM - 06:05 PM	52.4	41.6	08:40 PM - 08:45 PM	45.0	43.5
03:25 PM - 03:30 PM	44.2	39.7	06:05 PM - 06:10 PM	48.2	41.7	08:45 PM - 08:50 PM	46.5	43.3
03:30 PM - 03:35 PM	45.6	41.2	06:10 PM - 06:15 PM	45.1	40.3	08:50 PM - 08:55 PM	45.6	42.5
03:35 PM - 03:40 PM	43.4	39.1	06:15 PM - 06:20 PM	48.4	40.0	08:55 PM - 09:00 PM	46.1	43.1
03:40 PM - 03:45 PM	43.6	40.3	06:20 PM - 06:25 PM	47.8	41.9	09:00 PM - 09:05 PM	44.6	43.0
03:45 PM - 03:50 PM	43.3	39.9	06:25 PM - 06:30 PM	46.3	42.1	09:05 PM - 09:10 PM	45.1	42.9
03:50 PM - 03:55 PM	46.3	39.8	06:30 PM - 06:35 PM	48.9	42.2	09:10 PM - 09:15 PM	44.4	42.9
03:55 PM - 04:00 PM	43.1	39.1	06:35 PM - 06:40 PM	44.1	40.8	09:15 PM - 09:20 PM	46.5	42.7
04:00 PM - 04:05 PM	46.0	39.7	06:40 PM - 06:45 PM	52.5	42.1	09:20 PM - 09:25 PM	45.1	42.8
04:05 PM - 04:10 PM	42.7	39.4	06:45 PM - 06:50 PM	47.7	42.0	09:25 PM - 09:30 PM	45.2	42.7
04:10 PM - 04:15 PM	46.2	41.8	06:50 PM - 06:55 PM	44.6	41.5	09:30 PM - 09:35 PM	46.5	42.8
04:15 PM - 04:20 PM	47.0	40.5	06:55 PM - 07:00 PM	46.5	41.1	09:35 PM - 09:40 PM	48.0	42.7
04:20 PM - 04:25 PM	45.9	41.1	07:00 PM - 07:05 PM	46.1	40.8	09:40 PM - 09:45 PM	44.1	42.4
04:25 PM - 04:30 PM	47.9	40.9	07:05 PM - 07:10 PM	46.3	42.2	09:45 PM - 09:50 PM	43.7	42.2
04:30 PM - 04:35 PM	44.8	40.7	07:10 PM - 07:15 PM	45.9	42.1	09:50 PM - 09:55 PM	43.9	42.1
04:35 PM - 04:40 PM	44.1	41.3	07:15 PM - 07:20 PM	46.1	41.7	09:55 PM - 10:00 PM	43.9	41.9

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331484-1

Page 2 of 3

Sample Number : 2244227-11
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเรียง 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 26 - May 27, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 26 - May 27, 2022	Leq	L90	May 27, 2022	Leq	L90	May 27, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	43.9	41.7	12:40 AM - 12:45 AM	41.7	39.1	03:20 AM - 03:25 AM	42.0	38.9
10:05 PM - 10:10 PM	45.2	42.1	12:45 AM - 12:50 AM	40.3	39.1	03:25 AM - 03:30 AM	40.6	38.3
10:10 PM - 10:15 PM	44.0	41.9	12:50 AM - 12:55 AM	40.1	39.3	03:30 AM - 03:35 AM	41.3	38.9
10:15 PM - 10:20 PM	43.6	41.0	12:55 AM - 01:00 AM	44.3	39.1	03:35 AM - 03:40 AM	41.0	39.6
10:20 PM - 10:25 PM	41.1	40.2	01:00 AM - 01:05 AM	45.2	39.5	03:40 AM - 03:45 AM	40.1	38.5
10:25 PM - 10:30 PM	43.5	40.6	01:05 AM - 01:10 AM	45.9	39.5	03:45 AM - 03:50 AM	40.2	38.4
10:30 PM - 10:35 PM	43.7	40.9	01:10 AM - 01:15 AM	42.5	39.9	03:50 AM - 03:55 AM	41.8	39.4
10:35 PM - 10:40 PM	43.9	41.4	01:15 AM - 01:20 AM	40.5	39.6	03:55 AM - 04:00 AM	40.8	39.2
10:40 PM - 10:45 PM	45.6	42.4	01:20 AM - 01:25 AM	40.4	39.6	04:00 AM - 04:05 AM	41.5	39.7
10:45 PM - 10:50 PM	43.3	41.5	01:25 AM - 01:30 AM	40.8	39.6	04:05 AM - 04:10 AM	42.4	39.9
10:50 PM - 10:55 PM	46.9	41.6	01:30 AM - 01:35 AM	41.4	39.4	04:10 AM - 04:15 AM	40.3	38.6
10:55 PM - 11:00 PM	44.8	41.8	01:35 AM - 01:40 AM	40.8	39.4	04:15 AM - 04:20 AM	41.3	38.7
11:00 PM - 11:05 PM	44.6	42.9	01:40 AM - 01:45 AM	40.1	39.1	04:20 AM - 04:25 AM	42.3	38.9
11:05 PM - 11:10 PM	46.5	42.1	01:45 AM - 01:50 AM	41.3	39.3	04:25 AM - 04:30 AM	42.0	39.5
11:10 PM - 11:15 PM	43.1	41.7	01:50 AM - 01:55 AM	40.7	39.6	04:30 AM - 04:35 AM	46.6	40.6
11:15 PM - 11:20 PM	45.8	41.5	01:55 AM - 02:00 AM	40.7	39.3	04:35 AM - 04:40 AM	40.8	39.7
11:20 PM - 11:25 PM	43.5	41.4	02:00 AM - 02:05 AM	42.3	39.2	04:40 AM - 04:45 AM	42.0	40.5
11:25 PM - 11:30 PM	44.3	40.9	02:05 AM - 02:10 AM	42.1	39.7	04:45 AM - 04:50 AM	42.1	39.7
11:30 PM - 11:35 PM	43.0	41.3	02:10 AM - 02:15 AM	40.5	39.0	04:50 AM - 04:55 AM	43.0	40.7
11:35 PM - 11:40 PM	43.4	40.2	02:15 AM - 02:20 AM	39.6	38.7	04:55 AM - 05:00 AM	42.3	41.0
11:40 PM - 11:45 PM	41.9	40.2	02:20 AM - 02:25 AM	40.9	38.3	05:00 AM - 05:05 AM	42.4	40.5
11:45 PM - 11:50 PM	41.1	40.0	02:25 AM - 02:30 AM	40.2	38.6	05:05 AM - 05:10 AM	46.2	40.5
11:50 PM - 11:55 PM	41.5	39.9	02:30 AM - 02:35 AM	39.9	38.8	05:10 AM - 05:15 AM	45.9	40.7
11:55 PM - 12:00 AM	42.3	40.7	02:35 AM - 02:40 AM	40.1	38.9	05:15 AM - 05:20 AM	44.1	40.5
12:00 AM - 12:05 AM	41.7	40.4	02:40 AM - 02:45 AM	40.7	39.4	05:20 AM - 05:25 AM	42.8	40.1
12:05 AM - 12:10 AM	42.3	40.5	02:45 AM - 02:50 AM	41.2	39.9	05:25 AM - 05:30 AM	48.8	40.5
12:10 AM - 12:15 AM	41.7	40.3	02:50 AM - 02:55 AM	41.1	39.7	05:30 AM - 05:35 AM	45.4	41.5
12:15 AM - 12:20 AM	43.7	40.0	02:55 AM - 03:00 AM	40.7	39.1	05:35 AM - 05:40 AM	44.8	41.6
12:20 AM - 12:25 AM	41.0	39.7	03:00 AM - 03:05 AM	40.4	38.9	05:40 AM - 05:45 AM	49.9	41.9
12:25 AM - 12:30 AM	40.7	39.4	03:05 AM - 03:10 AM	40.1	38.6	05:45 AM - 05:50 AM	46.1	42.2
12:30 AM - 12:35 AM	40.3	39.1	03:10 AM - 03:15 AM	40.5	38.8	05:50 AM - 05:55 AM	46.1	41.6
12:35 AM - 12:40 AM	42.5	39.1	03:15 AM - 03:20 AM	41.9	39.2	05:55 AM - 06:00 AM	46.4	41.6

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331484-1

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Sample Number : 2244227-11
Parameter : Noise Level (Leq 5 min)
Location : ขนขณด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองกระเรียง 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 26 - May 27, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 27, 2022 Time	Leq dB(A)	L90 dB(A)	May 27, 2022 Time	Leq dB(A)	L90 dB(A)	May 27, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 AM - 06:05 AM	45.6	42.2	08:40 AM - 08:45 AM	45.1	41.0	11:20 AM - 11:25 AM	48.3	42.0
06:05 AM - 06:10 AM	47.4	43.2	08:45 AM - 08:50 AM	44.8	42.0	11:25 AM - 11:30 AM	45.3	41.2
06:10 AM - 06:15 AM	47.3	44.1	08:50 AM - 08:55 AM	44.5	40.0	11:30 AM - 11:35 AM	46.9	42.0
06:15 AM - 06:20 AM	49.6	43.6	08:55 AM - 09:00 AM	44.1	40.5	11:35 AM - 11:40 AM	49.0	41.8
06:20 AM - 06:25 AM	50.2	43.7	09:00 AM - 09:05 AM	43.2	40.7	11:40 AM - 11:45 AM	43.3	40.7
06:25 AM - 06:30 AM	47.4	43.4	09:05 AM - 09:10 AM	47.6	40.6	11:45 AM - 11:50 AM	45.6	42.1
06:30 AM - 06:35 AM	47.9	44.0	09:10 AM - 09:15 AM	45.3	40.8	11:50 AM - 11:55 AM	45.4	42.0
06:35 AM - 06:40 AM	47.9	44.0	09:15 AM - 09:20 AM	47.1	42.3	11:55 AM - 12:00 PM	45.7	42.3
06:40 AM - 06:45 AM	48.4	43.4	09:20 AM - 09:25 AM	45.4	41.9	12:00 PM - 12:05 PM	49.5	43.3
06:45 AM - 06:50 AM	49.0	43.9	09:25 AM - 09:30 AM	46.1	41.2	12:05 PM - 12:10 PM	45.5	41.6
06:50 AM - 06:55 AM	50.0	44.3	09:30 AM - 09:35 AM	46.4	40.9	12:10 PM - 12:15 PM	47.5	41.1
06:55 AM - 07:00 AM	49.5	44.3	09:35 AM - 09:40 AM	44.3	40.8	12:15 PM - 12:20 PM	48.3	43.6
07:00 AM - 07:05 AM	50.6	45.4	09:40 AM - 09:45 AM	46.4	41.7	12:20 PM - 12:25 PM	48.8	44.2
07:05 AM - 07:10 AM	48.9	44.0	09:45 AM - 09:50 AM	47.1	43.4	12:25 PM - 12:30 PM	46.9	42.6
07:10 AM - 07:15 AM	47.0	44.0	09:50 AM - 09:55 AM	46.6	41.8	12:30 PM - 12:35 PM	48.0	43.2
07:15 AM - 07:20 AM	50.6	44.1	09:55 AM - 10:00 AM	49.0	42.9	12:35 PM - 12:40 PM	46.8	42.9
07:20 AM - 07:25 AM	49.4	44.2	10:00 AM - 10:05 AM	48.9	42.0	12:40 PM - 12:45 PM	45.1	39.9
07:25 AM - 07:30 AM	51.8	44.3	10:05 AM - 10:10 AM	45.5	42.5	12:45 PM - 12:50 PM	45.4	40.3
07:30 AM - 07:35 AM	48.6	44.6	10:10 AM - 10:15 AM	45.2	42.0	12:50 PM - 12:55 PM	45.3	40.9
07:35 AM - 07:40 AM	51.7	45.3	10:15 AM - 10:20 AM	48.0	43.4	12:55 PM - 01:00 PM	43.5	40.5
07:40 AM - 07:45 AM	49.1	45.0	10:20 AM - 10:25 AM	45.9	41.6	01:00 PM - 01:05 PM	45.6	39.8
07:45 AM - 07:50 AM	53.7	43.9	10:25 AM - 10:30 AM	48.9	44.0	01:05 PM - 01:10 PM	51.8	44.4
07:50 AM - 07:55 AM	47.4	43.4	10:30 AM - 10:35 AM	48.4	44.3	01:10 PM - 01:15 PM	48.2	42.6
07:55 AM - 08:00 AM	45.9	41.8	10:35 AM - 10:40 AM	46.9	44.0	01:15 PM - 01:20 PM	49.6	40.4
08:00 AM - 08:05 AM	44.4	40.9	10:40 AM - 10:45 AM	48.2	43.7	01:20 PM - 01:25 PM	49.2	41.6
08:05 AM - 08:10 AM	48.3	42.5	10:45 AM - 10:50 AM	47.9	43.1	01:25 PM - 01:30 PM	45.9	40.7
08:10 AM - 08:15 AM	49.5	41.7	10:50 AM - 10:55 AM	47.4	42.9	01:30 PM - 01:35 PM	48.3	42.0
08:15 AM - 08:20 AM	44.9	41.5	10:55 AM - 11:00 AM	48.8	42.2	01:35 PM - 01:40 PM	46.6	41.6
08:20 AM - 08:25 AM	46.1	41.9	11:00 AM - 11:05 AM	50.3	44.1	01:40 PM - 01:45 PM	48.7	44.2
08:25 AM - 08:30 AM	45.8	43.1	11:05 AM - 11:10 AM	46.2	42.3	01:45 PM - 01:50 PM	45.9	42.2
08:30 AM - 08:35 AM	45.6	42.6	11:10 AM - 11:15 AM	45.0	40.9	01:50 PM - 01:55 PM	44.3	40.1
08:35 AM - 08:40 AM	50.8	43.6	11:15 AM - 11:20 AM	45.2	41.7	01:55 PM - 02:00 PM	46.9	41.9

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331485-1

Page 1 of 3

Sample Number : 2244227-12
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองกระเรียง 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 27 - May 28, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 27, 2022 Time	Leq dB(A)	L90 dB(A)	May 27, 2022 Time	Leq dB(A)	L90 dB(A)	May 27, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 PM - 02:05 PM	48.5	42.9	04:40 PM - 04:45 PM	50.0	47.1	07:20 PM - 07:25 PM	47.0	42.7
02:05 PM - 02:10 PM	44.1	39.5	04:45 PM - 04:50 PM	47.0	44.8	07:25 PM - 07:30 PM	48.9	42.9
02:10 PM - 02:15 PM	46.2	42.2	04:50 PM - 04:55 PM	48.4	44.1	07:30 PM - 07:35 PM	47.9	42.2
02:15 PM - 02:20 PM	45.8	41.2	04:55 PM - 05:00 PM	48.0	43.0	07:35 PM - 07:40 PM	47.0	42.6
02:20 PM - 02:25 PM	47.6	42.9	05:00 PM - 05:05 PM	47.1	42.8	07:40 PM - 07:45 PM	48.4	44.0
02:25 PM - 02:30 PM	44.7	40.6	05:05 PM - 05:10 PM	49.6	45.2	07:45 PM - 07:50 PM	46.6	43.8
02:30 PM - 02:35 PM	46.6	42.4	05:10 PM - 05:15 PM	49.2	46.4	07:50 PM - 07:55 PM	46.8	43.8
02:35 PM - 02:40 PM	47.5	43.0	05:15 PM - 05:20 PM	50.0	45.3	07:55 PM - 08:00 PM	45.7	44.2
02:40 PM - 02:45 PM	45.0	40.8	05:20 PM - 05:25 PM	56.1	45.7	08:00 PM - 08:05 PM	46.4	43.7
02:45 PM - 02:50 PM	46.5	41.3	05:25 PM - 05:30 PM	49.4	46.1	08:05 PM - 08:10 PM	50.3	44.4
02:50 PM - 02:55 PM	43.9	41.1	05:30 PM - 05:35 PM	48.5	44.9	08:10 PM - 08:15 PM	51.5	44.1
02:55 PM - 03:00 PM	44.0	39.6	05:35 PM - 05:40 PM	52.8	45.5	08:15 PM - 08:20 PM	48.7	43.8
03:00 PM - 03:05 PM	46.5	39.6	05:40 PM - 05:45 PM	49.5	44.2	08:20 PM - 08:25 PM	45.9	43.4
03:05 PM - 03:10 PM	50.1	41.9	05:45 PM - 05:50 PM	47.0	43.1	08:25 PM - 08:30 PM	46.2	44.9
03:10 PM - 03:15 PM	46.7	42.0	05:50 PM - 05:55 PM	46.1	43.4	08:30 PM - 08:35 PM	46.5	44.5
03:15 PM - 03:20 PM	44.5	40.0	05:55 PM - 06:00 PM	48.2	44.6	08:35 PM - 08:40 PM	49.8	44.1
03:20 PM - 03:25 PM	47.5	44.0	06:00 PM - 06:05 PM	49.0	45.5	08:40 PM - 08:45 PM	44.2	43.2
03:25 PM - 03:30 PM	46.2	41.4	06:05 PM - 06:10 PM	52.7	44.4	08:45 PM - 08:50 PM	46.3	43.6
03:30 PM - 03:35 PM	45.9	41.4	06:10 PM - 06:15 PM	49.5	45.2	08:50 PM - 08:55 PM	44.8	43.3
03:35 PM - 03:40 PM	47.9	42.9	06:15 PM - 06:20 PM	51.4	45.2	08:55 PM - 09:00 PM	47.2	44.1
03:40 PM - 03:45 PM	46.2	42.0	06:20 PM - 06:25 PM	49.2	44.8	09:00 PM - 09:05 PM	50.7	44.8
03:45 PM - 03:50 PM	48.7	42.5	06:25 PM - 06:30 PM	46.5	43.5	09:05 PM - 09:10 PM	46.6	44.2
03:50 PM - 03:55 PM	46.5	42.5	06:30 PM - 06:35 PM	48.5	43.3	09:10 PM - 09:15 PM	45.9	41.6
03:55 PM - 04:00 PM	47.5	43.2	06:35 PM - 06:40 PM	46.2	42.0	09:15 PM - 09:20 PM	43.9	41.8
04:00 PM - 04:05 PM	47.9	43.1	06:40 PM - 06:45 PM	45.2	40.6	09:20 PM - 09:25 PM	45.4	41.8
04:05 PM - 04:10 PM	49.2	43.4	06:45 PM - 06:50 PM	49.8	41.1	09:25 PM - 09:30 PM	43.7	42.1
04:10 PM - 04:15 PM	50.0	45.5	06:50 PM - 06:55 PM	47.4	41.7	09:30 PM - 09:35 PM	43.7	42.0
04:15 PM - 04:20 PM	56.0	50.4	06:55 PM - 07:00 PM	47.4	40.9	09:35 PM - 09:40 PM	44.2	42.3
04:20 PM - 04:25 PM	54.1	50.3	07:00 PM - 07:05 PM	47.0	41.0	09:40 PM - 09:45 PM	42.7	41.7
04:25 PM - 04:30 PM	53.3	48.5	07:05 PM - 07:10 PM	48.7	40.7	09:45 PM - 09:50 PM	43.4	41.8
04:30 PM - 04:35 PM	51.0	47.4	07:10 PM - 07:15 PM	47.4	42.0	09:50 PM - 09:55 PM	47.5	41.4
04:35 PM - 04:40 PM	51.1	46.2	07:15 PM - 07:20 PM	45.0	42.2	09:55 PM - 10:00 PM	43.2	41.2

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331485-1

Page 2 of 3

Sample Number : 2244227-12
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเรียง 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 27 - May 28, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 27 - May 28, 2022	Leq	L90	May 28, 2022	Leq	L90	May 28, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	44.7	41.1	12:40 AM - 12:45 AM	40.5	38.9	03:20 AM - 03:25 AM	39.9	39.0
10:05 PM - 10:10 PM	43.6	41.2	12:45 AM - 12:50 AM	40.1	39.0	03:25 AM - 03:30 AM	40.9	39.8
10:10 PM - 10:15 PM	42.4	40.8	12:50 AM - 12:55 AM	42.2	39.2	03:30 AM - 03:35 AM	40.5	39.5
10:15 PM - 10:20 PM	43.4	40.8	12:55 AM - 01:00 AM	40.1	39.1	03:35 AM - 03:40 AM	40.1	39.1
10:20 PM - 10:25 PM	44.3	41.1	01:00 AM - 01:05 AM	40.2	39.1	03:40 AM - 03:45 AM	40.0	38.8
10:25 PM - 10:30 PM	43.4	41.4	01:05 AM - 01:10 AM	40.0	38.7	03:45 AM - 03:50 AM	40.3	39.1
10:30 PM - 10:35 PM	44.5	40.8	01:10 AM - 01:15 AM	47.9	39.7	03:50 AM - 03:55 AM	41.2	40.0
10:35 PM - 10:40 PM	45.5	40.6	01:15 AM - 01:20 AM	41.0	39.8	03:55 AM - 04:00 AM	40.5	39.1
10:40 PM - 10:45 PM	42.8	40.4	01:20 AM - 01:25 AM	40.0	39.2	04:00 AM - 04:05 AM	40.0	39.1
10:45 PM - 10:50 PM	46.1	41.6	01:25 AM - 01:30 AM	40.2	39.3	04:05 AM - 04:10 AM	48.2	38.9
10:50 PM - 10:55 PM	44.2	41.3	01:30 AM - 01:35 AM	40.3	39.4	04:10 AM - 04:15 AM	41.1	39.8
10:55 PM - 11:00 PM	43.5	41.6	01:35 AM - 01:40 AM	40.3	39.2	04:15 AM - 04:20 AM	41.2	39.8
11:00 PM - 11:05 PM	43.7	41.2	01:40 AM - 01:45 AM	40.6	39.5	04:20 AM - 04:25 AM	41.6	40.1
11:05 PM - 11:10 PM	43.6	40.8	01:45 AM - 01:50 AM	43.0	40.0	04:25 AM - 04:30 AM	41.8	39.4
11:10 PM - 11:15 PM	45.0	41.2	01:50 AM - 01:55 AM	41.0	39.6	04:30 AM - 04:35 AM	39.7	38.5
11:15 PM - 11:20 PM	42.7	40.9	01:55 AM - 02:00 AM	40.9	39.6	04:35 AM - 04:40 AM	40.8	39.5
11:20 PM - 11:25 PM	43.5	41.6	02:00 AM - 02:05 AM	41.5	39.8	04:40 AM - 04:45 AM	40.9	39.8
11:25 PM - 11:30 PM	43.8	41.7	02:05 AM - 02:10 AM	41.3	39.5	04:45 AM - 04:50 AM	40.9	39.7
11:30 PM - 11:35 PM	42.9	40.9	02:10 AM - 02:15 AM	40.5	39.6	04:50 AM - 04:55 AM	42.1	40.2
11:35 PM - 11:40 PM	41.8	39.7	02:15 AM - 02:20 AM	40.7	39.3	04:55 AM - 05:00 AM	47.1	40.5
11:40 PM - 11:45 PM	40.7	39.3	02:20 AM - 02:25 AM	39.7	38.6	05:00 AM - 05:05 AM	41.8	40.3
11:45 PM - 11:50 PM	41.4	39.2	02:25 AM - 02:30 AM	40.3	39.1	05:05 AM - 05:10 AM	43.0	40.1
11:50 PM - 11:55 PM	41.2	39.5	02:30 AM - 02:35 AM	40.6	39.2	05:10 AM - 05:15 AM	44.7	40.7
11:55 PM - 12:00 AM	40.8	39.0	02:35 AM - 02:40 AM	40.4	39.3	05:15 AM - 05:20 AM	41.5	39.3
12:00 AM - 12:05 AM	43.8	39.3	02:40 AM - 02:45 AM	40.6	38.8	05:20 AM - 05:25 AM	43.6	39.7
12:05 AM - 12:10 AM	41.0	39.0	02:45 AM - 02:50 AM	40.4	38.5	05:25 AM - 05:30 AM	42.1	39.7
12:10 AM - 12:15 AM	40.1	38.5	02:50 AM - 02:55 AM	39.9	38.8	05:30 AM - 05:35 AM	45.1	40.0
12:15 AM - 12:20 AM	42.9	38.8	02:55 AM - 03:00 AM	39.1	38.2	05:35 AM - 05:40 AM	42.8	40.2
12:20 AM - 12:25 AM	40.6	39.0	03:00 AM - 03:05 AM	40.4	38.7	05:40 AM - 05:45 AM	41.7	40.0
12:25 AM - 12:30 AM	39.9	38.9	03:05 AM - 03:10 AM	39.8	38.9	05:45 AM - 05:50 AM	43.1	39.8
12:30 AM - 12:35 AM	41.5	38.8	03:10 AM - 03:15 AM	40.1	39.2	05:50 AM - 05:55 AM	43.1	40.4
12:35 AM - 12:40 AM	40.1	38.7	03:15 AM - 03:20 AM	40.2	38.9	05:55 AM - 06:00 AM	43.5	40.2

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331485-1

Page 3 of 3

Sample Number : 2244227-12
Parameter : Noise Level (Leq 5 min)
Location : ขนขณด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเรียง 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 27 - May 28, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 28, 2022	Leq	L90	May 28, 2022	Leq	L90	May 28, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
06:00 AM - 06:05 AM	46.0	40.1	08:40 AM - 08:45 AM	46.3	39.5	11:20 AM - 11:25 AM	45.7	40.8
06:05 AM - 06:10 AM	45.6	40.9	08:45 AM - 08:50 AM	46.3	41.4	11:25 AM - 11:30 AM	44.7	40.1
06:10 AM - 06:15 AM	45.5	41.0	08:50 AM - 08:55 AM	45.6	39.8	11:30 AM - 11:35 AM	45.4	39.3
06:15 AM - 06:20 AM	47.2	42.6	08:55 AM - 09:00 AM	48.7	41.0	11:35 AM - 11:40 AM	43.1	40.5
06:20 AM - 06:25 AM	44.4	40.8	09:00 AM - 09:05 AM	48.5	40.7	11:40 AM - 11:45 AM	45.5	41.2
06:25 AM - 06:30 AM	45.0	41.9	09:05 AM - 09:10 AM	47.3	41.1	11:45 AM - 11:50 AM	46.7	41.1
06:30 AM - 06:35 AM	49.0	44.3	09:10 AM - 09:15 AM	50.1	41.5	11:50 AM - 11:55 AM	44.9	41.4
06:35 AM - 06:40 AM	50.0	43.7	09:15 AM - 09:20 AM	48.8	40.9	11:55 AM - 12:00 PM	44.6	39.8
06:40 AM - 06:45 AM	47.6	43.8	09:20 AM - 09:25 AM	49.7	41.0	12:00 PM - 12:05 PM	47.1	40.9
06:45 AM - 06:50 AM	46.5	43.1	09:25 AM - 09:30 AM	46.5	41.2	12:05 PM - 12:10 PM	43.6	39.7
06:50 AM - 06:55 AM	44.6	41.8	09:30 AM - 09:35 AM	48.1	41.5	12:10 PM - 12:15 PM	43.9	40.4
06:55 AM - 07:00 AM	46.3	42.4	09:35 AM - 09:40 AM	50.6	42.0	12:15 PM - 12:20 PM	42.6	38.4
07:00 AM - 07:05 AM	49.1	42.5	09:40 AM - 09:45 AM	47.8	40.5	12:20 PM - 12:25 PM	42.8	38.8
07:05 AM - 07:10 AM	47.1	44.4	09:45 AM - 09:50 AM	50.0	41.7	12:25 PM - 12:30 PM	44.5	40.1
07:10 AM - 07:15 AM	50.4	42.5	09:50 AM - 09:55 AM	47.0	41.6	12:30 PM - 12:35 PM	44.6	41.0
07:15 AM - 07:20 AM	48.9	43.2	09:55 AM - 10:00 AM	44.9	41.4	12:35 PM - 12:40 PM	44.9	39.8
07:20 AM - 07:25 AM	46.5	43.0	10:00 AM - 10:05 AM	47.1	43.4	12:40 PM - 12:45 PM	44.5	40.7
07:25 AM - 07:30 AM	47.3	43.1	10:05 AM - 10:10 AM	47.8	42.4	12:45 PM - 12:50 PM	47.2	42.0
07:30 AM - 07:35 AM	49.2	42.5	10:10 AM - 10:15 AM	48.8	45.1	12:50 PM - 12:55 PM	44.4	39.6
07:35 AM - 07:40 AM	48.3	43.8	10:15 AM - 10:20 AM	48.4	44.2	12:55 PM - 01:00 PM	48.8	40.2
07:40 AM - 07:45 AM	51.4	43.4	10:20 AM - 10:25 AM	46.4	42.5	01:00 PM - 01:05 PM	48.5	41.7
07:45 AM - 07:50 AM	50.7	42.0	10:25 AM - 10:30 AM	45.5	42.5	01:05 PM - 01:10 PM	43.5	39.7
07:50 AM - 07:55 AM	51.9	40.0	10:30 AM - 10:35 AM	44.3	41.4	01:10 PM - 01:15 PM	47.9	39.7
07:55 AM - 08:00 AM	46.7	40.3	10:35 AM - 10:40 AM	46.9	40.5	01:15 PM - 01:20 PM	45.1	39.2
08:00 AM - 08:05 AM	51.4	39.4	10:40 AM - 10:45 AM	45.7	41.3	01:20 PM - 01:25 PM	46.9	39.6
08:05 AM - 08:10 AM	45.2	39.1	10:45 AM - 10:50 AM	47.5	41.5	01:25 PM - 01:30 PM	49.2	41.2
08:10 AM - 08:15 AM	44.7	40.0	10:50 AM - 10:55 AM	48.2	40.5	01:30 PM - 01:35 PM	46.6	42.3
08:15 AM - 08:20 AM	43.1	39.0	10:55 AM - 11:00 AM	48.7	44.5	01:35 PM - 01:40 PM	43.9	40.0
08:20 AM - 08:25 AM	43.8	39.8	11:00 AM - 11:05 AM	46.0	40.0	01:40 PM - 01:45 PM	45.5	41.2
08:25 AM - 08:30 AM	44.3	39.5	11:05 AM - 11:10 AM	42.9	39.2	01:45 PM - 01:50 PM	44.3	40.2
08:30 AM - 08:35 AM	46.1	39.9	11:10 AM - 11:15 AM	45.2	40.1	01:50 PM - 01:55 PM	44.6	40.5
08:35 AM - 08:40 AM	48.8	39.7	11:15 AM - 11:20 AM	43.7	40.4	01:55 PM - 02:00 PM	46.1	40.0

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331486-1

Page 1 of 3

Sample Number : 2244227-13
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองกระเรียง 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 28 - May 29, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 28, 2022 Time	Leq dB(A)	L90 dB(A)	May 28, 2022 Time	Leq dB(A)	L90 dB(A)	May 28, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 PM - 02:05 PM	43.9	39.9	04:40 PM - 04:45 PM	44.6	40.7	07:20 PM - 07:25 PM	48.4	44.5
02:05 PM - 02:10 PM	46.6	41.2	04:45 PM - 04:50 PM	47.3	41.2	07:25 PM - 07:30 PM	48.7	44.9
02:10 PM - 02:15 PM	45.3	41.4	04:50 PM - 04:55 PM	43.5	39.5	07:30 PM - 07:35 PM	47.4	44.0
02:15 PM - 02:20 PM	47.4	40.9	04:55 PM - 05:00 PM	47.6	42.6	07:35 PM - 07:40 PM	49.3	43.9
02:20 PM - 02:25 PM	44.3	41.3	05:00 PM - 05:05 PM	51.6	44.7	07:40 PM - 07:45 PM	46.6	43.4
02:25 PM - 02:30 PM	45.9	41.0	05:05 PM - 05:10 PM	49.0	44.2	07:45 PM - 07:50 PM	49.2	43.8
02:30 PM - 02:35 PM	47.4	42.1	05:10 PM - 05:15 PM	51.7	44.6	07:50 PM - 07:55 PM	47.6	43.9
02:35 PM - 02:40 PM	44.1	41.1	05:15 PM - 05:20 PM	49.2	44.3	07:55 PM - 08:00 PM	45.9	43.5
02:40 PM - 02:45 PM	45.1	40.4	05:20 PM - 05:25 PM	46.5	43.7	08:00 PM - 08:05 PM	49.0	44.3
02:45 PM - 02:50 PM	42.1	39.8	05:25 PM - 05:30 PM	48.2	42.8	08:05 PM - 08:10 PM	50.3	44.4
02:50 PM - 02:55 PM	47.3	40.7	05:30 PM - 05:35 PM	50.9	43.1	08:10 PM - 08:15 PM	46.7	43.9
02:55 PM - 03:00 PM	48.8	41.2	05:35 PM - 05:40 PM	44.9	41.6	08:15 PM - 08:20 PM	46.0	43.7
03:00 PM - 03:05 PM	48.2	39.3	05:40 PM - 05:45 PM	47.7	42.0	08:20 PM - 08:25 PM	49.0	43.7
03:05 PM - 03:10 PM	47.1	41.5	05:45 PM - 05:50 PM	47.7	41.5	08:25 PM - 08:30 PM	47.0	43.2
03:10 PM - 03:15 PM	43.9	38.4	05:50 PM - 05:55 PM	45.0	41.7	08:30 PM - 08:35 PM	47.2	43.5
03:15 PM - 03:20 PM	43.3	37.9	05:55 PM - 06:00 PM	46.5	40.1	08:35 PM - 08:40 PM	45.6	43.4
03:20 PM - 03:25 PM	43.5	39.5	06:00 PM - 06:05 PM	45.2	40.6	08:40 PM - 08:45 PM	45.4	43.0
03:25 PM - 03:30 PM	44.1	40.6	06:05 PM - 06:10 PM	44.4	41.3	08:45 PM - 08:50 PM	46.4	43.4
03:30 PM - 03:35 PM	44.3	39.0	06:10 PM - 06:15 PM	45.7	41.3	08:50 PM - 08:55 PM	49.0	42.8
03:35 PM - 03:40 PM	45.6	39.9	06:15 PM - 06:20 PM	47.6	41.3	08:55 PM - 09:00 PM	50.4	48.1
03:40 PM - 03:45 PM	43.1	38.9	06:20 PM - 06:25 PM	50.2	41.6	09:00 PM - 09:05 PM	52.0	49.0
03:45 PM - 03:50 PM	44.3	38.6	06:25 PM - 06:30 PM	49.5	42.2	09:05 PM - 09:10 PM	49.8	48.3
03:50 PM - 03:55 PM	44.3	40.1	06:30 PM - 06:35 PM	47.9	40.9	09:10 PM - 09:15 PM	50.2	48.9
03:55 PM - 04:00 PM	43.2	39.9	06:35 PM - 06:40 PM	51.8	42.4	09:15 PM - 09:20 PM	49.8	48.7
04:00 PM - 04:05 PM	43.4	40.1	06:40 PM - 06:45 PM	51.0	41.9	09:20 PM - 09:25 PM	50.0	49.0
04:05 PM - 04:10 PM	44.0	40.4	06:45 PM - 06:50 PM	47.6	41.3	09:25 PM - 09:30 PM	50.0	48.8
04:10 PM - 04:15 PM	43.6	39.9	06:50 PM - 06:55 PM	48.2	41.8	09:30 PM - 09:35 PM	49.7	48.7
04:15 PM - 04:20 PM	49.6	39.5	06:55 PM - 07:00 PM	45.3	41.2	09:35 PM - 09:40 PM	49.5	43.6
04:20 PM - 04:25 PM	52.7	42.5	07:00 PM - 07:05 PM	43.7	40.8	09:40 PM - 09:45 PM	45.0	43.3
04:25 PM - 04:30 PM	46.1	41.0	07:05 PM - 07:10 PM	48.4	41.6	09:45 PM - 09:50 PM	44.1	41.9
04:30 PM - 04:35 PM	48.4	42.2	07:10 PM - 07:15 PM	45.9	41.6	09:50 PM - 09:55 PM	44.3	41.3
04:35 PM - 04:40 PM	44.1	40.8	07:15 PM - 07:20 PM	49.7	44.6	09:55 PM - 10:00 PM	43.5	41.9

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331486-1

Page 2 of 3

Sample Number : 2244227-13
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเรียง 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 28 - May 29, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 28 - May 29, 2022	Leq	L90	May 29, 2022	Leq	L90	May 29, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	44.1	41.9	12:40 AM - 12:45 AM	43.9	42.6	03:20 AM - 03:25 AM	41.6	39.7
10:05 PM - 10:10 PM	44.9	43.4	12:45 AM - 12:50 AM	43.0	41.4	03:25 AM - 03:30 AM	43.4	40.1
10:10 PM - 10:15 PM	43.7	41.2	12:50 AM - 12:55 AM	44.7	41.7	03:30 AM - 03:35 AM	41.0	39.6
10:15 PM - 10:20 PM	45.8	44.0	12:55 AM - 01:00 AM	47.4	41.6	03:35 AM - 03:40 AM	41.7	40.0
10:20 PM - 10:25 PM	44.8	43.1	01:00 AM - 01:05 AM	43.8	41.8	03:40 AM - 03:45 AM	41.4	40.2
10:25 PM - 10:30 PM	44.3	42.7	01:05 AM - 01:10 AM	49.2	42.5	03:45 AM - 03:50 AM	40.6	39.4
10:30 PM - 10:35 PM	44.1	41.4	01:10 AM - 01:15 AM	44.8	42.6	03:50 AM - 03:55 AM	40.9	39.6
10:35 PM - 10:40 PM	43.3	41.6	01:15 AM - 01:20 AM	47.7	41.7	03:55 AM - 04:00 AM	39.2	38.0
10:40 PM - 10:45 PM	44.4	42.6	01:20 AM - 01:25 AM	43.8	41.4	04:00 AM - 04:05 AM	40.0	38.7
10:45 PM - 10:50 PM	45.2	43.4	01:25 AM - 01:30 AM	42.8	41.3	04:05 AM - 04:10 AM	40.2	38.8
10:50 PM - 10:55 PM	44.1	41.5	01:30 AM - 01:35 AM	43.5	41.9	04:10 AM - 04:15 AM	39.0	38.2
10:55 PM - 11:00 PM	43.9	40.6	01:35 AM - 01:40 AM	42.8	41.6	04:15 AM - 04:20 AM	39.9	38.8
11:00 PM - 11:05 PM	43.9	42.0	01:40 AM - 01:45 AM	43.7	41.5	04:20 AM - 04:25 AM	39.7	38.5
11:05 PM - 11:10 PM	44.6	42.3	01:45 AM - 01:50 AM	42.8	41.8	04:25 AM - 04:30 AM	40.1	38.6
11:10 PM - 11:15 PM	44.3	42.5	01:50 AM - 01:55 AM	42.4	41.1	04:30 AM - 04:35 AM	41.6	40.3
11:15 PM - 11:20 PM	44.5	42.7	01:55 AM - 02:00 AM	41.9	41.1	04:35 AM - 04:40 AM	41.3	39.8
11:20 PM - 11:25 PM	43.7	41.7	02:00 AM - 02:05 AM	42.6	41.2	04:40 AM - 04:45 AM	41.7	40.1
11:25 PM - 11:30 PM	44.0	42.3	02:05 AM - 02:10 AM	41.8	40.7	04:45 AM - 04:50 AM	40.9	39.2
11:30 PM - 11:35 PM	44.1	42.8	02:10 AM - 02:15 AM	41.8	40.7	04:50 AM - 04:55 AM	40.5	39.0
11:35 PM - 11:40 PM	44.1	42.9	02:15 AM - 02:20 AM	41.2	39.9	04:55 AM - 05:00 AM	40.0	38.7
11:40 PM - 11:45 PM	44.4	42.1	02:20 AM - 02:25 AM	41.8	40.3	05:00 AM - 05:05 AM	41.6	40.5
11:45 PM - 11:50 PM	45.7	41.8	02:25 AM - 02:30 AM	41.4	40.3	05:05 AM - 05:10 AM	42.2	40.2
11:50 PM - 11:55 PM	43.0	41.1	02:30 AM - 02:35 AM	40.9	39.9	05:10 AM - 05:15 AM	43.8	39.2
11:55 PM - 12:00 AM	43.1	40.9	02:35 AM - 02:40 AM	40.9	39.6	05:15 AM - 05:20 AM	42.8	38.8
12:00 AM - 12:05 AM	42.6	40.7	02:40 AM - 02:45 AM	40.4	39.2	05:20 AM - 05:25 AM	44.3	39.2
12:05 AM - 12:10 AM	44.1	41.0	02:45 AM - 02:50 AM	40.9	39.1	05:25 AM - 05:30 AM	45.4	39.3
12:10 AM - 12:15 AM	43.5	42.2	02:50 AM - 02:55 AM	40.1	38.7	05:30 AM - 05:35 AM	44.9	40.1
12:15 AM - 12:20 AM	44.8	42.2	02:55 AM - 03:00 AM	42.6	40.7	05:35 AM - 05:40 AM	41.7	39.1
12:20 AM - 12:25 AM	44.4	41.3	03:00 AM - 03:05 AM	41.7	40.1	05:40 AM - 05:45 AM	42.1	40.2
12:25 AM - 12:30 AM	44.5	41.9	03:05 AM - 03:10 AM	40.7	39.5	05:45 AM - 05:50 AM	45.4	39.6
12:30 AM - 12:35 AM	43.7	42.2	03:10 AM - 03:15 AM	42.7	39.2	05:50 AM - 05:55 AM	42.2	39.4
12:35 AM - 12:40 AM	44.0	42.6	03:15 AM - 03:20 AM	41.0	39.3	05:55 AM - 06:00 AM	42.8	39.0

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331486-1

Page 3 of 3

Sample Number : 2244227-13
Parameter : Noise Level (Leq 5 min)
Location : ถนนด่านที่ตัดตะวันตกของโครงการโรงไฟฟ้าหนองระเวียง 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 28 - May 29, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 29, 2022 Time	Leq dB(A)	L90 dB(A)	May 29, 2022 Time	Leq dB(A)	L90 dB(A)	May 29, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 AM - 06:05 AM	46.7	40.3	08:40 AM - 08:45 AM	42.9	38.4	11:20 AM - 11:25 AM	44.2	37.3
06:05 AM - 06:10 AM	42.6	39.9	08:45 AM - 08:50 AM	44.9	39.9	11:25 AM - 11:30 AM	44.9	40.9
06:10 AM - 06:15 AM	45.3	39.7	08:50 AM - 08:55 AM	42.4	38.4	11:30 AM - 11:35 AM	46.6	41.2
06:15 AM - 06:20 AM	43.2	40.7	08:55 AM - 09:00 AM	44.0	38.0	11:35 AM - 11:40 AM	54.4	51.1
06:20 AM - 06:25 AM	44.0	39.2	09:00 AM - 09:05 AM	45.3	39.5	11:40 AM - 11:45 AM	49.1	39.0
06:25 AM - 06:30 AM	46.0	40.3	09:05 AM - 09:10 AM	43.4	38.6	11:45 AM - 11:50 AM	44.7	38.5
06:30 AM - 06:35 AM	44.5	40.5	09:10 AM - 09:15 AM	45.2	38.3	11:50 AM - 11:55 AM	44.4	37.1
06:35 AM - 06:40 AM	43.3	40.1	09:15 AM - 09:20 AM	53.3	38.7	11:55 AM - 12:00 PM	44.8	39.4
06:40 AM - 06:45 AM	43.1	39.6	09:20 AM - 09:25 AM	44.8	39.1	12:00 PM - 12:05 PM	40.9	37.4
06:45 AM - 06:50 AM	46.5	41.0	09:25 AM - 09:30 AM	43.4	37.5	12:05 PM - 12:10 PM	44.0	40.4
06:50 AM - 06:55 AM	43.6	39.2	09:30 AM - 09:35 AM	41.7	37.9	12:10 PM - 12:15 PM	44.0	38.7
06:55 AM - 07:00 AM	48.1	39.1	09:35 AM - 09:40 AM	45.4	39.7	12:15 PM - 12:20 PM	44.5	38.6
07:00 AM - 07:05 AM	43.5	39.2	09:40 AM - 09:45 AM	46.7	39.3	12:20 PM - 12:25 PM	45.9	38.8
07:05 AM - 07:10 AM	45.3	37.8	09:45 AM - 09:50 AM	45.6	38.2	12:25 PM - 12:30 PM	48.0	40.3
07:10 AM - 07:15 AM	46.4	38.2	09:50 AM - 09:55 AM	50.4	39.8	12:30 PM - 12:35 PM	43.6	39.9
07:15 AM - 07:20 AM	45.3	39.1	09:55 AM - 10:00 AM	44.1	39.0	12:35 PM - 12:40 PM	43.4	39.2
07:20 AM - 07:25 AM	44.6	39.0	10:00 AM - 10:05 AM	49.0	39.8	12:40 PM - 12:45 PM	53.0	38.7
07:25 AM - 07:30 AM	45.5	40.5	10:05 AM - 10:10 AM	48.3	39.1	12:45 PM - 12:50 PM	43.8	39.0
07:30 AM - 07:35 AM	44.1	38.5	10:10 AM - 10:15 AM	47.1	41.2	12:50 PM - 12:55 PM	44.8	39.1
07:35 AM - 07:40 AM	46.7	39.0	10:15 AM - 10:20 AM	43.3	38.1	12:55 PM - 01:00 PM	45.7	37.9
07:40 AM - 07:45 AM	44.0	38.8	10:20 AM - 10:25 AM	46.1	39.0	01:00 PM - 01:05 PM	43.7	37.7
07:45 AM - 07:50 AM	45.8	39.0	10:25 AM - 10:30 AM	53.0	41.6	01:05 PM - 01:10 PM	43.1	38.1
07:50 AM - 07:55 AM	42.6	37.5	10:30 AM - 10:35 AM	48.1	41.2	01:10 PM - 01:15 PM	43.4	39.0
07:55 AM - 08:00 AM	44.3	38.3	10:35 AM - 10:40 AM	44.8	39.3	01:15 PM - 01:20 PM	48.1	37.6
08:00 AM - 08:05 AM	46.4	39.2	10:40 AM - 10:45 AM	46.4	40.5	01:20 PM - 01:25 PM	50.8	39.7
08:05 AM - 08:10 AM	41.1	37.6	10:45 AM - 10:50 AM	46.6	40.2	01:25 PM - 01:30 PM	43.9	39.8
08:10 AM - 08:15 AM	43.4	39.8	10:50 AM - 10:55 AM	48.4	41.0	01:30 PM - 01:35 PM	45.0	39.9
08:15 AM - 08:20 AM	43.0	38.8	10:55 AM - 11:00 AM	53.5	39.5	01:35 PM - 01:40 PM	45.0	39.9
08:20 AM - 08:25 AM	44.0	38.8	11:00 AM - 11:05 AM	49.4	39.3	01:40 PM - 01:45 PM	43.7	38.3
08:25 AM - 08:30 AM	44.4	40.7	11:05 AM - 11:10 AM	52.8	39.8	01:45 PM - 01:50 PM	42.1	38.2
08:30 AM - 08:35 AM	42.6	37.4	11:10 AM - 11:15 AM	44.7	39.2	01:50 PM - 01:55 PM	47.1	40.6
08:35 AM - 08:40 AM	45.2	38.3	11:15 AM - 11:20 AM	43.6	39.0	01:55 PM - 02:00 PM	43.3	37.8

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331487-1

Page 1 of 3

Sample Number : 2244227-14
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองกระเทียม 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 29 - May 30, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 29, 2022	Leq	L90	May 29, 2022	Leq	L90	May 29, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
02:00 PM - 02:05 PM	46.0	39.0	04:40 PM - 04:45 PM	44.2	40.7	07:20 PM - 07:25 PM	45.5	40.9
02:05 PM - 02:10 PM	42.2	37.9	04:45 PM - 04:50 PM	48.9	41.3	07:25 PM - 07:30 PM	45.3	40.8
02:10 PM - 02:15 PM	44.0	38.4	04:50 PM - 04:55 PM	47.6	42.2	07:30 PM - 07:35 PM	50.4	42.4
02:15 PM - 02:20 PM	50.0	40.1	04:55 PM - 05:00 PM	44.1	40.6	07:35 PM - 07:40 PM	48.2	42.1
02:20 PM - 02:25 PM	47.6	38.2	05:00 PM - 05:05 PM	46.7	40.7	07:40 PM - 07:45 PM	45.3	40.9
02:25 PM - 02:30 PM	46.4	37.6	05:05 PM - 05:10 PM	46.6	41.2	07:45 PM - 07:50 PM	48.6	41.0
02:30 PM - 02:35 PM	45.0	38.9	05:10 PM - 05:15 PM	48.4	40.2	07:50 PM - 07:55 PM	46.5	42.4
02:35 PM - 02:40 PM	41.7	37.9	05:15 PM - 05:20 PM	47.2	39.0	07:55 PM - 08:00 PM	45.3	41.8
02:40 PM - 02:45 PM	43.5	37.4	05:20 PM - 05:25 PM	47.7	40.3	08:00 PM - 08:05 PM	48.5	42.0
02:45 PM - 02:50 PM	43.0	38.4	05:25 PM - 05:30 PM	47.1	40.2	08:05 PM - 08:10 PM	47.4	42.0
02:50 PM - 02:55 PM	41.9	38.2	05:30 PM - 05:35 PM	46.1	41.7	08:10 PM - 08:15 PM	46.6	42.6
02:55 PM - 03:00 PM	51.6	41.3	05:35 PM - 05:40 PM	49.4	40.4	08:15 PM - 08:20 PM	46.2	42.2
03:00 PM - 03:05 PM	42.4	38.3	05:40 PM - 05:45 PM	47.5	40.6	08:20 PM - 08:25 PM	42.8	40.8
03:05 PM - 03:10 PM	43.5	38.5	05:45 PM - 05:50 PM	48.3	41.7	08:25 PM - 08:30 PM	43.8	41.4
03:10 PM - 03:15 PM	41.8	37.2	05:50 PM - 05:55 PM	45.9	40.8	08:30 PM - 08:35 PM	46.1	42.4
03:15 PM - 03:20 PM	43.7	39.1	05:55 PM - 06:00 PM	45.0	40.6	08:35 PM - 08:40 PM	44.7	41.6
03:20 PM - 03:25 PM	42.7	39.1	06:00 PM - 06:05 PM	46.6	42.4	08:40 PM - 08:45 PM	43.7	41.6
03:25 PM - 03:30 PM	46.5	40.5	06:05 PM - 06:10 PM	46.7	41.7	08:45 PM - 08:50 PM	43.4	41.4
03:30 PM - 03:35 PM	42.1	39.1	06:10 PM - 06:15 PM	49.2	42.0	08:50 PM - 08:55 PM	50.3	41.5
03:35 PM - 03:40 PM	44.8	40.2	06:15 PM - 06:20 PM	50.9	42.8	08:55 PM - 09:00 PM	47.0	41.7
03:40 PM - 03:45 PM	47.9	41.0	06:20 PM - 06:25 PM	48.0	42.2	09:00 PM - 09:05 PM	44.7	42.0
03:45 PM - 03:50 PM	41.7	38.6	06:25 PM - 06:30 PM	50.9	42.3	09:05 PM - 09:10 PM	45.6	42.0
03:50 PM - 03:55 PM	42.5	38.9	06:30 PM - 06:35 PM	50.3	41.6	09:10 PM - 09:15 PM	44.4	41.5
03:55 PM - 04:00 PM	41.8	38.4	06:35 PM - 06:40 PM	49.9	41.8	09:15 PM - 09:20 PM	43.2	41.6
04:00 PM - 04:05 PM	47.3	39.0	06:40 PM - 06:45 PM	51.8	42.9	09:20 PM - 09:25 PM	42.7	41.3
04:05 PM - 04:10 PM	51.2	38.9	06:45 PM - 06:50 PM	45.9	40.5	09:25 PM - 09:30 PM	44.9	41.4
04:10 PM - 04:15 PM	54.3	39.5	06:50 PM - 06:55 PM	49.2	42.6	09:30 PM - 09:35 PM	43.9	41.7
04:15 PM - 04:20 PM	51.7	40.6	06:55 PM - 07:00 PM	49.8	41.9	09:35 PM - 09:40 PM	45.8	41.5
04:20 PM - 04:25 PM	53.6	41.2	07:00 PM - 07:05 PM	48.8	42.1	09:40 PM - 09:45 PM	43.7	41.3
04:25 PM - 04:30 PM	47.7	39.6	07:05 PM - 07:10 PM	47.8	41.5	09:45 PM - 09:50 PM	42.3	41.1
04:30 PM - 04:35 PM	48.4	39.0	07:10 PM - 07:15 PM	48.7	42.3	09:50 PM - 09:55 PM	42.8	41.2
04:35 PM - 04:40 PM	43.3	37.7	07:15 PM - 07:20 PM	46.8	41.4	09:55 PM - 10:00 PM	43.1	41.2

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331487-1

Page 2 of 3

Sample Number : 2244227-14
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเวียง 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 29 - May 30, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 29 - May 30, 2022	Leq	L90	May 30, 2022	Leq	L90	May 30, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	46.1	40.9	12:40 AM - 12:45 AM	49.6	39.7	03:20 AM - 03:25 AM	38.5	37.6
10:05 PM - 10:10 PM	44.7	40.8	12:45 AM - 12:50 AM	42.1	39.2	03:25 AM - 03:30 AM	38.8	37.9
10:10 PM - 10:15 PM	42.5	41.0	12:50 AM - 12:55 AM	41.1	39.7	03:30 AM - 03:35 AM	40.7	37.6
10:15 PM - 10:20 PM	43.4	41.6	12:55 AM - 01:00 AM	43.5	39.6	03:35 AM - 03:40 AM	38.2	37.1
10:20 PM - 10:25 PM	42.7	41.3	01:00 AM - 01:05 AM	40.8	39.7	03:40 AM - 03:45 AM	39.3	37.6
10:25 PM - 10:30 PM	42.6	41.3	01:05 AM - 01:10 AM	39.8	38.8	03:45 AM - 03:50 AM	38.4	36.7
10:30 PM - 10:35 PM	42.2	40.8	01:10 AM - 01:15 AM	41.7	39.4	03:50 AM - 03:55 AM	38.5	36.7
10:35 PM - 10:40 PM	42.1	40.9	01:15 AM - 01:20 AM	40.7	39.3	03:55 AM - 04:00 AM	38.2	37.3
10:40 PM - 10:45 PM	42.4	40.6	01:20 AM - 01:25 AM	40.7	39.3	04:00 AM - 04:05 AM	39.5	38.2
10:45 PM - 10:50 PM	44.2	41.0	01:25 AM - 01:30 AM	39.8	38.2	04:05 AM - 04:10 AM	40.5	38.6
10:50 PM - 10:55 PM	42.5	40.6	01:30 AM - 01:35 AM	40.3	38.7	04:10 AM - 04:15 AM	38.8	37.6
10:55 PM - 11:00 PM	41.7	40.9	01:35 AM - 01:40 AM	41.3	38.6	04:15 AM - 04:20 AM	39.5	38.1
11:00 PM - 11:05 PM	43.9	41.5	01:40 AM - 01:45 AM	41.7	38.0	04:20 AM - 04:25 AM	39.2	38.0
11:05 PM - 11:10 PM	43.9	41.3	01:45 AM - 01:50 AM	39.9	38.4	04:25 AM - 04:30 AM	38.7	37.1
11:10 PM - 11:15 PM	42.8	41.0	01:50 AM - 01:55 AM	40.4	39.2	04:30 AM - 04:35 AM	39.6	37.9
11:15 PM - 11:20 PM	44.2	41.0	01:55 AM - 02:00 AM	41.3	39.4	04:35 AM - 04:40 AM	38.5	37.5
11:20 PM - 11:25 PM	42.6	40.8	02:00 AM - 02:05 AM	40.7	39.2	04:40 AM - 04:45 AM	41.0	38.1
11:25 PM - 11:30 PM	41.8	40.6	02:05 AM - 02:10 AM	39.6	37.7	04:45 AM - 04:50 AM	40.5	38.6
11:30 PM - 11:35 PM	42.9	41.3	02:10 AM - 02:15 AM	42.0	38.9	04:50 AM - 04:55 AM	39.5	38.1
11:35 PM - 11:40 PM	48.2	40.6	02:15 AM - 02:20 AM	42.3	40.5	04:55 AM - 05:00 AM	40.0	38.4
11:40 PM - 11:45 PM	42.5	40.5	02:20 AM - 02:25 AM	43.1	42.4	05:00 AM - 05:05 AM	40.7	38.6
11:45 PM - 11:50 PM	44.5	40.8	02:25 AM - 02:30 AM	43.4	42.4	05:05 AM - 05:10 AM	41.1	39.4
11:50 PM - 11:55 PM	41.9	40.4	02:30 AM - 02:35 AM	43.6	42.6	05:10 AM - 05:15 AM	42.7	39.4
11:55 PM - 12:00 AM	42.9	40.3	02:35 AM - 02:40 AM	43.5	42.3	05:15 AM - 05:20 AM	41.7	40.1
12:00 AM - 12:05 AM	50.4	41.0	02:40 AM - 02:45 AM	44.1	42.6	05:20 AM - 05:25 AM	41.6	39.3
12:05 AM - 12:10 AM	41.3	40.1	02:45 AM - 02:50 AM	43.5	42.5	05:25 AM - 05:30 AM	44.8	38.7
12:10 AM - 12:15 AM	43.9	40.0	02:50 AM - 02:55 AM	43.5	42.6	05:30 AM - 05:35 AM	42.5	39.1
12:15 AM - 12:20 AM	41.1	39.7	02:55 AM - 03:00 AM	43.8	42.8	05:35 AM - 05:40 AM	45.1	39.7
12:20 AM - 12:25 AM	41.6	40.2	03:00 AM - 03:05 AM	44.1	42.7	05:40 AM - 05:45 AM	46.6	39.6
12:25 AM - 12:30 AM	42.7	40.4	03:05 AM - 03:10 AM	43.6	42.7	05:45 AM - 05:50 AM	46.4	40.9
12:30 AM - 12:35 AM	42.4	40.4	03:10 AM - 03:15 AM	43.4	42.5	05:50 AM - 05:55 AM	46.4	41.4
12:35 AM - 12:40 AM	41.7	39.7	03:15 AM - 03:20 AM	43.0	42.1	05:55 AM - 06:00 AM	46.7	40.5

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331487-1

Page 3 of 3

Sample Number : 2244227-14
Parameter : Noise Level (Leq 5 min)
Location : ขนหินด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเรียง 1 (GPS 48P 0194661, 1653152)
Measurement Date : May 29 - May 30, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 709776

May 30, 2022 Time	Leq dB(A)	L90 dB(A)	May 30, 2022 Time	Leq dB(A)	L90 dB(A)	May 30, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 AM - 06:05 AM	50.5	41.1	08:40 AM - 08:45 AM	47.3	39.9	11:20 AM - 11:25 AM	46.1	35.7
06:05 AM - 06:10 AM	45.4	40.9	08:45 AM - 08:50 AM	43.6	40.8	11:25 AM - 11:30 AM	42.4	34.9
06:10 AM - 06:15 AM	49.3	43.1	08:50 AM - 08:55 AM	45.7	40.1	11:30 AM - 11:35 AM	45.4	33.9
06:15 AM - 06:20 AM	46.2	41.9	08:55 AM - 09:00 AM	43.8	39.2	11:35 AM - 11:40 AM	38.5	34.9
06:20 AM - 06:25 AM	47.6	43.4	09:00 AM - 09:05 AM	49.5	42.4	11:40 AM - 11:45 AM	42.7	35.0
06:25 AM - 06:30 AM	47.4	43.8	09:05 AM - 09:10 AM	46.7	38.5	11:45 AM - 11:50 AM	40.2	34.5
06:30 AM - 06:35 AM	51.9	43.8	09:10 AM - 09:15 AM	40.7	37.6	11:50 AM - 11:55 AM	45.0	34.0
06:35 AM - 06:40 AM	46.9	42.4	09:15 AM - 09:20 AM	44.9	38.8	11:55 AM - 12:00 PM	38.7	33.6
06:40 AM - 06:45 AM	46.7	42.6	09:20 AM - 09:25 AM	44.2	38.7	12:00 PM - 12:05 PM	45.3	35.0
06:45 AM - 06:50 AM	46.7	41.7	09:25 AM - 09:30 AM	44.8	39.8	12:05 PM - 12:10 PM	42.4	37.0
06:50 AM - 06:55 AM	46.2	41.7	09:30 AM - 09:35 AM	43.4	37.8	12:10 PM - 12:15 PM	42.3	36.5
06:55 AM - 07:00 AM	51.0	41.9	09:35 AM - 09:40 AM	44.4	37.4	12:15 PM - 12:20 PM	45.5	35.2
07:00 AM - 07:05 AM	48.9	42.8	09:40 AM - 09:45 AM	47.0	37.7	12:20 PM - 12:25 PM	42.2	34.5
07:05 AM - 07:10 AM	47.5	42.8	09:45 AM - 09:50 AM	44.4	39.1	12:25 PM - 12:30 PM	49.8	34.2
07:10 AM - 07:15 AM	47.8	43.8	09:50 AM - 09:55 AM	50.2	38.6	12:30 PM - 12:35 PM	45.3	35.0
07:15 AM - 07:20 AM	48.7	43.8	09:55 AM - 10:00 AM	46.6	38.8	12:35 PM - 12:40 PM	46.7	38.5
07:20 AM - 07:25 AM	52.4	44.5	10:00 AM - 10:05 AM	41.5	38.8	12:40 PM - 12:45 PM	40.7	37.6
07:25 AM - 07:30 AM	48.6	44.4	10:05 AM - 10:10 AM	51.2	39.8	12:45 PM - 12:50 PM	44.9	38.8
07:30 AM - 07:35 AM	51.3	44.7	10:10 AM - 10:15 AM	46.4	37.8	12:50 PM - 12:55 PM	44.8	38.7
07:35 AM - 07:40 AM	49.2	43.7	10:15 AM - 10:20 AM	46.2	37.5	12:55 PM - 01:00 PM	42.5	39.1
07:40 AM - 07:45 AM	48.0	42.7	10:20 AM - 10:25 AM	40.3	37.7	01:00 PM - 01:05 PM	45.1	39.7
07:45 AM - 07:50 AM	48.7	42.1	10:25 AM - 10:30 AM	40.7	38.0	01:05 PM - 01:10 PM	46.6	39.6
07:50 AM - 07:55 AM	46.7	40.7	10:30 AM - 10:35 AM	43.8	37.8	01:10 PM - 01:15 PM	46.4	40.9
07:55 AM - 08:00 AM	49.3	40.0	10:35 AM - 10:40 AM	45.0	35.9	01:15 PM - 01:20 PM	44.7	39.2
08:00 AM - 08:05 AM	49.4	40.8	10:40 AM - 10:45 AM	43.2	37.0	01:20 PM - 01:25 PM	43.6	39.0
08:05 AM - 08:10 AM	44.2	39.2	10:45 AM - 10:50 AM	43.4	36.1	01:25 PM - 01:30 PM	44.2	37.3
08:10 AM - 08:15 AM	44.7	39.6	10:50 AM - 10:55 AM	42.2	37.4	01:30 PM - 01:35 PM	44.9	40.9
08:15 AM - 08:20 AM	42.0	39.1	10:55 AM - 11:00 AM	41.1	36.5	01:35 PM - 01:40 PM	46.6	41.2
08:20 AM - 08:25 AM	41.4	38.9	11:00 AM - 11:05 AM	45.1	36.5	01:40 PM - 01:45 PM	43.2	37.0
08:25 AM - 08:30 AM	49.0	39.9	11:05 AM - 11:10 AM	46.2	35.9	01:45 PM - 01:50 PM	43.4	36.1
08:30 AM - 08:35 AM	42.9	38.6	11:10 AM - 11:15 AM	46.1	36.0	01:50 PM - 01:55 PM	48.9	42.8
08:35 AM - 08:40 AM	45.6	40.1	11:15 AM - 11:20 AM	45.8	36.1	01:55 PM - 02:00 PM	47.5	42.8

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331488-1

Page 1 of 3

Sample Number : 2244227-15
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 23 - May 24, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 23, 2022 Time	Leq dB(A)	L90 dB(A)	May 23, 2022 Time	Leq dB(A)	L90 dB(A)	May 23, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 PM - 02:05 PM	59.4	52.7	04:40 PM - 04:45 PM	57.3	53.7	07:20 PM - 07:25 PM	63.7	60.8
02:05 PM - 02:10 PM	56.9	52.5	04:45 PM - 04:50 PM	58.6	54.0	07:25 PM - 07:30 PM	63.3	60.2
02:10 PM - 02:15 PM	56.8	52.9	04:50 PM - 04:55 PM	59.8	52.9	07:30 PM - 07:35 PM	63.6	60.4
02:15 PM - 02:20 PM	57.6	52.0	04:55 PM - 05:00 PM	63.3	58.5	07:35 PM - 07:40 PM	62.9	60.3
02:20 PM - 02:25 PM	57.7	53.1	05:00 PM - 05:05 PM	63.3	60.0	07:40 PM - 07:45 PM	62.6	59.7
02:25 PM - 02:30 PM	57.2	53.4	05:05 PM - 05:10 PM	62.3	57.4	07:45 PM - 07:50 PM	62.6	60.0
02:30 PM - 02:35 PM	56.4	51.7	05:10 PM - 05:15 PM	61.0	55.6	07:50 PM - 07:55 PM	62.9	59.2
02:35 PM - 02:40 PM	56.6	51.9	05:15 PM - 05:20 PM	60.5	55.7	07:55 PM - 08:00 PM	66.7	61.3
02:40 PM - 02:45 PM	56.1	52.5	05:20 PM - 05:25 PM	59.1	54.5	08:00 PM - 08:05 PM	64.5	58.7
02:45 PM - 02:50 PM	59.2	52.5	05:25 PM - 05:30 PM	60.1	55.4	08:05 PM - 08:10 PM	62.1	55.6
02:50 PM - 02:55 PM	59.0	52.4	05:30 PM - 05:35 PM	60.3	55.6	08:10 PM - 08:15 PM	60.4	54.2
02:55 PM - 03:00 PM	57.9	52.4	05:35 PM - 05:40 PM	60.5	55.7	08:15 PM - 08:20 PM	57.3	51.9
03:00 PM - 03:05 PM	58.7	52.0	05:40 PM - 05:45 PM	59.2	54.5	08:20 PM - 08:25 PM	60.1	53.8
03:05 PM - 03:10 PM	57.9	53.6	05:45 PM - 05:50 PM	59.8	54.9	08:25 PM - 08:30 PM	58.2	52.5
03:10 PM - 03:15 PM	56.4	52.1	05:50 PM - 05:55 PM	59.1	55.0	08:30 PM - 08:35 PM	56.3	50.7
03:15 PM - 03:20 PM	59.4	52.7	05:55 PM - 06:00 PM	63.4	55.5	08:35 PM - 08:40 PM	57.1	52.0
03:20 PM - 03:25 PM	58.4	52.6	06:00 PM - 06:05 PM	63.2	57.5	08:40 PM - 08:45 PM	57.1	50.5
03:25 PM - 03:30 PM	58.7	53.0	06:05 PM - 06:10 PM	61.4	57.4	08:45 PM - 08:50 PM	56.0	51.5
03:30 PM - 03:35 PM	58.3	53.5	06:10 PM - 06:15 PM	60.5	55.3	08:50 PM - 08:55 PM	56.2	51.3
03:35 PM - 03:40 PM	56.3	53.0	06:15 PM - 06:20 PM	60.5	55.5	08:55 PM - 09:00 PM	60.8	53.2
03:40 PM - 03:45 PM	57.2	53.1	06:20 PM - 06:25 PM	61.6	56.8	09:00 PM - 09:05 PM	58.8	52.7
03:45 PM - 03:50 PM	58.0	53.4	06:25 PM - 06:30 PM	61.5	56.2	09:05 PM - 09:10 PM	57.0	50.5
03:50 PM - 03:55 PM	57.0	53.5	06:30 PM - 06:35 PM	61.2	56.3	09:10 PM - 09:15 PM	56.4	50.2
03:55 PM - 04:00 PM	62.7	55.5	06:35 PM - 06:40 PM	60.8	56.0	09:15 PM - 09:20 PM	58.7	50.0
04:00 PM - 04:05 PM	62.3	57.8	06:40 PM - 06:45 PM	60.3	55.9	09:20 PM - 09:25 PM	53.9	49.7
04:05 PM - 04:10 PM	60.3	56.4	06:45 PM - 06:50 PM	61.2	55.2	09:25 PM - 09:30 PM	54.5	49.6
04:10 PM - 04:15 PM	59.1	54.8	06:50 PM - 06:55 PM	60.1	54.2	09:30 PM - 09:35 PM	55.9	49.8
04:15 PM - 04:20 PM	56.5	52.4	06:55 PM - 07:00 PM	64.9	59.2	09:35 PM - 09:40 PM	58.9	50.2
04:20 PM - 04:25 PM	58.2	53.1	07:00 PM - 07:05 PM	63.3	59.4	09:40 PM - 09:45 PM	56.3	50.0
04:25 PM - 04:30 PM	58.4	54.4	07:05 PM - 07:10 PM	63.3	60.5	09:45 PM - 09:50 PM	55.1	49.8
04:30 PM - 04:35 PM	59.4	54.4	07:10 PM - 07:15 PM	62.7	60.4	09:50 PM - 09:55 PM	53.9	50.0
04:35 PM - 04:40 PM	58.9	53.5	07:15 PM - 07:20 PM	62.8	60.5	09:55 PM - 10:00 PM	55.7	50.7

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331488-1

Page 2 of 3

Sample Number : 2244227-15
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 23 - May 24, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 23 - May 24, 2022	Leq	L90	May 24, 2022	Leq	L90	May 24, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	53.7	50.2	12:40 AM - 12:45 AM	52.4	49.6	03:20 AM - 03:25 AM	51.1	48.9
10:05 PM - 10:10 PM	52.3	50.0	12:45 AM - 12:50 AM	57.7	49.6	03:25 AM - 03:30 AM	50.3	49.2
10:10 PM - 10:15 PM	55.3	50.5	12:50 AM - 12:55 AM	56.8	49.6	03:30 AM - 03:35 AM	50.2	48.9
10:15 PM - 10:20 PM	56.6	50.1	12:55 AM - 01:00 AM	53.2	48.6	03:35 AM - 03:40 AM	50.0	48.5
10:20 PM - 10:25 PM	53.3	49.5	01:00 AM - 01:05 AM	58.2	57.4	03:40 AM - 03:45 AM	52.0	48.7
10:25 PM - 10:30 PM	52.6	49.6	01:05 AM - 01:10 AM	58.4	57.6	03:45 AM - 03:50 AM	51.7	48.8
10:30 PM - 10:35 PM	54.4	49.9	01:10 AM - 01:15 AM	58.5	57.6	03:50 AM - 03:55 AM	49.8	48.5
10:35 PM - 10:40 PM	52.4	49.8	01:15 AM - 01:20 AM	58.1	57.3	03:55 AM - 04:00 AM	58.7	49.0
10:40 PM - 10:45 PM	51.5	49.5	01:20 AM - 01:25 AM	58.7	57.4	04:00 AM - 04:05 AM	54.3	49.0
10:45 PM - 10:50 PM	53.4	49.8	01:25 AM - 01:30 AM	58.3	57.3	04:05 AM - 04:10 AM	50.3	48.4
10:50 PM - 10:55 PM	51.8	49.1	01:30 AM - 01:35 AM	58.1	57.3	04:10 AM - 04:15 AM	53.1	48.4
10:55 PM - 11:00 PM	54.8	49.1	01:35 AM - 01:40 AM	58.0	57.3	04:15 AM - 04:20 AM	55.1	48.9
11:00 PM - 11:05 PM	54.1	49.0	01:40 AM - 01:45 AM	58.5	57.2	04:20 AM - 04:25 AM	51.3	48.6
11:05 PM - 11:10 PM	51.4	48.9	01:45 AM - 01:50 AM	58.6	57.4	04:25 AM - 04:30 AM	50.9	48.7
11:10 PM - 11:15 PM	51.5	48.7	01:50 AM - 01:55 AM	53.0	49.1	04:30 AM - 04:35 AM	52.2	48.8
11:15 PM - 11:20 PM	51.0	49.1	01:55 AM - 02:00 AM	57.1	49.7	04:35 AM - 04:40 AM	50.9	48.3
11:20 PM - 11:25 PM	50.9	49.2	02:00 AM - 02:05 AM	58.8	58.0	04:40 AM - 04:45 AM	53.3	48.5
11:25 PM - 11:30 PM	53.4	49.5	02:05 AM - 02:10 AM	58.8	57.5	04:45 AM - 04:50 AM	54.6	48.9
11:30 PM - 11:35 PM	55.4	49.8	02:10 AM - 02:15 AM	58.1	57.3	04:50 AM - 04:55 AM	52.3	48.3
11:35 PM - 11:40 PM	52.6	49.5	02:15 AM - 02:20 AM	63.6	57.4	04:55 AM - 05:00 AM	60.1	51.3
11:40 PM - 11:45 PM	50.4	49.2	02:20 AM - 02:25 AM	57.9	57.3	05:00 AM - 05:05 AM	57.5	54.0
11:45 PM - 11:50 PM	50.8	49.4	02:25 AM - 02:30 AM	58.5	49.4	05:05 AM - 05:10 AM	59.8	54.4
11:50 PM - 11:55 PM	50.7	49.3	02:30 AM - 02:35 AM	54.6	49.7	05:10 AM - 05:15 AM	60.2	50.9
11:55 PM - 12:00 AM	52.6	49.5	02:35 AM - 02:40 AM	52.7	49.4	05:15 AM - 05:20 AM	57.6	55.4
12:00 AM - 12:05 AM	53.7	49.8	02:40 AM - 02:45 AM	53.0	49.6	05:20 AM - 05:25 AM	57.6	52.8
12:05 AM - 12:10 AM	54.8	50.2	02:45 AM - 02:50 AM	52.9	49.5	05:25 AM - 05:30 AM	58.2	51.4
12:10 AM - 12:15 AM	60.9	49.7	02:50 AM - 02:55 AM	52.2	49.6	05:30 AM - 05:35 AM	56.2	51.5
12:15 AM - 12:20 AM	61.5	50.0	02:55 AM - 03:00 AM	53.5	49.4	05:35 AM - 05:40 AM	59.3	51.5
12:20 AM - 12:25 AM	56.1	49.7	03:00 AM - 03:05 AM	54.7	49.2	05:40 AM - 05:45 AM	55.5	51.0
12:25 AM - 12:30 AM	52.7	49.9	03:05 AM - 03:10 AM	51.7	49.2	05:45 AM - 05:50 AM	57.7	51.2
12:30 AM - 12:35 AM	55.1	49.6	03:10 AM - 03:15 AM	52.7	49.1	05:50 AM - 05:55 AM	56.0	51.7
12:35 AM - 12:40 AM	52.2	49.7	03:15 AM - 03:20 AM	54.2	49.3	05:55 AM - 06:00 AM	60.5	54.2

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331488-1

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Sample Number : 2244227-15
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 23 - May 24, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 24, 2022 Time	Leq dB(A)	L90 dB(A)	May 24, 2022 Time	Leq dB(A)	L90 dB(A)	May 24, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 AM - 06:05 AM	59.3	55.0	08:40 AM - 08:45 AM	59.9	53.5	11:20 AM - 11:25 AM	59.0	56.7
06:05 AM - 06:10 AM	59.3	55.1	08:45 AM - 08:50 AM	58.9	54.4	11:25 AM - 11:30 AM	63.3	56.1
06:10 AM - 06:15 AM	64.1	56.2	08:50 AM - 08:55 AM	60.3	52.7	11:30 AM - 11:35 AM	57.8	55.9
06:15 AM - 06:20 AM	61.4	58.5	08:55 AM - 09:00 AM	58.4	52.8	11:35 AM - 11:40 AM	58.7	56.3
06:20 AM - 06:25 AM	61.6	58.0	09:00 AM - 09:05 AM	56.5	52.3	11:40 AM - 11:45 AM	59.4	56.2
06:25 AM - 06:30 AM	63.2	57.8	09:05 AM - 09:10 AM	58.3	53.5	11:45 AM - 11:50 AM	59.4	56.7
06:30 AM - 06:35 AM	63.7	58.9	09:10 AM - 09:15 AM	59.6	57.6	11:50 AM - 11:55 AM	57.9	56.1
06:35 AM - 06:40 AM	63.7	58.7	09:15 AM - 09:20 AM	59.4	57.9	11:55 AM - 12:00 PM	60.2	56.3
06:40 AM - 06:45 AM	65.2	59.1	09:20 AM - 09:25 AM	59.0	56.7	12:00 PM - 12:05 PM	59.8	56.2
06:45 AM - 06:50 AM	63.2	57.4	09:25 AM - 09:30 AM	58.7	56.5	12:05 PM - 12:10 PM	58.0	55.8
06:50 AM - 06:55 AM	60.9	56.4	09:30 AM - 09:35 AM	61.0	56.9	12:10 PM - 12:15 PM	59.6	56.0
06:55 AM - 07:00 AM	63.8	60.2	09:35 AM - 09:40 AM	59.4	56.7	12:15 PM - 12:20 PM	57.8	55.9
07:00 AM - 07:05 AM	66.7	62.6	09:40 AM - 09:45 AM	59.0	56.7	12:20 PM - 12:25 PM	58.0	56.3
07:05 AM - 07:10 AM	64.8	61.7	09:45 AM - 09:50 AM	58.6	56.2	12:25 PM - 12:30 PM	58.4	56.3
07:10 AM - 07:15 AM	65.0	62.2	09:50 AM - 09:55 AM	58.7	56.7	12:30 PM - 12:35 PM	59.3	56.0
07:15 AM - 07:20 AM	65.8	62.9	09:55 AM - 10:00 AM	60.0	56.4	12:35 PM - 12:40 PM	59.3	56.2
07:20 AM - 07:25 AM	65.4	61.9	10:00 AM - 10:05 AM	61.9	56.3	12:40 PM - 12:45 PM	58.8	56.1
07:25 AM - 07:30 AM	66.1	61.1	10:05 AM - 10:10 AM	58.3	56.2	12:45 PM - 12:50 PM	57.9	55.9
07:30 AM - 07:35 AM	65.5	61.0	10:10 AM - 10:15 AM	58.6	56.6	12:50 PM - 12:55 PM	57.9	56.0
07:35 AM - 07:40 AM	65.2	60.0	10:15 AM - 10:20 AM	58.5	56.2	12:55 PM - 01:00 PM	58.3	55.8
07:40 AM - 07:45 AM	63.4	58.4	10:20 AM - 10:25 AM	59.6	56.3	01:00 PM - 01:05 PM	58.4	55.6
07:45 AM - 07:50 AM	65.7	55.0	10:25 AM - 10:30 AM	58.0	56.2	01:05 PM - 01:10 PM	58.8	55.8
07:50 AM - 07:55 AM	57.7	51.9	10:30 AM - 10:35 AM	59.3	56.6	01:10 PM - 01:15 PM	59.2	56.0
07:55 AM - 08:00 AM	60.6	53.4	10:35 AM - 10:40 AM	57.9	56.0	01:15 PM - 01:20 PM	58.7	55.5
08:00 AM - 08:05 AM	62.7	57.1	10:40 AM - 10:45 AM	59.6	56.1	01:20 PM - 01:25 PM	58.3	55.6
08:05 AM - 08:10 AM	63.4	56.7	10:45 AM - 10:50 AM	61.1	56.8	01:25 PM - 01:30 PM	58.8	56.0
08:10 AM - 08:15 AM	58.1	54.5	10:50 AM - 10:55 AM	59.1	57.2	01:30 PM - 01:35 PM	59.9	56.1
08:15 AM - 08:20 AM	58.4	52.9	10:55 AM - 11:00 AM	60.8	56.8	01:35 PM - 01:40 PM	58.3	56.2
08:20 AM - 08:25 AM	62.1	54.0	11:00 AM - 11:05 AM	58.9	56.5	01:40 PM - 01:45 PM	59.8	56.2
08:25 AM - 08:30 AM	59.1	53.7	11:05 AM - 11:10 AM	61.3	57.0	01:45 PM - 01:50 PM	59.6	56.1
08:30 AM - 08:35 AM	59.5	53.2	11:10 AM - 11:15 AM	60.2	57.6	01:50 PM - 01:55 PM	59.2	55.6
08:35 AM - 08:40 AM	61.1	53.9	11:15 AM - 11:20 AM	59.6	56.7	01:55 PM - 02:00 PM	58.5	55.9

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331489-1

Page 1 of 3

Sample Number : 2244227-16
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 24 - May 25, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 24, 2022 Time	Leq dB(A)	L90 dB(A)	May 24, 2022 Time	Leq dB(A)	L90 dB(A)	May 24, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 PM - 02:05 PM	58.4	56.1	04:40 PM - 04:45 PM	59.4	58.2	07:20 PM - 07:25 PM	61.4	58.7
02:05 PM - 02:10 PM	59.8	56.8	04:45 PM - 04:50 PM	61.3	59.0	07:25 PM - 07:30 PM	62.3	59.4
02:10 PM - 02:15 PM	61.9	57.5	04:50 PM - 04:55 PM	62.5	59.8	07:30 PM - 07:35 PM	61.4	59.1
02:15 PM - 02:20 PM	64.0	60.7	04:55 PM - 05:00 PM	66.5	60.8	07:35 PM - 07:40 PM	61.6	58.3
02:20 PM - 02:25 PM	59.4	58.2	05:00 PM - 05:05 PM	65.5	60.8	07:40 PM - 07:45 PM	60.5	55.1
02:25 PM - 02:30 PM	61.3	59.0	05:05 PM - 05:10 PM	64.2	60.9	07:45 PM - 07:50 PM	60.8	54.2
02:30 PM - 02:35 PM	62.5	59.8	05:10 PM - 05:15 PM	63.8	62.1	07:50 PM - 07:55 PM	58.7	52.8
02:35 PM - 02:40 PM	66.8	61.6	05:15 PM - 05:20 PM	63.0	60.6	07:55 PM - 08:00 PM	64.4	57.2
02:40 PM - 02:45 PM	63.0	60.6	05:20 PM - 05:25 PM	61.2	59.2	08:00 PM - 08:05 PM	65.1	57.9
02:45 PM - 02:50 PM	64.0	60.7	05:25 PM - 05:30 PM	62.0	59.3	08:05 PM - 08:10 PM	62.8	56.1
02:50 PM - 02:55 PM	61.2	59.0	05:30 PM - 05:35 PM	61.8	59.1	08:10 PM - 08:15 PM	60.4	55.2
02:55 PM - 03:00 PM	62.7	58.6	05:35 PM - 05:40 PM	62.2	58.6	08:15 PM - 08:20 PM	61.1	54.7
03:00 PM - 03:05 PM	59.9	58.4	05:40 PM - 05:45 PM	60.4	58.9	08:20 PM - 08:25 PM	60.1	54.9
03:05 PM - 03:10 PM	60.9	58.9	05:45 PM - 05:50 PM	61.5	58.7	08:25 PM - 08:30 PM	60.8	55.8
03:10 PM - 03:15 PM	61.2	59.0	05:50 PM - 05:55 PM	61.4	58.9	08:30 PM - 08:35 PM	60.2	52.0
03:15 PM - 03:20 PM	60.1	58.5	05:55 PM - 06:00 PM	64.2	61.0	08:35 PM - 08:40 PM	55.3	51.1
03:20 PM - 03:25 PM	59.4	57.9	06:00 PM - 06:05 PM	64.4	61.2	08:40 PM - 08:45 PM	58.5	51.4
03:25 PM - 03:30 PM	59.7	58.1	06:05 PM - 06:10 PM	64.4	60.2	08:45 PM - 08:50 PM	57.2	52.3
03:30 PM - 03:35 PM	62.0	58.5	06:10 PM - 06:15 PM	61.7	59.2	08:50 PM - 08:55 PM	55.5	51.1
03:35 PM - 03:40 PM	61.3	58.0	06:15 PM - 06:20 PM	62.4	59.8	08:55 PM - 09:00 PM	60.2	52.9
03:40 PM - 03:45 PM	62.0	58.5	06:20 PM - 06:25 PM	62.5	59.5	09:00 PM - 09:05 PM	60.8	55.5
03:45 PM - 03:50 PM	61.3	59.8	06:25 PM - 06:30 PM	63.3	59.5	09:05 PM - 09:10 PM	60.8	51.8
03:50 PM - 03:55 PM	61.0	59.5	06:30 PM - 06:35 PM	64.8	59.9	09:10 PM - 09:15 PM	57.0	51.7
03:55 PM - 04:00 PM	63.1	59.2	06:35 PM - 06:40 PM	62.8	59.4	09:15 PM - 09:20 PM	56.1	51.6
04:00 PM - 04:05 PM	63.4	60.2	06:40 PM - 06:45 PM	61.1	58.7	09:20 PM - 09:25 PM	53.6	50.5
04:05 PM - 04:10 PM	61.1	58.8	06:45 PM - 06:50 PM	63.1	58.2	09:25 PM - 09:30 PM	53.4	51.0
04:10 PM - 04:15 PM	62.4	58.6	06:50 PM - 06:55 PM	61.5	58.5	09:30 PM - 09:35 PM	53.6	50.9
04:15 PM - 04:20 PM	61.1	59.0	06:55 PM - 07:00 PM	65.6	61.8	09:35 PM - 09:40 PM	57.8	52.3
04:20 PM - 04:25 PM	61.1	59.4	07:00 PM - 07:05 PM	66.2	61.7	09:40 PM - 09:45 PM	56.0	52.0
04:25 PM - 04:30 PM	61.4	59.3	07:05 PM - 07:10 PM	64.4	60.1	09:45 PM - 09:50 PM	54.4	51.6
04:30 PM - 04:35 PM	61.4	59.4	07:10 PM - 07:15 PM	62.4	59.3	09:50 PM - 09:55 PM	55.0	51.4
04:35 PM - 04:40 PM	60.6	58.8	07:15 PM - 07:20 PM	63.0	59.3	09:55 PM - 10:00 PM	55.5	50.3

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331489-1

Page 2 of 3

Sample Number : 2244227-16
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 24 - May 25, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 24 - May 25, 2022	Leq	L90	May 25, 2022	Leq	L90	May 25, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	55.1	51.2	12:40 AM - 12:45 AM	52.3	50.3	03:20 AM - 03:25 AM	52.8	49.7
10:05 PM - 10:10 PM	62.3	51.3	12:45 AM - 12:50 AM	52.3	49.7	03:25 AM - 03:30 AM	53.2	49.6
10:10 PM - 10:15 PM	55.7	50.6	12:50 AM - 12:55 AM	51.2	48.7	03:30 AM - 03:35 AM	51.2	49.5
10:15 PM - 10:20 PM	53.6	50.2	12:55 AM - 01:00 AM	52.7	48.7	03:35 AM - 03:40 AM	51.1	49.2
10:20 PM - 10:25 PM	53.6	50.5	01:00 AM - 01:05 AM	51.2	48.5	03:40 AM - 03:45 AM	50.5	49.1
10:25 PM - 10:30 PM	53.0	50.4	01:05 AM - 01:10 AM	50.1	48.8	03:45 AM - 03:50 AM	51.2	49.5
10:30 PM - 10:35 PM	54.0	50.4	01:10 AM - 01:15 AM	52.9	49.0	03:50 AM - 03:55 AM	52.7	49.7
10:35 PM - 10:40 PM	53.4	50.5	01:15 AM - 01:20 AM	50.1	48.9	03:55 AM - 04:00 AM	53.9	50.1
10:40 PM - 10:45 PM	58.6	50.9	01:20 AM - 01:25 AM	51.6	48.9	04:00 AM - 04:05 AM	53.5	49.7
10:45 PM - 10:50 PM	55.4	50.7	01:25 AM - 01:30 AM	53.6	49.0	04:05 AM - 04:10 AM	55.2	50.0
10:50 PM - 10:55 PM	53.7	50.4	01:30 AM - 01:35 AM	52.5	49.0	04:10 AM - 04:15 AM	52.9	49.9
10:55 PM - 11:00 PM	54.7	49.7	01:35 AM - 01:40 AM	50.4	49.8	04:15 AM - 04:20 AM	51.2	49.6
11:00 PM - 11:05 PM	56.3	49.8	01:40 AM - 01:45 AM	53.3	50.2	04:20 AM - 04:25 AM	55.1	50.0
11:05 PM - 11:10 PM	52.4	49.5	01:45 AM - 01:50 AM	53.3	50.4	04:25 AM - 04:30 AM	51.6	49.9
11:10 PM - 11:15 PM	53.6	49.4	01:50 AM - 01:55 AM	53.4	50.0	04:30 AM - 04:35 AM	51.7	49.9
11:15 PM - 11:20 PM	54.7	50.0	01:55 AM - 02:00 AM	53.6	49.6	04:35 AM - 04:40 AM	55.3	50.6
11:20 PM - 11:25 PM	51.3	49.8	02:00 AM - 02:05 AM	61.5	50.1	04:40 AM - 04:45 AM	54.6	50.7
11:25 PM - 11:30 PM	51.7	50.2	02:05 AM - 02:10 AM	51.4	50.1	04:45 AM - 04:50 AM	52.8	50.4
11:30 PM - 11:35 PM	53.0	50.4	02:10 AM - 02:15 AM	50.7	49.7	04:50 AM - 04:55 AM	54.0	49.7
11:35 PM - 11:40 PM	52.1	50.4	02:15 AM - 02:20 AM	55.5	49.8	04:55 AM - 05:00 AM	57.9	50.6
11:40 PM - 11:45 PM	51.0	49.9	02:20 AM - 02:25 AM	50.2	49.7	05:00 AM - 05:05 AM	58.8	53.2
11:45 PM - 11:50 PM	52.4	50.2	02:25 AM - 02:30 AM	50.8	49.7	05:05 AM - 05:10 AM	59.1	52.5
11:50 PM - 11:55 PM	58.0	50.2	02:30 AM - 02:35 AM	51.1	49.8	05:10 AM - 05:15 AM	58.0	51.1
11:55 PM - 12:00 AM	53.9	50.0	02:35 AM - 02:40 AM	54.2	49.9	05:15 AM - 05:20 AM	56.5	51.5
12:00 AM - 12:05 AM	54.0	50.4	02:40 AM - 02:45 AM	52.6	49.8	05:20 AM - 05:25 AM	56.1	52.1
12:05 AM - 12:10 AM	54.8	50.6	02:45 AM - 02:50 AM	51.5	49.8	05:25 AM - 05:30 AM	58.2	52.3
12:10 AM - 12:15 AM	51.2	49.9	02:50 AM - 02:55 AM	51.3	49.7	05:30 AM - 05:35 AM	60.8	53.0
12:15 AM - 12:20 AM	51.6	50.3	02:55 AM - 03:00 AM	53.7	49.7	05:35 AM - 05:40 AM	59.8	53.0
12:20 AM - 12:25 AM	55.2	50.4	03:00 AM - 03:05 AM	52.5	49.6	05:40 AM - 05:45 AM	55.8	51.3
12:25 AM - 12:30 AM	52.1	50.4	03:05 AM - 03:10 AM	51.0	49.7	05:45 AM - 05:50 AM	56.7	52.8
12:30 AM - 12:35 AM	54.2	50.5	03:10 AM - 03:15 AM	52.8	50.0	05:50 AM - 05:55 AM	56.7	52.7
12:35 AM - 12:40 AM	52.8	50.6	03:15 AM - 03:20 AM	53.2	50.1	05:55 AM - 06:00 AM	59.8	55.2

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331489-1

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Sample Number : 2244227-16
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 24 - May 25, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 25, 2022 Time	Leq dB(A)	L90 dB(A)	May 25, 2022 Time	Leq dB(A)	L90 dB(A)	May 25, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 AM - 06:05 AM	59.4	56.3	08:40 AM - 08:45 AM	59.6	57.3	11:20 AM - 11:25 AM	55.7	51.0
06:05 AM - 06:10 AM	58.7	54.7	08:45 AM - 08:50 AM	63.0	58.2	11:25 AM - 11:30 AM	59.2	52.9
06:10 AM - 06:15 AM	59.5	55.9	08:50 AM - 08:55 AM	60.6	57.3	11:30 AM - 11:35 AM	57.9	53.2
06:15 AM - 06:20 AM	61.1	58.1	08:55 AM - 09:00 AM	62.1	57.3	11:35 AM - 11:40 AM	58.3	52.3
06:20 AM - 06:25 AM	63.0	57.6	09:00 AM - 09:05 AM	59.7	54.3	11:40 AM - 11:45 AM	54.9	50.4
06:25 AM - 06:30 AM	61.9	58.2	09:05 AM - 09:10 AM	59.1	53.6	11:45 AM - 11:50 AM	57.5	51.8
06:30 AM - 06:35 AM	62.1	58.9	09:10 AM - 09:15 AM	58.0	53.9	11:50 AM - 11:55 AM	55.6	51.3
06:35 AM - 06:40 AM	63.9	58.1	09:15 AM - 09:20 AM	59.2	53.0	11:55 AM - 12:00 PM	58.3	52.4
06:40 AM - 06:45 AM	62.5	58.1	09:20 AM - 09:25 AM	56.7	52.8	12:00 PM - 12:05 PM	57.8	52.3
06:45 AM - 06:50 AM	62.2	57.0	09:25 AM - 09:30 AM	57.8	52.4	12:05 PM - 12:10 PM	56.0	52.5
06:50 AM - 06:55 AM	61.0	54.9	09:30 AM - 09:35 AM	59.8	53.5	12:10 PM - 12:15 PM	57.2	52.5
06:55 AM - 07:00 AM	64.1	59.7	09:35 AM - 09:40 AM	58.6	53.2	12:15 PM - 12:20 PM	57.7	52.4
07:00 AM - 07:05 AM	66.1	61.4	09:40 AM - 09:45 AM	58.1	52.9	12:20 PM - 12:25 PM	53.6	51.0
07:05 AM - 07:10 AM	64.3	61.5	09:45 AM - 09:50 AM	55.5	51.1	12:25 PM - 12:30 PM	56.1	51.8
07:10 AM - 07:15 AM	65.2	61.1	09:50 AM - 09:55 AM	55.3	50.7	12:30 PM - 12:35 PM	55.2	51.5
07:15 AM - 07:20 AM	66.6	61.8	09:55 AM - 10:00 AM	59.4	51.9	12:35 PM - 12:40 PM	58.8	51.5
07:20 AM - 07:25 AM	65.3	61.8	10:00 AM - 10:05 AM	57.3	52.1	12:40 PM - 12:45 PM	58.2	50.8
07:25 AM - 07:30 AM	66.7	62.8	10:05 AM - 10:10 AM	55.1	51.2	12:45 PM - 12:50 PM	55.7	51.0
07:30 AM - 07:35 AM	65.4	62.2	10:10 AM - 10:15 AM	55.2	51.2	12:50 PM - 12:55 PM	55.6	51.3
07:35 AM - 07:40 AM	65.6	62.0	10:15 AM - 10:20 AM	56.4	52.3	12:55 PM - 01:00 PM	60.0	50.4
07:40 AM - 07:45 AM	65.0	61.2	10:20 AM - 10:25 AM	56.8	51.4	01:00 PM - 01:05 PM	54.4	50.5
07:45 AM - 07:50 AM	61.6	58.5	10:25 AM - 10:30 AM	56.3	52.0	01:05 PM - 01:10 PM	57.5	51.1
07:50 AM - 07:55 AM	61.1	58.1	10:30 AM - 10:35 AM	56.6	51.3	01:10 PM - 01:15 PM	57.3	51.6
07:55 AM - 08:00 AM	64.1	58.4	10:35 AM - 10:40 AM	57.3	51.9	01:15 PM - 01:20 PM	60.1	53.2
08:00 AM - 08:05 AM	63.5	59.3	10:40 AM - 10:45 AM	57.3	51.4	01:20 PM - 01:25 PM	55.9	50.9
08:05 AM - 08:10 AM	62.1	58.7	10:45 AM - 10:50 AM	60.3	53.4	01:25 PM - 01:30 PM	56.7	50.9
08:10 AM - 08:15 AM	61.7	59.5	10:50 AM - 10:55 AM	60.0	54.7	01:30 PM - 01:35 PM	58.3	51.2
08:15 AM - 08:20 AM	60.7	58.0	10:55 AM - 11:00 AM	56.9	52.2	01:35 PM - 01:40 PM	55.9	52.0
08:20 AM - 08:25 AM	61.3	57.9	11:00 AM - 11:05 AM	57.2	52.5	01:40 PM - 01:45 PM	57.0	52.0
08:25 AM - 08:30 AM	64.2	57.4	11:05 AM - 11:10 AM	57.1	51.2	01:45 PM - 01:50 PM	56.9	52.7
08:30 AM - 08:35 AM	60.4	57.6	11:10 AM - 11:15 AM	59.0	53.1	01:50 PM - 01:55 PM	57.7	53.1
08:35 AM - 08:40 AM	60.9	57.7	11:15 AM - 11:20 AM	55.8	51.3	01:55 PM - 02:00 PM	56.8	53.0

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331490-1

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Sample Number : 2244227-17
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 25 - May 26, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 25, 2022 Time	Leq dB(A)	L90 dB(A)	May 25, 2022 Time	Leq dB(A)	L90 dB(A)	May 25, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 PM - 02:05 PM	57.4	53.8	04:40 PM - 04:45 PM	64.1	54.3	07:20 PM - 07:25 PM	65.6	61.9
02:05 PM - 02:10 PM	55.8	53.0	04:45 PM - 04:50 PM	58.4	53.9	07:25 PM - 07:30 PM	67.0	61.4
02:10 PM - 02:15 PM	57.0	52.8	04:50 PM - 04:55 PM	58.2	53.3	07:30 PM - 07:35 PM	66.3	61.1
02:15 PM - 02:20 PM	57.5	53.5	04:55 PM - 05:00 PM	63.9	56.3	07:35 PM - 07:40 PM	66.7	61.0
02:20 PM - 02:25 PM	59.6	53.5	05:00 PM - 05:05 PM	63.6	60.1	07:40 PM - 07:45 PM	66.9	61.1
02:25 PM - 02:30 PM	56.3	52.4	05:05 PM - 05:10 PM	61.8	57.9	07:45 PM - 07:50 PM	66.1	62.3
02:30 PM - 02:35 PM	55.0	51.9	05:10 PM - 05:15 PM	61.0	56.8	07:50 PM - 07:55 PM	62.4	56.2
02:35 PM - 02:40 PM	55.6	51.9	05:15 PM - 05:20 PM	60.6	55.6	07:55 PM - 08:00 PM	63.6	57.7
02:40 PM - 02:45 PM	56.1	52.7	05:20 PM - 05:25 PM	60.6	56.6	08:00 PM - 08:05 PM	64.1	59.6
02:45 PM - 02:50 PM	56.5	52.5	05:25 PM - 05:30 PM	60.3	54.5	08:05 PM - 08:10 PM	62.8	57.6
02:50 PM - 02:55 PM	56.5	52.4	05:30 PM - 05:35 PM	60.0	54.0	08:10 PM - 08:15 PM	59.7	54.2
02:55 PM - 03:00 PM	58.3	52.9	05:35 PM - 05:40 PM	59.5	53.5	08:15 PM - 08:20 PM	59.7	53.3
03:00 PM - 03:05 PM	58.9	53.3	05:40 PM - 05:45 PM	56.6	52.6	08:20 PM - 08:25 PM	58.5	53.2
03:05 PM - 03:10 PM	56.9	52.4	05:45 PM - 05:50 PM	59.0	54.2	08:25 PM - 08:30 PM	57.3	52.7
03:10 PM - 03:15 PM	58.2	52.5	05:50 PM - 05:55 PM	58.5	54.4	08:30 PM - 08:35 PM	61.5	52.7
03:15 PM - 03:20 PM	55.3	52.2	05:55 PM - 06:00 PM	62.4	58.5	08:35 PM - 08:40 PM	56.2	52.0
03:20 PM - 03:25 PM	58.0	53.2	06:00 PM - 06:05 PM	63.3	57.4	08:40 PM - 08:45 PM	60.7	52.4
03:25 PM - 03:30 PM	55.2	52.8	06:05 PM - 06:10 PM	60.3	55.5	08:45 PM - 08:50 PM	61.3	53.5
03:30 PM - 03:35 PM	56.8	53.1	06:10 PM - 06:15 PM	65.2	56.9	08:50 PM - 08:55 PM	63.2	61.7
03:35 PM - 03:40 PM	58.2	54.0	06:15 PM - 06:20 PM	61.8	56.2	08:55 PM - 09:00 PM	63.8	62.1
03:40 PM - 03:45 PM	56.9	53.2	06:20 PM - 06:25 PM	63.4	57.0	09:00 PM - 09:05 PM	65.6	61.1
03:45 PM - 03:50 PM	58.1	53.1	06:25 PM - 06:30 PM	62.2	56.3	09:05 PM - 09:10 PM	66.5	59.9
03:50 PM - 03:55 PM	56.9	53.7	06:30 PM - 06:35 PM	62.1	57.4	09:10 PM - 09:15 PM	66.2	58.9
03:55 PM - 04:00 PM	64.1	57.7	06:35 PM - 06:40 PM	61.7	55.8	09:15 PM - 09:20 PM	66.5	60.0
04:00 PM - 04:05 PM	62.7	57.7	06:40 PM - 06:45 PM	64.4	54.5	09:20 PM - 09:25 PM	66.6	60.0
04:05 PM - 04:10 PM	62.1	57.0	06:45 PM - 06:50 PM	64.1	54.6	09:25 PM - 09:30 PM	65.0	58.3
04:10 PM - 04:15 PM	57.5	53.9	06:50 PM - 06:55 PM	58.6	53.4	09:30 PM - 09:35 PM	67.2	61.4
04:15 PM - 04:20 PM	57.9	53.1	06:55 PM - 07:00 PM	64.3	60.2	09:35 PM - 09:40 PM	65.4	52.2
04:20 PM - 04:25 PM	57.4	52.7	07:00 PM - 07:05 PM	64.0	59.6	09:40 PM - 09:45 PM	54.5	51.8
04:25 PM - 04:30 PM	57.9	54.2	07:05 PM - 07:10 PM	62.6	57.9	09:45 PM - 09:50 PM	54.7	51.2
04:30 PM - 04:35 PM	56.4	52.6	07:10 PM - 07:15 PM	67.5	61.3	09:50 PM - 09:55 PM	57.1	51.4
04:35 PM - 04:40 PM	59.1	54.0	07:15 PM - 07:20 PM	66.9	62.5	09:55 PM - 10:00 PM	55.2	51.6

Approved by

Sarayuth Jittrantont
Assistant General Manager

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331490-1

Page 2 of 3

Sample Number : 2244227-17
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 25 - May 26, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 25 - May 26, 2022	Leq	L90	May 26, 2022	Leq	L90	May 26, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	61.5	51.4	12:40 AM - 12:45 AM	52.4	50.8	03:20 AM - 03:25 AM	51.4	50.5
10:05 PM - 10:10 PM	60.3	51.4	12:45 AM - 12:50 AM	52.1	50.6	03:25 AM - 03:30 AM	52.2	50.6
10:10 PM - 10:15 PM	55.8	51.2	12:50 AM - 12:55 AM	50.3	49.6	03:30 AM - 03:35 AM	51.0	50.5
10:15 PM - 10:20 PM	53.8	51.2	12:55 AM - 01:00 AM	55.6	49.9	03:35 AM - 03:40 AM	51.9	50.1
10:20 PM - 10:25 PM	55.8	51.8	01:00 AM - 01:05 AM	51.8	49.9	03:40 AM - 03:45 AM	54.3	50.5
10:25 PM - 10:30 PM	53.3	51.2	01:05 AM - 01:10 AM	50.2	49.7	03:45 AM - 03:50 AM	52.5	50.2
10:30 PM - 10:35 PM	63.3	51.1	01:10 AM - 01:15 AM	53.4	49.7	03:50 AM - 03:55 AM	52.2	50.6
10:35 PM - 10:40 PM	54.3	51.1	01:15 AM - 01:20 AM	52.3	49.6	03:55 AM - 04:00 AM	56.3	50.5
10:40 PM - 10:45 PM	53.9	51.1	01:20 AM - 01:25 AM	51.7	49.6	04:00 AM - 04:05 AM	53.8	50.5
10:45 PM - 10:50 PM	54.6	51.4	01:25 AM - 01:30 AM	49.8	48.9	04:05 AM - 04:10 AM	53.4	50.2
10:50 PM - 10:55 PM	54.8	50.1	01:30 AM - 01:35 AM	51.6	49.2	04:10 AM - 04:15 AM	53.6	50.5
10:55 PM - 11:00 PM	53.9	49.9	01:35 AM - 01:40 AM	52.4	50.2	04:15 AM - 04:20 AM	51.8	50.4
11:00 PM - 11:05 PM	55.0	49.9	01:40 AM - 01:45 AM	53.3	50.5	04:20 AM - 04:25 AM	54.0	50.4
11:05 PM - 11:10 PM	53.1	49.6	01:45 AM - 01:50 AM	52.1	50.6	04:25 AM - 04:30 AM	52.7	50.3
11:10 PM - 11:15 PM	55.4	50.1	01:50 AM - 01:55 AM	53.8	51.1	04:30 AM - 04:35 AM	52.9	50.1
11:15 PM - 11:20 PM	53.7	50.6	01:55 AM - 02:00 AM	51.8	51.1	04:35 AM - 04:40 AM	53.8	50.6
11:20 PM - 11:25 PM	52.4	51.0	02:00 AM - 02:05 AM	55.5	51.4	04:40 AM - 04:45 AM	53.4	50.6
11:25 PM - 11:30 PM	52.4	51.2	02:05 AM - 02:10 AM	53.4	51.1	04:45 AM - 04:50 AM	58.1	50.8
11:30 PM - 11:35 PM	53.2	50.9	02:10 AM - 02:15 AM	52.6	50.8	04:50 AM - 04:55 AM	55.3	49.7
11:35 PM - 11:40 PM	54.5	51.0	02:15 AM - 02:20 AM	52.9	51.0	04:55 AM - 05:00 AM	62.0	51.1
11:40 PM - 11:45 PM	51.9	50.9	02:20 AM - 02:25 AM	54.5	50.8	05:00 AM - 05:05 AM	63.6	54.6
11:45 PM - 11:50 PM	55.6	50.4	02:25 AM - 02:30 AM	55.9	50.9	05:05 AM - 05:10 AM	59.8	56.9
11:50 PM - 11:55 PM	52.3	50.4	02:30 AM - 02:35 AM	53.4	50.5	05:10 AM - 05:15 AM	58.0	52.9
11:55 PM - 12:00 AM	55.1	50.7	02:35 AM - 02:40 AM	53.6	50.6	05:15 AM - 05:20 AM	56.8	52.4
12:00 AM - 12:05 AM	56.0	51.7	02:40 AM - 02:45 AM	51.3	50.3	05:20 AM - 05:25 AM	56.2	52.4
12:05 AM - 12:10 AM	55.8	51.4	02:45 AM - 02:50 AM	52.0	50.2	05:25 AM - 05:30 AM	56.9	52.2
12:10 AM - 12:15 AM	54.6	51.0	02:50 AM - 02:55 AM	52.4	50.6	05:30 AM - 05:35 AM	60.2	51.8
12:15 AM - 12:20 AM	54.0	51.2	02:55 AM - 03:00 AM	56.7	50.9	05:35 AM - 05:40 AM	56.3	52.3
12:20 AM - 12:25 AM	62.9	51.5	03:00 AM - 03:05 AM	56.5	50.7	05:40 AM - 05:45 AM	56.5	52.1
12:25 AM - 12:30 AM	58.5	51.7	03:05 AM - 03:10 AM	51.6	50.5	05:45 AM - 05:50 AM	56.7	51.4
12:30 AM - 12:35 AM	54.9	51.4	03:10 AM - 03:15 AM	51.5	50.6	05:50 AM - 05:55 AM	58.9	52.2
12:35 AM - 12:40 AM	54.1	51.0	03:15 AM - 03:20 AM	52.8	50.7	05:55 AM - 06:00 AM	59.7	55.7

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331490-1

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Sample Number : 2244227-17
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 25 - May 26, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 26, 2022 Time	Leq dB(A)	L90 dB(A)	May 26, 2022 Time	Leq dB(A)	L90 dB(A)	May 26, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 AM - 06:05 AM	59.4	55.9	08:40 AM - 08:45 AM	61.4	59.3	11:20 AM - 11:25 AM	61.6	57.9
06:05 AM - 06:10 AM	59.5	55.0	08:45 AM - 08:50 AM	62.1	59.4	11:25 AM - 11:30 AM	60.3	58.2
06:10 AM - 06:15 AM	59.5	56.7	08:50 AM - 08:55 AM	61.7	59.7	11:30 AM - 11:35 AM	59.6	57.9
06:15 AM - 06:20 AM	62.0	57.9	08:55 AM - 09:00 AM	61.6	59.5	11:35 AM - 11:40 AM	61.2	59.0
06:20 AM - 06:25 AM	61.5	58.2	09:00 AM - 09:05 AM	61.6	59.3	11:40 AM - 11:45 AM	61.7	58.7
06:25 AM - 06:30 AM	63.3	59.4	09:05 AM - 09:10 AM	61.5	59.7	11:45 AM - 11:50 AM	60.7	58.6
06:30 AM - 06:35 AM	61.2	58.0	09:10 AM - 09:15 AM	62.3	58.7	11:50 AM - 11:55 AM	62.4	59.0
06:35 AM - 06:40 AM	61.9	58.1	09:15 AM - 09:20 AM	60.2	58.6	11:55 AM - 12:00 PM	61.4	58.6
06:40 AM - 06:45 AM	62.4	57.7	09:20 AM - 09:25 AM	61.2	59.2	12:00 PM - 12:05 PM	61.0	58.3
06:45 AM - 06:50 AM	61.3	56.8	09:25 AM - 09:30 AM	61.2	59.1	12:05 PM - 12:10 PM	63.1	58.9
06:50 AM - 06:55 AM	60.4	56.5	09:30 AM - 09:35 AM	60.4	57.8	12:10 PM - 12:15 PM	60.4	58.6
06:55 AM - 07:00 AM	64.7	61.7	09:35 AM - 09:40 AM	58.9	53.9	12:15 PM - 12:20 PM	60.4	57.7
07:00 AM - 07:05 AM	64.4	59.9	09:40 AM - 09:45 AM	57.8	52.6	12:20 PM - 12:25 PM	61.4	58.6
07:05 AM - 07:10 AM	65.7	62.7	09:45 AM - 09:50 AM	57.5	52.5	12:25 PM - 12:30 PM	62.4	57.8
07:10 AM - 07:15 AM	64.0	61.1	09:50 AM - 09:55 AM	57.8	53.1	12:30 PM - 12:35 PM	60.4	57.2
07:15 AM - 07:20 AM	66.2	63.2	09:55 AM - 10:00 AM	58.0	52.5	12:35 PM - 12:40 PM	59.6	58.0
07:20 AM - 07:25 AM	65.6	63.3	10:00 AM - 10:05 AM	56.5	52.0	12:40 PM - 12:45 PM	60.2	58.1
07:25 AM - 07:30 AM	65.9	62.7	10:05 AM - 10:10 AM	56.6	52.3	12:45 PM - 12:50 PM	59.7	57.8
07:30 AM - 07:35 AM	65.5	62.2	10:10 AM - 10:15 AM	57.0	52.8	12:50 PM - 12:55 PM	60.4	57.4
07:35 AM - 07:40 AM	66.2	62.5	10:15 AM - 10:20 AM	60.5	58.2	12:55 PM - 01:00 PM	61.0	58.4
07:40 AM - 07:45 AM	65.3	62.2	10:20 AM - 10:25 AM	61.1	58.3	01:00 PM - 01:05 PM	60.3	58.1
07:45 AM - 07:50 AM	63.1	60.7	10:25 AM - 10:30 AM	61.1	58.1	01:05 PM - 01:10 PM	59.9	57.9
07:50 AM - 07:55 AM	61.9	59.6	10:30 AM - 10:35 AM	60.6	57.8	01:10 PM - 01:15 PM	60.6	57.7
07:55 AM - 08:00 AM	63.0	60.6	10:35 AM - 10:40 AM	60.4	58.0	01:15 PM - 01:20 PM	59.0	57.6
08:00 AM - 08:05 AM	64.0	61.4	10:40 AM - 10:45 AM	59.4	58.0	01:20 PM - 01:25 PM	60.2	58.2
08:05 AM - 08:10 AM	64.4	59.9	10:45 AM - 10:50 AM	59.9	58.2	01:25 PM - 01:30 PM	60.5	58.0
08:10 AM - 08:15 AM	61.8	59.3	10:50 AM - 10:55 AM	59.4	57.3	01:30 PM - 01:35 PM	60.0	58.5
08:15 AM - 08:20 AM	60.6	59.0	10:55 AM - 11:00 AM	60.2	58.3	01:35 PM - 01:40 PM	60.2	57.7
08:20 AM - 08:25 AM	61.4	59.1	11:00 AM - 11:05 AM	62.3	58.8	01:40 PM - 01:45 PM	60.0	57.7
08:25 AM - 08:30 AM	62.7	59.8	11:05 AM - 11:10 AM	60.1	57.8	01:45 PM - 01:50 PM	60.9	58.8
08:30 AM - 08:35 AM	60.4	58.5	11:10 AM - 11:15 AM	60.8	57.9	01:50 PM - 01:55 PM	60.0	58.0
08:35 AM - 08:40 AM	61.7	58.8	11:15 AM - 11:20 AM	60.4	57.8	01:55 PM - 02:00 PM	60.0	58.1

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331491-1

Page 1 of 3

Sample Number : 2244227-18
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 26 - May 27, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 26, 2022 Time	Leq dB(A)	L90 dB(A)	May 26, 2022 Time	Leq dB(A)	L90 dB(A)	May 26, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 PM - 02:05 PM	60.5	59.0	04:40 PM - 04:45 PM	61.4	58.8	07:20 PM - 07:25 PM	67.0	62.1
02:05 PM - 02:10 PM	60.1	58.1	04:45 PM - 04:50 PM	61.0	58.3	07:25 PM - 07:30 PM	66.2	61.0
02:10 PM - 02:15 PM	60.0	57.8	04:50 PM - 04:55 PM	61.4	58.8	07:30 PM - 07:35 PM	66.1	60.8
02:15 PM - 02:20 PM	60.8	58.3	04:55 PM - 05:00 PM	64.4	59.2	07:35 PM - 07:40 PM	63.8	56.7
02:20 PM - 02:25 PM	60.9	58.6	05:00 PM - 05:05 PM	65.0	62.1	07:40 PM - 07:45 PM	61.4	54.9
02:25 PM - 02:30 PM	59.8	57.6	05:05 PM - 05:10 PM	64.2	60.4	07:45 PM - 07:50 PM	63.1	54.9
02:30 PM - 02:35 PM	59.9	57.9	05:10 PM - 05:15 PM	61.5	59.3	07:50 PM - 07:55 PM	61.2	54.2
02:35 PM - 02:40 PM	58.8	57.2	05:15 PM - 05:20 PM	61.3	59.5	07:55 PM - 08:00 PM	62.8	57.3
02:40 PM - 02:45 PM	60.2	57.6	05:20 PM - 05:25 PM	60.7	58.8	08:00 PM - 08:05 PM	65.0	59.2
02:45 PM - 02:50 PM	60.5	57.2	05:25 PM - 05:30 PM	62.1	60.0	08:05 PM - 08:10 PM	63.6	57.3
02:50 PM - 02:55 PM	59.3	56.8	05:30 PM - 05:35 PM	60.5	58.7	08:10 PM - 08:15 PM	60.8	54.4
02:55 PM - 03:00 PM	59.1	57.0	05:35 PM - 05:40 PM	60.9	59.0	08:15 PM - 08:20 PM	61.8	52.8
03:00 PM - 03:05 PM	60.3	57.2	05:40 PM - 05:45 PM	60.6	58.9	08:20 PM - 08:25 PM	61.4	56.8
03:05 PM - 03:10 PM	60.4	57.2	05:45 PM - 05:50 PM	60.9	58.7	08:25 PM - 08:30 PM	59.3	53.0
03:10 PM - 03:15 PM	62.0	58.0	05:50 PM - 05:55 PM	60.8	58.8	08:30 PM - 08:35 PM	57.9	53.1
03:15 PM - 03:20 PM	59.5	57.5	05:55 PM - 06:00 PM	62.9	60.1	08:35 PM - 08:40 PM	58.5	52.6
03:20 PM - 03:25 PM	59.4	57.1	06:00 PM - 06:05 PM	63.1	60.2	08:40 PM - 08:45 PM	56.6	52.1
03:25 PM - 03:30 PM	60.9	57.0	06:05 PM - 06:10 PM	63.4	60.0	08:45 PM - 08:50 PM	56.5	51.7
03:30 PM - 03:35 PM	59.2	56.8	06:10 PM - 06:15 PM	62.2	59.2	08:50 PM - 08:55 PM	58.5	53.5
03:35 PM - 03:40 PM	58.6	56.5	06:15 PM - 06:20 PM	61.1	57.5	08:55 PM - 09:00 PM	61.5	53.0
03:40 PM - 03:45 PM	58.9	57.3	06:20 PM - 06:25 PM	59.8	54.9	09:00 PM - 09:05 PM	58.8	53.3
03:45 PM - 03:50 PM	59.3	57.4	06:25 PM - 06:30 PM	62.3	57.6	09:05 PM - 09:10 PM	57.0	51.4
03:50 PM - 03:55 PM	60.9	57.9	06:30 PM - 06:35 PM	63.1	54.9	09:10 PM - 09:15 PM	55.2	51.6
03:55 PM - 04:00 PM	63.7	59.1	06:35 PM - 06:40 PM	62.4	56.5	09:15 PM - 09:20 PM	55.7	51.7
04:00 PM - 04:05 PM	61.7	59.5	06:40 PM - 06:45 PM	60.0	54.9	09:20 PM - 09:25 PM	53.5	51.3
04:05 PM - 04:10 PM	61.5	58.9	06:45 PM - 06:50 PM	61.9	55.7	09:25 PM - 09:30 PM	55.9	51.6
04:10 PM - 04:15 PM	61.2	58.7	06:50 PM - 06:55 PM	60.9	54.6	09:30 PM - 09:35 PM	55.4	51.7
04:15 PM - 04:20 PM	60.7	58.4	06:55 PM - 07:00 PM	65.7	60.5	09:35 PM - 09:40 PM	57.1	52.1
04:20 PM - 04:25 PM	59.3	57.6	07:00 PM - 07:05 PM	64.7	60.2	09:40 PM - 09:45 PM	56.7	51.6
04:25 PM - 04:30 PM	61.3	57.8	07:05 PM - 07:10 PM	62.5	57.4	09:45 PM - 09:50 PM	57.1	51.5
04:30 PM - 04:35 PM	59.9	57.9	07:10 PM - 07:15 PM	65.4	60.6	09:50 PM - 09:55 PM	55.3	51.4
04:35 PM - 04:40 PM	60.1	58.1	07:15 PM - 07:20 PM	66.8	62.2	09:55 PM - 10:00 PM	53.3	51.1

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331491-1

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Sample Number : 2244227-18
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 26 - May 27, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 26 - May 27, 2022	Leq	L90	May 27, 2022	Leq	L90	May 27, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	60.3	52.4	12:40 AM - 12:45 AM	59.1	51.8	03:20 AM - 03:25 AM	53.1	50.4
10:05 PM - 10:10 PM	54.9	51.1	12:45 AM - 12:50 AM	52.3	51.3	03:25 AM - 03:30 AM	52.0	50.4
10:10 PM - 10:15 PM	56.9	51.2	12:50 AM - 12:55 AM	52.8	50.5	03:30 AM - 03:35 AM	52.0	50.4
10:15 PM - 10:20 PM	53.1	51.0	12:55 AM - 01:00 AM	55.1	50.1	03:35 AM - 03:40 AM	52.8	50.2
10:20 PM - 10:25 PM	52.8	51.4	01:00 AM - 01:05 AM	62.1	49.8	03:40 AM - 03:45 AM	50.7	49.9
10:25 PM - 10:30 PM	58.2	51.6	01:05 AM - 01:10 AM	53.0	50.1	03:45 AM - 03:50 AM	53.2	50.5
10:30 PM - 10:35 PM	58.3	52.1	01:10 AM - 01:15 AM	56.1	49.8	03:50 AM - 03:55 AM	52.1	50.4
10:35 PM - 10:40 PM	56.2	51.9	01:15 AM - 01:20 AM	53.1	49.8	03:55 AM - 04:00 AM	56.2	51.1
10:40 PM - 10:45 PM	55.3	51.7	01:20 AM - 01:25 AM	50.4	49.2	04:00 AM - 04:05 AM	55.4	51.0
10:45 PM - 10:50 PM	57.2	51.5	01:25 AM - 01:30 AM	54.9	49.7	04:05 AM - 04:10 AM	53.1	50.8
10:50 PM - 10:55 PM	55.7	50.8	01:30 AM - 01:35 AM	53.8	49.9	04:10 AM - 04:15 AM	51.6	50.6
10:55 PM - 11:00 PM	53.9	50.9	01:35 AM - 01:40 AM	52.6	50.6	04:15 AM - 04:20 AM	52.1	50.7
11:00 PM - 11:05 PM	55.9	50.8	01:40 AM - 01:45 AM	52.0	50.5	04:20 AM - 04:25 AM	53.0	50.2
11:05 PM - 11:10 PM	59.5	51.0	01:45 AM - 01:50 AM	52.0	50.8	04:25 AM - 04:30 AM	52.4	50.5
11:10 PM - 11:15 PM	52.6	50.9	01:50 AM - 01:55 AM	56.1	50.7	04:30 AM - 04:35 AM	54.2	49.7
11:15 PM - 11:20 PM	52.7	51.1	01:55 AM - 02:00 AM	51.8	50.6	04:35 AM - 04:40 AM	58.2	50.1
11:20 PM - 11:25 PM	53.8	51.1	02:00 AM - 02:05 AM	51.9	50.6	04:40 AM - 04:45 AM	54.5	50.6
11:25 PM - 11:30 PM	53.2	51.5	02:05 AM - 02:10 AM	52.9	51.0	04:45 AM - 04:50 AM	51.7	49.8
11:30 PM - 11:35 PM	53.1	51.3	02:10 AM - 02:15 AM	51.2	50.1	04:50 AM - 04:55 AM	58.2	49.9
11:35 PM - 11:40 PM	54.4	51.1	02:15 AM - 02:20 AM	54.3	50.6	04:55 AM - 05:00 AM	62.6	56.8
11:40 PM - 11:45 PM	51.9	50.9	02:20 AM - 02:25 AM	52.5	50.3	05:00 AM - 05:05 AM	59.1	56.5
11:45 PM - 11:50 PM	54.0	50.7	02:25 AM - 02:30 AM	53.7	50.8	05:05 AM - 05:10 AM	57.9	52.0
11:50 PM - 11:55 PM	52.0	50.7	02:30 AM - 02:35 AM	52.5	50.2	05:10 AM - 05:15 AM	56.3	51.0
11:55 PM - 12:00 AM	53.1	50.8	02:35 AM - 02:40 AM	53.7	50.7	05:15 AM - 05:20 AM	57.1	51.7
12:00 AM - 12:05 AM	53.8	51.0	02:40 AM - 02:45 AM	52.9	50.3	05:20 AM - 05:25 AM	59.3	52.2
12:05 AM - 12:10 AM	53.7	51.4	02:45 AM - 02:50 AM	50.6	49.9	05:25 AM - 05:30 AM	60.8	51.4
12:10 AM - 12:15 AM	52.8	51.0	02:50 AM - 02:55 AM	52.6	50.2	05:30 AM - 05:35 AM	56.0	51.6
12:15 AM - 12:20 AM	54.8	51.4	02:55 AM - 03:00 AM	55.2	50.4	05:35 AM - 05:40 AM	59.6	51.6
12:20 AM - 12:25 AM	54.4	51.2	03:00 AM - 03:05 AM	55.1	50.3	05:40 AM - 05:45 AM	55.2	50.8
12:25 AM - 12:30 AM	56.6	51.2	03:05 AM - 03:10 AM	51.7	50.0	05:45 AM - 05:50 AM	56.6	51.4
12:30 AM - 12:35 AM	51.5	50.7	03:10 AM - 03:15 AM	58.1	50.4	05:50 AM - 05:55 AM	57.2	52.9
12:35 AM - 12:40 AM	51.9	50.9	03:15 AM - 03:20 AM	54.1	50.5	05:55 AM - 06:00 AM	59.9	54.8

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331491-1

Page 3 of 3

Sample Number : 2244227-18
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 26 - May 27, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 27, 2022 Time	Leq dB(A)	L90 dB(A)	May 27, 2022 Time	Leq dB(A)	L90 dB(A)	May 27, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 AM - 06:05 AM	60.3	54.6	08:40 AM - 08:45 AM	62.8	60.8	11:20 AM - 11:25 AM	60.6	58.8
06:05 AM - 06:10 AM	59.3	54.0	08:45 AM - 08:50 AM	63.8	60.7	11:25 AM - 11:30 AM	61.0	58.8
06:10 AM - 06:15 AM	59.0	55.1	08:50 AM - 08:55 AM	62.4	60.7	11:30 AM - 11:35 AM	60.3	58.3
06:15 AM - 06:20 AM	62.3	58.0	08:55 AM - 09:00 AM	62.1	60.4	11:35 AM - 11:40 AM	60.3	58.5
06:20 AM - 06:25 AM	62.5	57.4	09:00 AM - 09:05 AM	62.5	59.8	11:40 AM - 11:45 AM	61.1	57.9
06:25 AM - 06:30 AM	61.4	57.0	09:05 AM - 09:10 AM	61.3	59.2	11:45 AM - 11:50 AM	61.3	58.8
06:30 AM - 06:35 AM	61.9	57.6	09:10 AM - 09:15 AM	62.2	59.0	11:50 AM - 11:55 AM	60.1	57.8
06:35 AM - 06:40 AM	62.0	57.7	09:15 AM - 09:20 AM	61.8	60.4	11:55 AM - 12:00 PM	62.8	58.2
06:40 AM - 06:45 AM	61.9	57.9	09:20 AM - 09:25 AM	63.5	60.0	12:00 PM - 12:05 PM	59.5	57.4
06:45 AM - 06:50 AM	60.1	55.2	09:25 AM - 09:30 AM	61.1	59.4	12:05 PM - 12:10 PM	60.6	57.7
06:50 AM - 06:55 AM	61.4	56.1	09:30 AM - 09:35 AM	62.2	59.2	12:10 PM - 12:15 PM	60.1	58.0
06:55 AM - 07:00 AM	64.7	62.1	09:35 AM - 09:40 AM	61.8	59.4	12:15 PM - 12:20 PM	60.0	57.6
07:00 AM - 07:05 AM	66.9	62.7	09:40 AM - 09:45 AM	61.3	58.8	12:20 PM - 12:25 PM	59.7	57.4
07:05 AM - 07:10 AM	64.6	61.6	09:45 AM - 09:50 AM	61.3	59.2	12:25 PM - 12:30 PM	59.4	57.4
07:10 AM - 07:15 AM	64.2	61.9	09:50 AM - 09:55 AM	62.1	60.2	12:30 PM - 12:35 PM	59.8	58.0
07:15 AM - 07:20 AM	65.3	62.6	09:55 AM - 10:00 AM	61.6	59.1	12:35 PM - 12:40 PM	59.2	57.2
07:20 AM - 07:25 AM	67.1	63.5	10:00 AM - 10:05 AM	61.6	59.5	12:40 PM - 12:45 PM	59.3	57.8
07:25 AM - 07:30 AM	66.8	63.8	10:05 AM - 10:10 AM	60.7	58.6	12:45 PM - 12:50 PM	60.9	58.0
07:30 AM - 07:35 AM	65.7	62.9	10:10 AM - 10:15 AM	61.5	59.7	12:50 PM - 12:55 PM	59.4	57.0
07:35 AM - 07:40 AM	65.3	62.7	10:15 AM - 10:20 AM	61.8	59.3	12:55 PM - 01:00 PM	60.0	57.8
07:40 AM - 07:45 AM	65.0	62.7	10:20 AM - 10:25 AM	62.0	59.4	01:00 PM - 01:05 PM	58.5	56.5
07:45 AM - 07:50 AM	62.5	60.2	10:25 AM - 10:30 AM	62.2	60.0	01:05 PM - 01:10 PM	60.6	58.3
07:50 AM - 07:55 AM	62.3	60.2	10:30 AM - 10:35 AM	60.9	59.2	01:10 PM - 01:15 PM	60.0	58.0
07:55 AM - 08:00 AM	63.5	60.7	10:35 AM - 10:40 AM	61.6	59.4	01:15 PM - 01:20 PM	59.6	57.8
08:00 AM - 08:05 AM	64.0	60.9	10:40 AM - 10:45 AM	60.9	58.9	01:20 PM - 01:25 PM	61.0	58.1
08:05 AM - 08:10 AM	64.4	61.2	10:45 AM - 10:50 AM	60.9	58.6	01:25 PM - 01:30 PM	60.0	58.3
08:10 AM - 08:15 AM	61.8	60.0	10:50 AM - 10:55 AM	60.6	58.5	01:30 PM - 01:35 PM	62.0	59.3
08:15 AM - 08:20 AM	62.8	60.8	10:55 AM - 11:00 AM	60.3	58.8	01:35 PM - 01:40 PM	59.8	58.0
08:20 AM - 08:25 AM	63.7	61.1	11:00 AM - 11:05 AM	60.4	58.1	01:40 PM - 01:45 PM	60.4	58.5
08:25 AM - 08:30 AM	62.4	60.5	11:05 AM - 11:10 AM	60.0	58.2	01:45 PM - 01:50 PM	61.0	58.4
08:30 AM - 08:35 AM	63.6	60.9	11:10 AM - 11:15 AM	60.5	58.4	01:50 PM - 01:55 PM	61.2	58.8
08:35 AM - 08:40 AM	62.3	60.8	11:15 AM - 11:20 AM	60.6	58.0	01:55 PM - 02:00 PM	60.1	58.5

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331492-1

Page 1 of 3

Sample Number : 2244227-19
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 27 - May 28, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 27, 2022 Time	Leq dB(A)	L90 dB(A)	May 27, 2022 Time	Leq dB(A)	L90 dB(A)	May 27, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 PM - 02:05 PM	60.7	57.5	04:40 PM - 04:45 PM	65.9	54.6	07:20 PM - 07:25 PM	65.9	62.4
02:05 PM - 02:10 PM	60.7	58.5	04:45 PM - 04:50 PM	59.3	55.3	07:25 PM - 07:30 PM	67.0	62.3
02:10 PM - 02:15 PM	60.8	58.4	04:50 PM - 04:55 PM	58.5	54.5	07:30 PM - 07:35 PM	65.7	63.3
02:15 PM - 02:20 PM	61.7	59.0	04:55 PM - 05:00 PM	64.6	57.4	07:35 PM - 07:40 PM	66.3	61.8
02:20 PM - 02:25 PM	61.8	59.2	05:00 PM - 05:05 PM	65.1	62.2	07:40 PM - 07:45 PM	65.3	61.8
02:25 PM - 02:30 PM	60.4	58.3	05:05 PM - 05:10 PM	63.4	59.6	07:45 PM - 07:50 PM	66.7	60.9
02:30 PM - 02:35 PM	60.7	58.1	05:10 PM - 05:15 PM	66.0	57.3	07:50 PM - 07:55 PM	65.3	59.7
02:35 PM - 02:40 PM	60.6	58.7	05:15 PM - 05:20 PM	61.5	56.5	07:55 PM - 08:00 PM	67.1	62.4
02:40 PM - 02:45 PM	60.0	58.4	05:20 PM - 05:25 PM	62.9	57.0	08:00 PM - 08:05 PM	67.9	62.5
02:45 PM - 02:50 PM	61.6	59.2	05:25 PM - 05:30 PM	61.2	55.1	08:05 PM - 08:10 PM	62.5	57.2
02:50 PM - 02:55 PM	62.0	59.2	05:30 PM - 05:35 PM	59.2	55.0	08:10 PM - 08:15 PM	59.3	53.8
02:55 PM - 03:00 PM	60.8	58.6	05:35 PM - 05:40 PM	59.0	54.8	08:15 PM - 08:20 PM	57.7	53.0
03:00 PM - 03:05 PM	60.1	57.7	05:40 PM - 05:45 PM	60.5	54.0	08:20 PM - 08:25 PM	58.8	52.2
03:05 PM - 03:10 PM	60.8	58.3	05:45 PM - 05:50 PM	58.2	53.8	08:25 PM - 08:30 PM	57.8	52.0
03:10 PM - 03:15 PM	60.7	58.3	05:50 PM - 05:55 PM	57.7	54.2	08:30 PM - 08:35 PM	56.3	51.3
03:15 PM - 03:20 PM	60.4	57.7	05:55 PM - 06:00 PM	61.8	57.8	08:35 PM - 08:40 PM	57.8	53.1
03:20 PM - 03:25 PM	60.0	57.6	06:00 PM - 06:05 PM	61.7	57.9	08:40 PM - 08:45 PM	56.2	50.6
03:25 PM - 03:30 PM	60.8	57.9	06:05 PM - 06:10 PM	62.1	56.9	08:45 PM - 08:50 PM	59.1	52.8
03:30 PM - 03:35 PM	58.9	57.2	06:10 PM - 06:15 PM	60.6	55.9	08:50 PM - 08:55 PM	55.9	51.4
03:35 PM - 03:40 PM	60.0	58.0	06:15 PM - 06:20 PM	63.4	56.4	08:55 PM - 09:00 PM	60.2	53.0
03:40 PM - 03:45 PM	59.4	57.1	06:20 PM - 06:25 PM	60.0	55.5	09:00 PM - 09:05 PM	59.0	52.2
03:45 PM - 03:50 PM	61.1	58.8	06:25 PM - 06:30 PM	60.9	55.6	09:05 PM - 09:10 PM	54.5	50.7
03:50 PM - 03:55 PM	60.8	57.8	06:30 PM - 06:35 PM	60.5	56.8	09:10 PM - 09:15 PM	55.3	51.2
03:55 PM - 04:00 PM	64.6	60.2	06:35 PM - 06:40 PM	61.8	56.6	09:15 PM - 09:20 PM	56.2	51.2
04:00 PM - 04:05 PM	65.3	60.9	06:40 PM - 06:45 PM	60.3	55.3	09:20 PM - 09:25 PM	54.8	50.6
04:05 PM - 04:10 PM	61.5	58.3	06:45 PM - 06:50 PM	63.9	54.3	09:25 PM - 09:30 PM	59.4	51.2
04:10 PM - 04:15 PM	61.7	57.1	06:50 PM - 06:55 PM	58.1	53.4	09:30 PM - 09:35 PM	56.7	50.8
04:15 PM - 04:20 PM	59.0	53.9	06:55 PM - 07:00 PM	63.5	57.7	09:35 PM - 09:40 PM	55.6	50.8
04:20 PM - 04:25 PM	63.1	56.3	07:00 PM - 07:05 PM	64.3	58.8	09:40 PM - 09:45 PM	55.6	50.6
04:25 PM - 04:30 PM	58.7	55.8	07:05 PM - 07:10 PM	61.5	56.6	09:45 PM - 09:50 PM	61.8	51.1
04:30 PM - 04:35 PM	58.8	55.3	07:10 PM - 07:15 PM	61.1	55.5	09:50 PM - 09:55 PM	54.2	50.2
04:35 PM - 04:40 PM	58.0	54.1	07:15 PM - 07:20 PM	62.3	57.7	09:55 PM - 10:00 PM	54.6	49.9

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331492-1

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Sample Number : 2244227-19
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 27 - May 28, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 27 - May 28, 2022	Leq	L90	May 28, 2022	Leq	L90	May 28, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	53.7	50.0	12:40 AM - 12:45 AM	51.5	49.9	03:20 AM - 03:25 AM	53.7	49.6
10:05 PM - 10:10 PM	53.8	49.9	12:45 AM - 12:50 AM	54.0	49.8	03:25 AM - 03:30 AM	50.8	48.9
10:10 PM - 10:15 PM	53.6	49.9	12:50 AM - 12:55 AM	54.0	48.7	03:30 AM - 03:35 AM	49.7	48.8
10:15 PM - 10:20 PM	52.3	49.9	12:55 AM - 01:00 AM	56.4	48.7	03:35 AM - 03:40 AM	49.5	48.9
10:20 PM - 10:25 PM	51.8	49.9	01:00 AM - 01:05 AM	52.0	48.4	03:40 AM - 03:45 AM	49.4	49.0
10:25 PM - 10:30 PM	52.2	49.9	01:05 AM - 01:10 AM	48.7	47.9	03:45 AM - 03:50 AM	51.2	49.1
10:30 PM - 10:35 PM	54.4	49.7	01:10 AM - 01:15 AM	53.2	48.3	03:50 AM - 03:55 AM	52.7	49.0
10:35 PM - 10:40 PM	62.2	49.8	01:15 AM - 01:20 AM	50.7	48.2	03:55 AM - 04:00 AM	53.5	49.1
10:40 PM - 10:45 PM	53.5	50.2	01:20 AM - 01:25 AM	51.2	48.0	04:00 AM - 04:05 AM	54.2	49.2
10:45 PM - 10:50 PM	62.7	49.8	01:25 AM - 01:30 AM	53.7	48.4	04:05 AM - 04:10 AM	50.7	48.9
10:50 PM - 10:55 PM	53.3	49.6	01:30 AM - 01:35 AM	49.0	48.3	04:10 AM - 04:15 AM	51.9	49.6
10:55 PM - 11:00 PM	56.7	49.6	01:35 AM - 01:40 AM	49.9	49.2	04:15 AM - 04:20 AM	54.7	49.4
11:00 PM - 11:05 PM	53.4	49.4	01:40 AM - 01:45 AM	51.2	49.6	04:20 AM - 04:25 AM	52.3	49.2
11:05 PM - 11:10 PM	53.7	49.1	01:45 AM - 01:50 AM	50.8	49.5	04:25 AM - 04:30 AM	56.0	49.2
11:10 PM - 11:15 PM	59.4	49.4	01:50 AM - 01:55 AM	50.7	49.8	04:30 AM - 04:35 AM	52.0	49.1
11:15 PM - 11:20 PM	60.5	49.8	01:55 AM - 02:00 AM	50.5	49.9	04:35 AM - 04:40 AM	51.8	48.8
11:20 PM - 11:25 PM	52.1	50.0	02:00 AM - 02:05 AM	51.3	49.8	04:40 AM - 04:45 AM	53.4	48.8
11:25 PM - 11:30 PM	52.9	49.9	02:05 AM - 02:10 AM	52.1	50.2	04:45 AM - 04:50 AM	54.1	49.2
11:30 PM - 11:35 PM	53.2	50.2	02:10 AM - 02:15 AM	52.3	50.0	04:50 AM - 04:55 AM	53.3	49.5
11:35 PM - 11:40 PM	55.3	50.8	02:15 AM - 02:20 AM	51.9	50.0	04:55 AM - 05:00 AM	63.4	54.7
11:40 PM - 11:45 PM	52.9	51.4	02:20 AM - 02:25 AM	52.4	50.1	05:00 AM - 05:05 AM	61.6	55.3
11:45 PM - 11:50 PM	53.8	50.9	02:25 AM - 02:30 AM	51.0	50.0	05:05 AM - 05:10 AM	56.5	50.8
11:50 PM - 11:55 PM	53.2	50.8	02:30 AM - 02:35 AM	52.2	49.9	05:10 AM - 05:15 AM	55.9	50.1
11:55 PM - 12:00 AM	54.0	50.6	02:35 AM - 02:40 AM	50.6	49.9	05:15 AM - 05:20 AM	57.4	49.7
12:00 AM - 12:05 AM	57.7	51.0	02:40 AM - 02:45 AM	58.1	50.0	05:20 AM - 05:25 AM	57.3	51.3
12:05 AM - 12:10 AM	56.7	50.2	02:45 AM - 02:50 AM	52.3	49.9	05:25 AM - 05:30 AM	56.6	50.7
12:10 AM - 12:15 AM	57.2	50.1	02:50 AM - 02:55 AM	51.7	49.7	05:30 AM - 05:35 AM	56.8	49.9
12:15 AM - 12:20 AM	55.0	49.8	02:55 AM - 03:00 AM	56.6	50.7	05:35 AM - 05:40 AM	59.0	50.0
12:20 AM - 12:25 AM	56.7	50.0	03:00 AM - 03:05 AM	53.3	49.8	05:40 AM - 05:45 AM	55.1	49.8
12:25 AM - 12:30 AM	57.8	50.0	03:05 AM - 03:10 AM	50.7	49.7	05:45 AM - 05:50 AM	54.6	49.9
12:30 AM - 12:35 AM	56.4	50.0	03:10 AM - 03:15 AM	53.5	49.6	05:50 AM - 05:55 AM	55.9	50.5
12:35 AM - 12:40 AM	54.4	50.0	03:15 AM - 03:20 AM	55.5	49.9	05:55 AM - 06:00 AM	58.6	52.7

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331492-1

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Sample Number : 2244227-19
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 27 - May 28, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 28, 2022 Time	Leq dB(A)	L90 dB(A)	May 28, 2022 Time	Leq dB(A)	L90 dB(A)	May 28, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 AM - 06:05 AM	57.1	52.3	08:40 AM - 08:45 AM	60.3	58.6	11:20 AM - 11:25 AM	57.8	50.1
06:05 AM - 06:10 AM	56.4	52.4	08:45 AM - 08:50 AM	59.7	58.3	11:25 AM - 11:30 AM	56.4	51.0
06:10 AM - 06:15 AM	57.2	52.6	08:50 AM - 08:55 AM	61.0	58.7	11:30 AM - 11:35 AM	55.7	50.6
06:15 AM - 06:20 AM	61.4	54.9	08:55 AM - 09:00 AM	62.7	58.9	11:35 AM - 11:40 AM	54.6	50.3
06:20 AM - 06:25 AM	60.5	53.5	09:00 AM - 09:05 AM	60.9	59.0	11:40 AM - 11:45 AM	53.6	49.8
06:25 AM - 06:30 AM	61.8	55.8	09:05 AM - 09:10 AM	61.2	59.7	11:45 AM - 11:50 AM	55.7	50.7
06:30 AM - 06:35 AM	60.3	55.5	09:10 AM - 09:15 AM	62.5	60.2	11:50 AM - 11:55 AM	55.3	50.7
06:35 AM - 06:40 AM	61.7	56.0	09:15 AM - 09:20 AM	61.9	60.1	11:55 AM - 12:00 PM	61.5	51.1
06:40 AM - 06:45 AM	59.9	55.5	09:20 AM - 09:25 AM	61.5	59.9	12:00 PM - 12:05 PM	57.7	51.4
06:45 AM - 06:50 AM	59.7	54.6	09:25 AM - 09:30 AM	61.0	59.0	12:05 PM - 12:10 PM	59.4	50.1
06:50 AM - 06:55 AM	58.0	53.9	09:30 AM - 09:35 AM	60.3	58.4	12:10 PM - 12:15 PM	58.7	50.7
06:55 AM - 07:00 AM	62.7	55.9	09:35 AM - 09:40 AM	60.5	58.7	12:15 PM - 12:20 PM	57.5	51.7
07:00 AM - 07:05 AM	62.2	57.9	09:40 AM - 09:45 AM	59.7	58.1	12:20 PM - 12:25 PM	56.3	50.7
07:05 AM - 07:10 AM	62.3	60.4	09:45 AM - 09:50 AM	60.8	58.7	12:25 PM - 12:30 PM	57.9	50.6
07:10 AM - 07:15 AM	63.7	60.9	09:50 AM - 09:55 AM	61.6	59.5	12:30 PM - 12:35 PM	55.9	51.0
07:15 AM - 07:20 AM	64.5	61.4	09:55 AM - 10:00 AM	61.5	59.5	12:35 PM - 12:40 PM	56.4	51.3
07:20 AM - 07:25 AM	66.5	62.7	10:00 AM - 10:05 AM	61.9	59.4	12:40 PM - 12:45 PM	56.3	50.8
07:25 AM - 07:30 AM	65.3	62.0	10:05 AM - 10:10 AM	60.2	58.5	12:45 PM - 12:50 PM	56.4	50.8
07:30 AM - 07:35 AM	66.0	61.5	10:10 AM - 10:15 AM	60.7	58.3	12:50 PM - 12:55 PM	56.8	50.5
07:35 AM - 07:40 AM	64.1	60.5	10:15 AM - 10:20 AM	60.2	57.6	12:55 PM - 01:00 PM	54.3	50.4
07:40 AM - 07:45 AM	63.3	60.5	10:20 AM - 10:25 AM	60.0	57.9	01:00 PM - 01:05 PM	54.8	50.0
07:45 AM - 07:50 AM	62.6	59.3	10:25 AM - 10:30 AM	60.2	56.9	01:05 PM - 01:10 PM	52.8	49.3
07:50 AM - 07:55 AM	60.7	58.9	10:30 AM - 10:35 AM	60.1	58.5	01:10 PM - 01:15 PM	54.1	49.7
07:55 AM - 08:00 AM	63.3	59.9	10:35 AM - 10:40 AM	59.9	57.1	01:15 PM - 01:20 PM	56.2	50.6
08:00 AM - 08:05 AM	63.3	60.0	10:40 AM - 10:45 AM	59.9	57.4	01:20 PM - 01:25 PM	56.9	50.9
08:05 AM - 08:10 AM	62.2	60.0	10:45 AM - 10:50 AM	60.3	58.4	01:25 PM - 01:30 PM	56.0	51.7
08:10 AM - 08:15 AM	61.8	60.0	10:50 AM - 10:55 AM	59.9	58.0	01:30 PM - 01:35 PM	57.8	50.9
08:15 AM - 08:20 AM	61.6	59.5	10:55 AM - 11:00 AM	60.4	57.3	01:35 PM - 01:40 PM	54.4	50.4
08:20 AM - 08:25 AM	60.7	58.9	11:00 AM - 11:05 AM	60.2	57.4	01:40 PM - 01:45 PM	55.4	51.0
08:25 AM - 08:30 AM	60.6	59.1	11:05 AM - 11:10 AM	59.2	52.0	01:45 PM - 01:50 PM	56.9	50.7
08:30 AM - 08:35 AM	60.9	59.3	11:10 AM - 11:15 AM	55.1	50.1	01:50 PM - 01:55 PM	55.2	50.4
08:35 AM - 08:40 AM	61.5	59.2	11:15 AM - 11:20 AM	52.8	49.4	01:55 PM - 02:00 PM	55.3	51.3

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331493-1

Page 1 of 3

Sample Number : 2244227-20
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 28 - May 29, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 28, 2022 Time	Leq dB(A)	L90 dB(A)	May 28, 2022 Time	Leq dB(A)	L90 dB(A)	May 28, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 PM - 02:05 PM	56.9	52.7	04:40 PM - 04:45 PM	57.7	51.4	07:20 PM - 07:25 PM	62.5	55.7
02:05 PM - 02:10 PM	55.3	52.7	04:45 PM - 04:50 PM	56.8	52.7	07:25 PM - 07:30 PM	58.9	54.9
02:10 PM - 02:15 PM	55.2	51.7	04:50 PM - 04:55 PM	56.9	51.7	07:30 PM - 07:35 PM	60.2	53.8
02:15 PM - 02:20 PM	58.0	51.9	04:55 PM - 05:00 PM	62.2	57.1	07:35 PM - 07:40 PM	57.5	54.0
02:20 PM - 02:25 PM	57.1	52.0	05:00 PM - 05:05 PM	64.1	59.2	07:40 PM - 07:45 PM	59.2	52.7
02:25 PM - 02:30 PM	56.3	51.6	05:05 PM - 05:10 PM	64.2	59.6	07:45 PM - 07:50 PM	62.7	54.1
02:30 PM - 02:35 PM	54.5	51.7	05:10 PM - 05:15 PM	60.6	55.5	07:50 PM - 07:55 PM	56.0	50.3
02:35 PM - 02:40 PM	56.4	51.2	05:15 PM - 05:20 PM	61.3	54.6	07:55 PM - 08:00 PM	60.2	52.2
02:40 PM - 02:45 PM	54.8	50.8	05:20 PM - 05:25 PM	59.0	54.0	08:00 PM - 08:05 PM	60.6	54.5
02:45 PM - 02:50 PM	56.8	51.4	05:25 PM - 05:30 PM	58.2	53.6	08:05 PM - 08:10 PM	61.8	53.2
02:50 PM - 02:55 PM	57.5	51.7	05:30 PM - 05:35 PM	56.9	52.4	08:10 PM - 08:15 PM	57.2	51.2
02:55 PM - 03:00 PM	57.7	52.2	05:35 PM - 05:40 PM	58.4	53.1	08:15 PM - 08:20 PM	56.8	51.8
03:00 PM - 03:05 PM	59.3	51.7	05:40 PM - 05:45 PM	59.8	52.8	08:20 PM - 08:25 PM	56.1	51.4
03:05 PM - 03:10 PM	55.7	50.8	05:45 PM - 05:50 PM	57.2	52.1	08:25 PM - 08:30 PM	56.3	51.4
03:10 PM - 03:15 PM	54.3	50.5	05:50 PM - 05:55 PM	57.0	52.3	08:30 PM - 08:35 PM	58.2	52.6
03:15 PM - 03:20 PM	58.0	50.4	05:55 PM - 06:00 PM	60.1	53.1	08:35 PM - 08:40 PM	55.5	51.0
03:20 PM - 03:25 PM	54.2	50.3	06:00 PM - 06:05 PM	56.4	53.1	08:40 PM - 08:45 PM	56.6	50.5
03:25 PM - 03:30 PM	53.2	50.0	06:05 PM - 06:10 PM	58.7	53.1	08:45 PM - 08:50 PM	59.1	51.2
03:30 PM - 03:35 PM	56.2	51.1	06:10 PM - 06:15 PM	59.4	52.5	08:50 PM - 08:55 PM	56.1	50.8
03:35 PM - 03:40 PM	54.5	51.5	06:15 PM - 06:20 PM	58.7	54.6	08:55 PM - 09:00 PM	59.9	52.2
03:40 PM - 03:45 PM	55.0	50.8	06:20 PM - 06:25 PM	57.8	54.0	09:00 PM - 09:05 PM	59.1	51.5
03:45 PM - 03:50 PM	57.4	51.2	06:25 PM - 06:30 PM	58.7	54.8	09:05 PM - 09:10 PM	62.7	52.2
03:50 PM - 03:55 PM	55.8	51.1	06:30 PM - 06:35 PM	63.6	55.1	09:10 PM - 09:15 PM	63.1	62.3
03:55 PM - 04:00 PM	57.5	51.6	06:35 PM - 06:40 PM	61.3	54.0	09:15 PM - 09:20 PM	62.8	62.0
04:00 PM - 04:05 PM	58.1	51.8	06:40 PM - 06:45 PM	57.7	52.8	09:20 PM - 09:25 PM	62.7	62.1
04:05 PM - 04:10 PM	56.8	51.5	06:45 PM - 06:50 PM	59.3	53.6	09:25 PM - 09:30 PM	63.1	61.8
04:10 PM - 04:15 PM	56.3	50.9	06:50 PM - 06:55 PM	58.9	53.2	09:30 PM - 09:35 PM	62.2	61.4
04:15 PM - 04:20 PM	56.4	50.4	06:55 PM - 07:00 PM	64.6	58.3	09:35 PM - 09:40 PM	62.3	61.5
04:20 PM - 04:25 PM	55.6	50.7	07:00 PM - 07:05 PM	61.8	56.9	09:40 PM - 09:45 PM	62.7	61.6
04:25 PM - 04:30 PM	55.5	52.6	07:05 PM - 07:10 PM	59.9	54.5	09:45 PM - 09:50 PM	63.1	61.5
04:30 PM - 04:35 PM	59.6	54.7	07:10 PM - 07:15 PM	59.6	54.3	09:50 PM - 09:55 PM	62.1	61.4
04:35 PM - 04:40 PM	59.0	57.3	07:15 PM - 07:20 PM	60.9	54.9	09:55 PM - 10:00 PM	62.1	61.4

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331493-1

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Sample Number : 2244227-20
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 28 - May 29, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 28 - May 29, 2022	Leq	L90	May 29, 2022	Leq	L90	May 29, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	62.1	61.2	12:40 AM - 12:45 AM	48.2	46.6	03:20 AM - 03:25 AM	55.4	47.1
10:05 PM - 10:10 PM	61.9	61.0	12:45 AM - 12:50 AM	49.2	46.8	03:25 AM - 03:30 AM	50.6	46.8
10:10 PM - 10:15 PM	62.8	61.3	12:50 AM - 12:55 AM	49.4	47.2	03:30 AM - 03:35 AM	50.0	46.6
10:15 PM - 10:20 PM	61.7	61.0	12:55 AM - 01:00 AM	49.4	47.1	03:35 AM - 03:40 AM	47.6	46.8
10:20 PM - 10:25 PM	61.8	61.1	01:00 AM - 01:05 AM	58.5	47.1	03:40 AM - 03:45 AM	47.3	46.5
10:25 PM - 10:30 PM	62.0	60.5	01:05 AM - 01:10 AM	58.8	47.2	03:45 AM - 03:50 AM	47.5	46.4
10:30 PM - 10:35 PM	61.8	60.8	01:10 AM - 01:15 AM	49.6	47.3	03:50 AM - 03:55 AM	51.5	46.8
10:35 PM - 10:40 PM	61.7	60.9	01:15 AM - 01:20 AM	51.1	47.5	03:55 AM - 04:00 AM	51.7	47.1
10:40 PM - 10:45 PM	62.1	60.7	01:20 AM - 01:25 AM	54.1	47.5	04:00 AM - 04:05 AM	49.2	46.7
10:45 PM - 10:50 PM	61.9	61.1	01:25 AM - 01:30 AM	55.3	47.3	04:05 AM - 04:10 AM	48.5	46.9
10:50 PM - 10:55 PM	61.6	50.6	01:30 AM - 01:35 AM	53.5	47.5	04:10 AM - 04:15 AM	48.1	46.7
10:55 PM - 11:00 PM	54.5	47.3	01:35 AM - 01:40 AM	52.1	48.0	04:15 AM - 04:20 AM	48.5	46.9
11:00 PM - 11:05 PM	54.8	47.4	01:40 AM - 01:45 AM	51.7	47.2	04:20 AM - 04:25 AM	47.6	47.1
11:05 PM - 11:10 PM	56.5	47.7	01:45 AM - 01:50 AM	51.5	47.3	04:25 AM - 04:30 AM	49.7	47.3
11:10 PM - 11:15 PM	50.2	47.1	01:50 AM - 01:55 AM	51.2	47.1	04:30 AM - 04:35 AM	55.8	47.1
11:15 PM - 11:20 PM	50.3	47.2	01:55 AM - 02:00 AM	52.9	47.5	04:35 AM - 04:40 AM	49.5	47.0
11:20 PM - 11:25 PM	53.8	47.8	02:00 AM - 02:05 AM	51.4	47.6	04:40 AM - 04:45 AM	50.9	47.1
11:25 PM - 11:30 PM	50.3	47.7	02:05 AM - 02:10 AM	50.3	47.2	04:45 AM - 04:50 AM	49.4	47.4
11:30 PM - 11:35 PM	48.5	46.1	02:10 AM - 02:15 AM	49.2	47.2	04:50 AM - 04:55 AM	49.9	47.6
11:35 PM - 11:40 PM	51.8	46.1	02:15 AM - 02:20 AM	48.1	47.1	04:55 AM - 05:00 AM	55.5	48.0
11:40 PM - 11:45 PM	50.6	46.6	02:20 AM - 02:25 AM	54.1	47.2	05:00 AM - 05:05 AM	54.0	48.1
11:45 PM - 11:50 PM	49.7	46.3	02:25 AM - 02:30 AM	48.5	47.2	05:05 AM - 05:10 AM	55.7	48.5
11:50 PM - 11:55 PM	49.4	46.7	02:30 AM - 02:35 AM	47.2	46.5	05:10 AM - 05:15 AM	53.6	48.0
11:55 PM - 12:00 AM	48.7	46.9	02:35 AM - 02:40 AM	47.1	46.6	05:15 AM - 05:20 AM	54.5	48.4
12:00 AM - 12:05 AM	49.9	46.9	02:40 AM - 02:45 AM	48.0	46.9	05:20 AM - 05:25 AM	53.7	49.7
12:05 AM - 12:10 AM	50.2	47.2	02:45 AM - 02:50 AM	47.2	46.7	05:25 AM - 05:30 AM	54.7	49.7
12:10 AM - 12:15 AM	51.6	47.0	02:50 AM - 02:55 AM	52.4	47.0	05:30 AM - 05:35 AM	59.9	49.2
12:15 AM - 12:20 AM	51.2	47.1	02:55 AM - 03:00 AM	52.7	47.3	05:35 AM - 05:40 AM	57.6	51.6
12:20 AM - 12:25 AM	54.0	47.0	03:00 AM - 03:05 AM	52.0	46.9	05:40 AM - 05:45 AM	52.4	47.9
12:25 AM - 12:30 AM	52.4	47.0	03:05 AM - 03:10 AM	48.2	46.8	05:45 AM - 05:50 AM	53.4	47.8
12:30 AM - 12:35 AM	49.3	46.8	03:10 AM - 03:15 AM	48.0	46.9	05:50 AM - 05:55 AM	52.0	47.8
12:35 AM - 12:40 AM	48.5	46.5	03:15 AM - 03:20 AM	55.2	47.0	05:55 AM - 06:00 AM	56.2	49.3

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331493-1

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Sample Number : 2244227-20
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 28 - May 29, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 29, 2022	Leq	L90	May 29, 2022	Leq	L90	May 29, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
06:00 AM - 06:05 AM	58.0	50.2	08:40 AM - 08:45 AM	54.7	50.4	11:20 AM - 11:25 AM	58.2	50.7
06:05 AM - 06:10 AM	55.5	49.4	08:45 AM - 08:50 AM	59.2	49.2	11:25 AM - 11:30 AM	55.0	49.4
06:10 AM - 06:15 AM	54.3	48.6	08:50 AM - 08:55 AM	57.7	50.5	11:30 AM - 11:35 AM	56.6	50.0
06:15 AM - 06:20 AM	54.8	49.9	08:55 AM - 09:00 AM	57.6	49.8	11:35 AM - 11:40 AM	56.1	51.1
06:20 AM - 06:25 AM	56.4	49.3	09:00 AM - 09:05 AM	55.4	49.6	11:40 AM - 11:45 AM	56.1	50.4
06:25 AM - 06:30 AM	58.2	51.4	09:05 AM - 09:10 AM	59.0	49.6	11:45 AM - 11:50 AM	56.0	50.1
06:30 AM - 06:35 AM	56.4	51.0	09:10 AM - 09:15 AM	53.5	48.2	11:50 AM - 11:55 AM	57.8	50.8
06:35 AM - 06:40 AM	55.9	50.6	09:15 AM - 09:20 AM	52.9	48.5	11:55 AM - 12:00 PM	54.1	49.3
06:40 AM - 06:45 AM	58.9	50.8	09:20 AM - 09:25 AM	56.1	50.1	12:00 PM - 12:05 PM	57.3	50.7
06:45 AM - 06:50 AM	56.6	47.9	09:25 AM - 09:30 AM	55.4	50.5	12:05 PM - 12:10 PM	60.5	52.2
06:50 AM - 06:55 AM	56.7	50.3	09:30 AM - 09:35 AM	57.1	50.5	12:10 PM - 12:15 PM	55.6	49.4
06:55 AM - 07:00 AM	63.0	55.9	09:35 AM - 09:40 AM	56.7	49.2	12:15 PM - 12:20 PM	53.9	49.6
07:00 AM - 07:05 AM	59.2	55.5	09:40 AM - 09:45 AM	56.2	50.8	12:20 PM - 12:25 PM	57.3	50.6
07:05 AM - 07:10 AM	57.0	52.0	09:45 AM - 09:50 AM	56.7	49.5	12:25 PM - 12:30 PM	56.7	54.8
07:10 AM - 07:15 AM	55.7	50.6	09:50 AM - 09:55 AM	57.1	50.9	12:30 PM - 12:35 PM	57.5	50.3
07:15 AM - 07:20 AM	61.0	53.0	09:55 AM - 10:00 AM	54.6	50.4	12:35 PM - 12:40 PM	54.2	48.3
07:20 AM - 07:25 AM	63.8	55.0	10:00 AM - 10:05 AM	55.5	49.5	12:40 PM - 12:45 PM	54.1	49.2
07:25 AM - 07:30 AM	57.6	52.2	10:05 AM - 10:10 AM	54.4	49.8	12:45 PM - 12:50 PM	54.0	49.0
07:30 AM - 07:35 AM	58.4	51.3	10:10 AM - 10:15 AM	54.9	49.6	12:50 PM - 12:55 PM	58.0	49.2
07:35 AM - 07:40 AM	60.6	51.1	10:15 AM - 10:20 AM	59.2	52.3	12:55 PM - 01:00 PM	56.2	50.0
07:40 AM - 07:45 AM	57.7	49.9	10:20 AM - 10:25 AM	55.7	51.7	01:00 PM - 01:05 PM	53.8	49.4
07:45 AM - 07:50 AM	57.6	51.6	10:25 AM - 10:30 AM	55.5	49.8	01:05 PM - 01:10 PM	53.6	48.8
07:50 AM - 07:55 AM	57.3	48.8	10:30 AM - 10:35 AM	53.7	49.8	01:10 PM - 01:15 PM	54.7	49.2
07:55 AM - 08:00 AM	59.5	51.6	10:35 AM - 10:40 AM	55.8	49.6	01:15 PM - 01:20 PM	55.2	49.9
08:00 AM - 08:05 AM	63.9	57.2	10:40 AM - 10:45 AM	57.9	49.7	01:20 PM - 01:25 PM	54.3	49.0
08:05 AM - 08:10 AM	59.1	53.5	10:45 AM - 10:50 AM	56.4	50.5	01:25 PM - 01:30 PM	57.3	49.5
08:10 AM - 08:15 AM	60.1	52.1	10:50 AM - 10:55 AM	55.7	50.2	01:30 PM - 01:35 PM	56.2	50.5
08:15 AM - 08:20 AM	56.8	50.7	10:55 AM - 11:00 AM	64.1	49.4	01:35 PM - 01:40 PM	55.8	49.8
08:20 AM - 08:25 AM	55.0	50.6	11:00 AM - 11:05 AM	54.9	48.7	01:40 PM - 01:45 PM	56.1	50.9
08:25 AM - 08:30 AM	56.5	49.6	11:05 AM - 11:10 AM	58.7	48.4	01:45 PM - 01:50 PM	56.1	49.8
08:30 AM - 08:35 AM	59.7	50.3	11:10 AM - 11:15 AM	56.6	49.2	01:50 PM - 01:55 PM	55.3	49.9
08:35 AM - 08:40 AM	55.4	49.6	11:15 AM - 11:20 AM	56.6	50.2	01:55 PM - 02:00 PM	55.4	49.6

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331494-1

Page 1 of 3

Sample Number : 2244227-21
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 29 - May 30, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 29, 2022 Time	Leq dB(A)	L90 dB(A)	May 29, 2022 Time	Leq dB(A)	L90 dB(A)	May 29, 2022 Time	Leq dB(A)	L90 dB(A)
02:00 PM - 02:05 PM	60.1	50.2	04:40 PM - 04:45 PM	54.4	50.7	07:20 PM - 07:25 PM	57.8	53.7
02:05 PM - 02:10 PM	56.2	49.7	04:45 PM - 04:50 PM	57.3	51.4	07:25 PM - 07:30 PM	54.5	50.6
02:10 PM - 02:15 PM	59.2	50.0	04:50 PM - 04:55 PM	55.5	49.9	07:30 PM - 07:35 PM	57.9	51.1
02:15 PM - 02:20 PM	53.7	49.7	04:55 PM - 05:00 PM	55.1	50.8	07:35 PM - 07:40 PM	55.4	50.3
02:20 PM - 02:25 PM	53.5	49.3	05:00 PM - 05:05 PM	58.9	52.7	07:40 PM - 07:45 PM	56.0	51.0
02:25 PM - 02:30 PM	56.8	48.6	05:05 PM - 05:10 PM	57.6	51.0	07:45 PM - 07:50 PM	53.9	49.0
02:30 PM - 02:35 PM	54.3	48.9	05:10 PM - 05:15 PM	59.1	53.9	07:50 PM - 07:55 PM	53.9	49.9
02:35 PM - 02:40 PM	56.7	54.0	05:15 PM - 05:20 PM	58.4	50.8	07:55 PM - 08:00 PM	55.7	49.7
02:40 PM - 02:45 PM	55.8	49.4	05:20 PM - 05:25 PM	57.0	51.7	08:00 PM - 08:05 PM	59.2	50.3
02:45 PM - 02:50 PM	54.9	48.5	05:25 PM - 05:30 PM	56.6	49.6	08:05 PM - 08:10 PM	56.3	50.9
02:50 PM - 02:55 PM	56.8	50.4	05:30 PM - 05:35 PM	58.6	50.7	08:10 PM - 08:15 PM	55.5	49.3
02:55 PM - 03:00 PM	59.3	51.7	05:35 PM - 05:40 PM	55.6	51.1	08:15 PM - 08:20 PM	57.9	49.1
03:00 PM - 03:05 PM	57.6	49.9	05:40 PM - 05:45 PM	56.4	50.9	08:20 PM - 08:25 PM	53.9	49.1
03:05 PM - 03:10 PM	56.5	50.6	05:45 PM - 05:50 PM	55.7	50.8	08:25 PM - 08:30 PM	54.2	48.9
03:10 PM - 03:15 PM	53.8	49.6	05:50 PM - 05:55 PM	55.2	50.3	08:30 PM - 08:35 PM	62.0	52.8
03:15 PM - 03:20 PM	54.1	50.1	05:55 PM - 06:00 PM	57.2	52.1	08:35 PM - 08:40 PM	54.5	48.0
03:20 PM - 03:25 PM	55.3	49.7	06:00 PM - 06:05 PM	57.3	51.2	08:40 PM - 08:45 PM	52.8	47.8
03:25 PM - 03:30 PM	55.7	49.3	06:05 PM - 06:10 PM	59.6	52.3	08:45 PM - 08:50 PM	53.8	48.3
03:30 PM - 03:35 PM	55.6	50.3	06:10 PM - 06:15 PM	56.4	51.4	08:50 PM - 08:55 PM	54.1	48.6
03:35 PM - 03:40 PM	55.0	49.6	06:15 PM - 06:20 PM	59.1	52.2	08:55 PM - 09:00 PM	54.0	48.2
03:40 PM - 03:45 PM	55.1	51.1	06:20 PM - 06:25 PM	55.7	51.3	09:00 PM - 09:05 PM	53.2	48.5
03:45 PM - 03:50 PM	54.3	49.6	06:25 PM - 06:30 PM	55.8	51.2	09:05 PM - 09:10 PM	51.1	48.2
03:50 PM - 03:55 PM	54.7	49.9	06:30 PM - 06:35 PM	57.0	51.8	09:10 PM - 09:15 PM	55.3	48.0
03:55 PM - 04:00 PM	57.0	50.1	06:35 PM - 06:40 PM	57.2	52.5	09:15 PM - 09:20 PM	51.7	48.2
04:00 PM - 04:05 PM	56.7	50.6	06:40 PM - 06:45 PM	57.6	53.0	09:20 PM - 09:25 PM	55.5	49.1
04:05 PM - 04:10 PM	55.7	51.5	06:45 PM - 06:50 PM	57.5	52.5	09:25 PM - 09:30 PM	52.4	47.9
04:10 PM - 04:15 PM	54.7	48.7	06:50 PM - 06:55 PM	58.6	53.2	09:30 PM - 09:35 PM	52.1	47.7
04:15 PM - 04:20 PM	53.5	49.2	06:55 PM - 07:00 PM	58.5	53.4	09:35 PM - 09:40 PM	53.2	47.8
04:20 PM - 04:25 PM	57.5	50.8	07:00 PM - 07:05 PM	58.2	53.3	09:40 PM - 09:45 PM	49.7	47.3
04:25 PM - 04:30 PM	57.1	50.1	07:05 PM - 07:10 PM	57.9	51.2	09:45 PM - 09:50 PM	54.7	47.4
04:30 PM - 04:35 PM	55.7	50.4	07:10 PM - 07:15 PM	56.8	52.1	09:50 PM - 09:55 PM	49.6	47.1
04:35 PM - 04:40 PM	55.3	50.8	07:15 PM - 07:20 PM	58.9	52.2	09:55 PM - 10:00 PM	49.0	47.1

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331494-1

Page 2 of 3

Sample Number : 2244227-21
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 29 - May 30, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 29 - May 30, 2022	Leq	L90	May 30, 2022	Leq	L90	May 30, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 PM - 10:05 PM	50.0	47.4	12:40 AM - 12:45 AM	56.8	44.1	03:20 AM - 03:25 AM	46.6	42.2
10:05 PM - 10:10 PM	50.0	47.6	12:45 AM - 12:50 AM	54.6	44.9	03:25 AM - 03:30 AM	43.6	42.3
10:10 PM - 10:15 PM	53.8	48.0	12:50 AM - 12:55 AM	50.1	44.5	03:30 AM - 03:35 AM	43.2	42.4
10:15 PM - 10:20 PM	51.3	47.0	12:55 AM - 01:00 AM	51.7	44.4	03:35 AM - 03:40 AM	47.2	42.6
10:20 PM - 10:25 PM	50.4	46.3	01:00 AM - 01:05 AM	44.9	43.9	03:40 AM - 03:45 AM	46.6	42.5
10:25 PM - 10:30 PM	50.3	46.5	01:05 AM - 01:10 AM	45.4	43.3	03:45 AM - 03:50 AM	47.6	42.2
10:30 PM - 10:35 PM	58.3	48.4	01:10 AM - 01:15 AM	51.0	43.6	03:50 AM - 03:55 AM	47.4	42.4
10:35 PM - 10:40 PM	52.7	46.1	01:15 AM - 01:20 AM	45.6	43.5	03:55 AM - 04:00 AM	49.0	42.8
10:40 PM - 10:45 PM	48.2	46.1	01:20 AM - 01:25 AM	46.9	43.7	04:00 AM - 04:05 AM	46.4	41.9
10:45 PM - 10:50 PM	50.2	45.8	01:25 AM - 01:30 AM	50.9	44.1	04:05 AM - 04:10 AM	45.5	42.3
10:50 PM - 10:55 PM	48.3	45.8	01:30 AM - 01:35 AM	49.4	43.6	04:10 AM - 04:15 AM	45.4	42.3
10:55 PM - 11:00 PM	56.0	47.0	01:35 AM - 01:40 AM	44.2	43.4	04:15 AM - 04:20 AM	47.4	42.2
11:00 PM - 11:05 PM	60.1	46.8	01:40 AM - 01:45 AM	43.9	43.2	04:20 AM - 04:25 AM	45.1	42.0
11:05 PM - 11:10 PM	49.5	45.6	01:45 AM - 01:50 AM	46.0	43.2	04:25 AM - 04:30 AM	48.5	42.3
11:10 PM - 11:15 PM	48.6	45.4	01:50 AM - 01:55 AM	44.3	43.2	04:30 AM - 04:35 AM	45.9	42.2
11:15 PM - 11:20 PM	54.2	45.3	01:55 AM - 02:00 AM	48.4	43.4	04:35 AM - 04:40 AM	46.6	41.7
11:20 PM - 11:25 PM	63.4	45.3	02:00 AM - 02:05 AM	47.0	43.4	04:40 AM - 04:45 AM	51.3	43.0
11:25 PM - 11:30 PM	46.8	45.1	02:05 AM - 02:10 AM	45.1	43.1	04:45 AM - 04:50 AM	47.9	43.0
11:30 PM - 11:35 PM	51.2	44.8	02:10 AM - 02:15 AM	44.4	43.0	04:50 AM - 04:55 AM	53.1	43.4
11:35 PM - 11:40 PM	50.3	45.6	02:15 AM - 02:20 AM	46.3	43.3	04:55 AM - 05:00 AM	47.6	43.6
11:40 PM - 11:45 PM	48.9	45.5	02:20 AM - 02:25 AM	49.5	43.3	05:00 AM - 05:05 AM	51.4	44.7
11:45 PM - 11:50 PM	48.9	45.3	02:25 AM - 02:30 AM	45.3	43.3	05:05 AM - 05:10 AM	52.2	47.0
11:50 PM - 11:55 PM	50.9	44.8	02:30 AM - 02:35 AM	50.9	43.8	05:10 AM - 05:15 AM	54.1	48.7
11:55 PM - 12:00 AM	46.8	44.5	02:35 AM - 02:40 AM	45.0	43.4	05:15 AM - 05:20 AM	59.0	50.0
12:00 AM - 12:05 AM	56.4	45.1	02:40 AM - 02:45 AM	47.6	43.2	05:20 AM - 05:25 AM	59.3	50.1
12:05 AM - 12:10 AM	55.8	44.9	02:45 AM - 02:50 AM	43.8	43.1	05:25 AM - 05:30 AM	57.0	50.7
12:10 AM - 12:15 AM	49.8	44.9	02:50 AM - 02:55 AM	44.3	43.2	05:30 AM - 05:35 AM	57.5	51.6
12:15 AM - 12:20 AM	56.5	45.4	02:55 AM - 03:00 AM	45.5	44.1	05:35 AM - 05:40 AM	56.9	50.2
12:20 AM - 12:25 AM	53.6	44.9	03:00 AM - 03:05 AM	50.7	44.3	05:40 AM - 05:45 AM	57.9	50.4
12:25 AM - 12:30 AM	49.4	44.8	03:05 AM - 03:10 AM	46.7	43.3	05:45 AM - 05:50 AM	56.2	51.6
12:30 AM - 12:35 AM	47.5	43.4	03:10 AM - 03:15 AM	44.4	42.6	05:50 AM - 05:55 AM	56.0	50.4
12:35 AM - 12:40 AM	54.0	44.2	03:15 AM - 03:20 AM	48.4	42.3	05:55 AM - 06:00 AM	56.5	52.3

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Approved by

Sarayuth Jittrantont
Assistant General Manager



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244227
Date Received : May 31, 2022
Date Reported : Jun 07, 2022
Report Number : 2331494-1

Page 3 of 3

Sample Number : 2244227-21
Parameter : Noise Level (Leq 5 min)
Location : ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GPS 48P 0196392, 1651555)
Measurement Date : May 29 - May 30, 2022
Measurement by : Sangtawan Natasat
Sound Level meter : Serial No. 00472124

May 30, 2022 Time	Leq dB(A)	L90 dB(A)	May 30, 2022 Time	Leq dB(A)	L90 dB(A)	May 30, 2022 Time	Leq dB(A)	L90 dB(A)
06:00 AM - 06:05 AM	58.0	52.2	08:40 AM - 08:45 AM	57.7	52.7	11:20 AM - 11:25 AM	57.6	51.1
06:05 AM - 06:10 AM	58.4	54.2	08:45 AM - 08:50 AM	58.4	53.8	11:25 AM - 11:30 AM	58.8	52.6
06:10 AM - 06:15 AM	59.9	55.5	08:50 AM - 08:55 AM	57.4	53.5	11:30 AM - 11:35 AM	57.3	52.0
06:15 AM - 06:20 AM	61.4	57.6	08:55 AM - 09:00 AM	58.8	53.3	11:35 AM - 11:40 AM	54.7	51.4
06:20 AM - 06:25 AM	61.3	57.6	09:00 AM - 09:05 AM	60.2	51.7	11:40 AM - 11:45 AM	55.1	51.4
06:25 AM - 06:30 AM	62.3	57.7	09:05 AM - 09:10 AM	55.9	52.4	11:45 AM - 11:50 AM	57.6	51.7
06:30 AM - 06:35 AM	60.9	57.0	09:10 AM - 09:15 AM	57.9	51.8	11:50 AM - 11:55 AM	57.2	52.1
06:35 AM - 06:40 AM	62.0	57.4	09:15 AM - 09:20 AM	57.5	53.4	11:55 AM - 12:00 PM	62.8	53.0
06:40 AM - 06:45 AM	60.6	56.2	09:20 AM - 09:25 AM	57.8	52.2	12:00 PM - 12:05 PM	57.1	51.8
06:45 AM - 06:50 AM	60.0	54.5	09:25 AM - 09:30 AM	57.2	51.8	12:05 PM - 12:10 PM	58.5	52.4
06:50 AM - 06:55 AM	60.7	55.3	09:30 AM - 09:35 AM	59.6	52.0	12:10 PM - 12:15 PM	58.3	51.7
06:55 AM - 07:00 AM	63.7	56.9	09:35 AM - 09:40 AM	56.3	52.3	12:15 PM - 12:20 PM	55.3	51.2
07:00 AM - 07:05 AM	64.8	60.8	09:40 AM - 09:45 AM	58.0	52.3	12:20 PM - 12:25 PM	56.3	52.6
07:05 AM - 07:10 AM	65.8	61.7	09:45 AM - 09:50 AM	56.4	51.9	12:25 PM - 12:30 PM	59.6	52.5
07:10 AM - 07:15 AM	66.1	61.8	09:50 AM - 09:55 AM	56.6	51.5	12:30 PM - 12:35 PM	55.4	51.1
07:15 AM - 07:20 AM	66.4	62.4	09:55 AM - 10:00 AM	56.2	51.5	12:35 PM - 12:40 PM	56.7	50.8
07:20 AM - 07:25 AM	66.1	62.0	10:00 AM - 10:05 AM	58.3	52.4	12:40 PM - 12:45 PM	58.9	50.7
07:25 AM - 07:30 AM	67.4	62.5	10:05 AM - 10:10 AM	57.5	51.4	12:45 PM - 12:50 PM	56.1	51.1
07:30 AM - 07:35 AM	66.3	63.0	10:10 AM - 10:15 AM	58.8	55.5	12:50 PM - 12:55 PM	55.1	52.0
07:35 AM - 07:40 AM	66.7	61.4	10:15 AM - 10:20 AM	58.2	54.4	12:55 PM - 01:00 PM	56.7	50.8
07:40 AM - 07:45 AM	66.3	61.2	10:20 AM - 10:25 AM	56.8	52.4	01:00 PM - 01:05 PM	66.0	53.3
07:45 AM - 07:50 AM	65.4	60.4	10:25 AM - 10:30 AM	58.2	52.8	01:05 PM - 01:10 PM	56.2	51.5
07:50 AM - 07:55 AM	65.0	60.2	10:30 AM - 10:35 AM	57.1	52.6	01:10 PM - 01:15 PM	58.3	52.4
07:55 AM - 08:00 AM	66.4	60.1	10:35 AM - 10:40 AM	58.3	52.9	01:15 PM - 01:20 PM	57.5	51.4
08:00 AM - 08:05 AM	65.9	60.0	10:40 AM - 10:45 AM	59.3	53.7	01:20 PM - 01:25 PM	58.8	55.5
08:05 AM - 08:10 AM	64.1	59.0	10:45 AM - 10:50 AM	57.3	52.0	01:25 PM - 01:30 PM	58.4	53.8
08:10 AM - 08:15 AM	64.1	59.5	10:50 AM - 10:55 AM	58.7	54.3	01:30 PM - 01:35 PM	57.4	53.5
08:15 AM - 08:20 AM	62.3	54.0	10:55 AM - 11:00 AM	57.2	52.9	01:35 PM - 01:40 PM	58.8	53.3
08:20 AM - 08:25 AM	57.4	52.9	11:00 AM - 11:05 AM	56.9	52.4	01:40 PM - 01:45 PM	60.2	51.7
08:25 AM - 08:30 AM	60.3	52.8	11:05 AM - 11:10 AM	56.3	51.4	01:45 PM - 01:50 PM	55.9	52.4
08:30 AM - 08:35 AM	56.1	52.1	11:10 AM - 11:15 AM	57.6	51.7	01:50 PM - 01:55 PM	57.9	51.8
08:35 AM - 08:40 AM	60.3	52.2	11:15 AM - 11:20 AM	56.9	52.3	01:55 PM - 02:00 PM	59.6	52.5

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Approved by

Sarayuth Jitranont
Assistant General Manager

ภาคผนวก ค-4

คุณภาพน้ำทิ้ง



Analysis / Test Report

TESTING

No.0009

Lot ID: 21139643

Date Received : Jan 21, 2022

Date Reported : Jan 28, 2022

Report Number : 2159499-1

Client : Gulf NRV1 Co., Ltd.

456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000

P/O : สัญญาเลขที่ 4600001546

Project Name : Monitoring EIA

Project Location : GNRV1

Page 1 of 1

Sample Number	21139643-1							
Sampled Date	Jan 20, 2022 10:30 AM							
Sample Description	Wastewater							
Location	บ่อพักน้ำทิ้งรวม							
Date Analysis Commenced	Jan 21, 2022							
Condition of Sample	Contained in one amber glass bottle, six plastic bottles, two BOD bottles and two glass vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)							
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Chromium	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Based on APHA (2017), 3125	Bangkok
Copper	mg/L	0.0003	0.0005	0.0005	≤1	No Standard	Based on APHA (2017), 3125	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.005	No Standard	Based on APHA (2017), 3112	Bangkok
Zinc	mg/L	0.003	0.005	0.01	≤5.0	No Standard	Based on APHA (2017), 3125	Bangkok
Water Testing								
BOD (5 days at 20 degree C)	mg/L	-	2	<2	≤20	No Standard	Based on APHA (2017), 5210 B	Bangkok
Oil & Grease	mg/L	-	3	<3	≤5	No Standard	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C		-	-	7.4	6.5-8.5	No Standard	Based on APHA (2017), 4500-H (B)	Bangkok
Temperature *	Degree C	-	-	25.5	≤40	≤34	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	208	≤1300	≤1100	Based on APHA (2017), 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	1.6	≤35	No Standard	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	12	≤30	No Standard	Based on APHA (2017), 2540 D	Bangkok

Guideline : Guideline (1) : Water Characteristics Discharge into Irrigation System, Royal Irrigation Department No.18/2561.

Guideline (2) : Environmental Impact Assessment Report of Gulf NRV1 Co., Ltd.

Sampled By : Sangtawan Natasat

Remark :

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

Technical Management

Sawitree N.

Sawitree Noisangiam

Assistant Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

Kanokkorn Anek

Kanokkorn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

TESTING
No.0009
Lot ID: 21139643
Date Received : Jan 21, 2022
Date Reported : Jan 28, 2022
Report Number : 2159499-2

Page 1 of 1

Sample Number	21139643-1							
Sampled Date	Jan 20, 2022 10:30 AM							
Sample Description	Wastewater							
Location	บ่อพักน้ำทิ้งรวม							
Date Analysis Commenced	Jan 21, 2022							
Condition of Sample	Contained in one amber glass bottle, six plastic bottles, two BOD bottles and two glass vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)							

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Calcium *	mmol/L	0.0005	0.005	0.48	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Magnesium *	mmol/L	0.003	0.008	0.31	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
SAR *	-	-	-	2.08	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Sodium *	mmol/L	0.0005	0.005	1.85	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Microbiological Testing								
Fecal Coliform	MPN/100mL	-	-	49.0	No Standard	No Standard	APHA (2017), 9221 E	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	-	0.06	<0.06	No Standard	No Standard	Based on APHA (2017), 4500-NH3 (B), (F)	Bangkok
Chlorite *	mg/L	0.05	0.1	Not Detected	No Standard	≤2.92	Based on US EPA, Method 300.1	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	348	No Standard	No Standard	Based on APHA (2017), 2510 B	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	6.7	≥2	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok
Phosphate as P *	mg/L	0.005	0.01	<0.01	No Standard	No Standard	Based on APHA (2017), 4500-P(E)	Bangkok

Guideline :

Guideline (1) : Water Characteristics Discharge into Irrigation System, Royal Irrigation Department No.18/2561.

Guideline (2) : Environmental Impact Assessment Report of Gulf NRV1 Co., Ltd.

Sampled By : Sangtawan Natasat

Remark :

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

Approved by

Tuanjai Thangklang
Assistant Manager

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

TESTING
No.0009
Lot ID: 21147777
Date Received : Feb 11, 2022
Date Reported : Feb 19, 2022
Report Number : 2180366-1

Page 1 of 1

Sample Number	21147777-1							
Sampled Date	Feb 10, 2022 10:00 AM							
Sample Description	Wastewater							
Location	บ่อพักน้ำทิ้งรวม							
Date Analysis Commenced	Feb 11, 2022							
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)							

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Chromium	mg/L	0.0003	0.0005	<0.0005	No Standard	No Standard	Based on APHA (2017), 3125	Bangkok
Copper	mg/L	0.0003	0.0005	0.003	≤1	No Standard	Based on APHA (2017), 3125	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.005	No Standard	Based on APHA (2017), 3112	Bangkok
Zinc	mg/L	0.003	0.005	0.04	≤5.0	No Standard	Based on APHA (2017), 3125	Bangkok
Water Testing								
BOD (5 days at 20 degree C)	mg/L	-	2	14	≤20	No Standard	Based on APHA (2017), 5210 B	Bangkok
Oil & Grease	mg/L	-	3	4	≤5	No Standard	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C		-	-	7.8	6.5-8.5	No Standard	Based on APHA (2017), 4500-H (B)	Bangkok
Temperature *	Degree C	-	-	28.8	≤40	≤34	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	288	≤1300	≤1100	Based on APHA (2017), 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	2.2	≤35	No Standard	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	17	≤30	No Standard	Based on APHA (2017), 2540 D	Bangkok

Guideline : Guideline (1) : Water Characteristics Discharge into Irrigation System, Royal Irrigation Department No.18/2561.
Guideline (2) : Environmental Impact Assessment Report of Gulf NRV1 Co., Ltd.

Sampled By : Sangtawan Natasat

Remark :

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

Technical Management

Sawitree N.

Sawitree Noisangiam
Assistant Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

Kanokkorn Anek

Kanokkorn Anek
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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Analysis / Test Report

TESTING

No.0009

Lot ID: 21147777

Date Received : Feb 11, 2022

Date Reported : Feb 19, 2022

Report Number : 2180366-2

Client : Gulf NRV1 Co., Ltd.

456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000

P/O : สัญญาเลขที่ 4600001546

Project Name : Monitoring EIA

Project Location : GNRV1

Page 1 of 1

Sample Number	21147777-1							
Sampled Date	Feb 10, 2022 10:00 AM							
Sample Description	Wastewater							
Location	บ่อพักน้ำทิ้งรวม							
Date Analysis Commenced	Feb 11, 2022							
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)							

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Calcium *	mmol/L	0.002	0.004	0.54	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Magnesium *	mmol/L	0.002	0.004	0.32	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
SAR *		-	-	1.67	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Sodium *	mmol/L	0.002	0.004	1.55	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Microbiological Testing								
Fecal Coliform	MPN/100mL	-	-	79.0	No Standard	No Standard	APHA (2017), 9221 E	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	-	0.06	0.20	No Standard	No Standard	Based on APHA (2017), 4500-NH3 (B), (F)	Bangkok
Chlorite *	mg/L	0.05	0.1	Not Detected	No Standard	≤2.92	Based on US EPA, Method 300.1	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	374	No Standard	No Standard	Based on APHA (2017), 2510 B	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	5.7	≥2	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok
Phosphate as P *	mg/L	0.005	0.01	Not Detected	No Standard	No Standard	Based on APHA (2017), 4500-P(E)	Bangkok

Guideline :

Guideline (1) : Water Characteristics Discharge into Irrigation System, Royal Irrigation Department No.18/2561.

Guideline (2) : Environmental Impact Assessment Report of Gulf NRV1 Co., Ltd.

Sampled By : Sangtawan Natasat

Remark :

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

Sawitree N.

Sawitree Noisangiam
Assistant Manager



Analysis / Test Report

TESTING

No.0009

Lot ID: 2218122

Date Received : Mar 18, 2022

Date Reported : May 20, 2022

Report Number : 2318593-1

Client : Gulf NRV1 Co., Ltd.

456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000

P/O : สัญญาเลขที่ 4600001546

Project Name : Monitoring EIA

Project Location : GNRV1

Page 1 of 1

Sample Number	2218122-1							
Sampled Date	Mar 17, 2022 1:35 PM							
Sample Description	Wastewater							
Location	บ่อพักน้ำทิ้งรวม							
Date Analysis Commenced	Mar 18, 2022							
Condition of Sample	Contained in six plastic bottles, one amber glass bottle, two glass vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)							

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Chromium	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Based on APHA (2017), 3125	Bangkok
Copper	mg/L	0.0003	0.0005	0.002	≤1	No Standard	Based on APHA (2017), 3125	Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.005	No Standard	Based on US EPA, Method 1631 Revision E	Bangkok
Zinc	mg/L	0.003	0.005	0.06	≤5.0	No Standard	Based on APHA (2017), 3125	Bangkok
Water Testing								
pH at 25 degree C		-	-	8.0	6.5-8.5	No Standard	Based on APHA (2017), 4500-H (B)	Bangkok
Temperature *	Degree C	-	-	32.1	≤40	≤34	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	184	≤1300	≤1100	Based on APHA (2017), 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	1.9	≤35	No Standard	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	5	≤30	No Standard	Based on APHA (2017), 2540 D	Bangkok

Guideline : Guideline (1) : Water Characteristics Discharge into Irrigation System, Royal Irrigation Department No.18/2561.

Guideline (2) : Environmental Impact Assessment Report of Gulf NRV1 Co., Ltd.

Note : This Analysis test report is reissued to supersede report No.2228346-1, Date Reported : Mar 25, 2022 due to revise analytical information.

Sampled By : Sangtawan Natasat

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

Nant Somb

Nanthawadee Somboon

Specialist 1

ทะเบียนเลขที่ ว-204-จ-4716

Approved by

Kanokkorn Anek

Kanokkorn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2218122

Date Received : Mar 18, 2022

Date Reported : May 20, 2022

Report Number : 2318593-2

Client : Gulf NRV1 Co., Ltd.

456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000

P/O : สัญญาเลขที่ 4600001546

Project Name : Monitoring EIA

Project Location : GNRV1

Page 1 of 1

Sample Number	2218122-1							
Sampled Date	Mar 17, 2022 1:35 PM							
Sample Description	Wastewater							
Location	บ่อพักน้ำทิ้งรวม							
Date Analysis Commenced	Mar 18, 2022							
Condition of Sample	Contained in six plastic bottles, one amber glass bottle, two glass vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)							

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Calcium	mmol/L	0.002	0.004	0.54	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Magnesium	mmol/L	0.002	0.004	0.31	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
SAR *		-	-	1.31	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Sodium	mmol/L	0.002	0.004	1.20	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Microbiological Testing								
Fecal Coliform	MPN/100mL	-	-	79.0	No Standard	No Standard	APHA (2017), 9221 E	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	-	0.06	0.57	No Standard	No Standard	Based on APHA (2017), 4500-NH3 (B), (F)	Bangkok
Chlorite *	mg/L	0.05	0.1	Not Detected	No Standard	≤2.92	Based on US EPA, Method 300.1	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	298	No Standard	No Standard	Based on APHA (2017), 2510 B	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	5.8	≥2	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok
Phosphate as P *	mg/L	0.005	0.01	0.02	No Standard	No Standard	Based on APHA (2017), 4500-P(E)	Bangkok

Guideline : Guideline (1) : Water Characteristics Discharge into Irrigation System, Royal Irrigation Department No.18/2561.

Guideline (2) : Environmental Impact Assessment Report of Gulf NRV1 Co., Ltd.

Note : This Analysis test report is reissued to supersede report No.2228346-2, Date Reported : Mar 25, 2022 due to revise analytical information.

Sampled By : Sangtawan Natasat

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.

Approved by

Nant Somb

Nanthawadee Somboon
Specialist 1

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000

P/O :

Project Name : Monitoring EIA

Project Location : GNRV1

TESTING
No.0009

Lot ID: 2240351

Date Received : Apr 01, 2022

Date Reported : Apr 07, 2022

Report Number : 2274511-1

Page 1 of 1

Sample Number	2240351-1							
Sampled Date	Mar 31, 2022 10:30 AM							
Sample Description	Wastewater							
Location	บ่อพักน้ำทิ้งรวม							
Date Analysis Commenced	Apr 01, 2022							
Condition of Sample	Contained in one amber glass bottle and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)							

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Water Testing								
BOD (5 days at 20 degree C)	mg/L	-	2	4	≤20	No Standard	Based on APHA (2017), 5210 B	Bangkok
Oil & Grease	mg/L	-	3	3	≤5	No Standard	Based on APHA (2017), 5520 B	Bangkok

Guideline : Guideline (1) : Water Characteristics Discharge into Irrigation System, Royal Irrigation Department No.18/2561.

Guideline (2) : Environmental Impact Assessment Report of Gulf NRV1 Co., Ltd.

Sampled By : Sangtawan Natasat

Remark :

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

Technical Management

Siriluk P.

Siriluk Puengpang

Supervisor

ทะเบียนเลขที่ ว-204-จ-4720

Approved by

Kanokkorn Anek

Kanokkorn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

TESTING
No.0009
Lot ID: 2226177
Date Received : Apr 07, 2022
Date Reported : Apr 19, 2022
Report Number : 2244130-1

Page 1 of 1

Sample Number	2226177-1							
Sampled Date	Apr 07, 2022 1:40 PM							
Sample Description	Wastewater							
Location	บ่อพักน้ำทิ้งรวม							
Date Analysis Commenced	Apr 07, 2022							
Condition of Sample	Contained in two DO bottles, two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)							

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Chromium	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Based on APHA (2017), 3125	Bangkok
Copper	mg/L	0.0003	0.0005	0.002	≤1	No Standard	Based on APHA (2017), 3125	Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.005	No Standard	Based on US EPA, Method 1631 Revision E	Bangkok
Zinc	mg/L	0.003	0.005	0.03	≤5.0	No Standard	Based on APHA (2017), 3125	Bangkok
Water Testing								
BOD (5 days at 20 degree C)	mg/L	-	2	5	≤20	No Standard	Based on APHA (2017), 5210 B	Bangkok
Oil & Grease	mg/L	-	3	<3	≤5	No Standard	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C		-	-	7.8	6.5-8.5	No Standard	Based on APHA (2017), 4500-H (B)	Bangkok
Temperature *	Degree C	-	-	29.5	≤40	≤34	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	200	≤1300	≤1100	Based on APHA (2017), 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	2.2	≤35	No Standard	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	17	≤30	No Standard	Based on APHA (2017), 2540 D	Bangkok

Guideline : Guideline (1) : Water Characteristics Discharge into Irrigation System, Royal Irrigation Department No.18/2561.
Guideline (2) : Environmental Impact Assessment Report of Gulf NRV1 Co., Ltd.

Sampled By : Sangtawan Natasat

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

Chanatt L.

Chanattagarn Imchom
Supervisor

ทะเบียนเลขที่ ว-204-จ-4710

Approved by

Kanokkorn Anek

Kanokkorn Anek
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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Analysis / Test Report

TESTING
No.0009

Client 2m IG6Rf v VoQ. tcC

9L4 5 oo 41TC6 onMraDeinM1AC5 - anM16agkonrat: kasiN a 8FFFF

P/O : สัญญาเลขที่94FFFFvL94

Project Name 25 onitorinMhEA

Project Location 2m6 Rf v

Lot ID: 2226177

Date Re: eiDec 2Apr Fb1, F,,

Date Reportec 2Apr vd1, F,,

Report 6- Nuer 2, , 99v8F3,

IaMe v oGv

Sample Number	,,, 4vbb3v							
Sampled Date	Apr Fb1, F,, v29F I5							
Sample Description	P aste7 ater							
Location	บ่อกักน้ำทิ้งรวม							
Date Analysis Commenced	Apr FW1, F,,							
Condition of Sample	Vontainec in t7 o 0w uottles1t7 o Mass Dials1one aNuer Mass uottle anc siB plasti: uottles1saNple :ontainers :oN ply to pretreatN ent 3preserDation stancarcS QAI x A1(HhIAU							

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Val:i- N	NN ol/.	F0FF,	F0FF9	F0L4	6o Htancarc	6o Htancarc	Sasec on (H hIA15 etkoc , FF01	SanMgog ReDision 90
5 aMhesi- N	NN ol/.	F0FF,	F0FF9	F0BL	6o Htancarc	6o Htancarc	Sasec on (H hIA15 etkoc , FF01	SanMgog ReDision 90
HAR)		3	3	v08	6o Htancarc	6o Htancarc	Sasec on (H hIA15 etkoc , FF01	SanMgog ReDision 90
Hoci- N	NN ol/.	F0FF,	F0FF9	v0Bb	6o Htancarc	6o Htancarc	Sasec on (H hIA15 etkoc , FF01	SanMgog ReDision 90
Microbiological Testing								
*e:al Voli0rN	5 I6/vFFN.	3	3	bF0F	6o Htancarc	6o Htancarc	AI x A Q FvbULd, , v h	SanMgog
Water Testing								
AN N onia 6itroMen)	N MY.	3	F0F4	F0VF	6o Htancarc	6o Htancarc	Sasec on AI x A Q FvbUL9LFF36x8	SanMgog 05UL0U
Vklorite)	N MY.	F0FL	F0V	6ot 0ete:tec	6o Htancarc	≤, 0,	Sasec on (H hIA15 etkoc 8FF0	SanMgog
Vonc- :tiDity at , L ceMree V)	Ni:roN kos/:N	3	F0L	, dL	6o Htancarc	6o Htancarc	Sasec on AI x A Q FvbUL, LvF S	SanMgog
0issolDec wByMen)	N MY.	3	F0V	b0C	≥,	6o Htancarc	Sasec on AI x A Q FvbUL9LFF3w	SanMgog 0U
I kospkate as I)	N MY.	F0FFL	F0Fv	6ot 0ete:tec	6o Htancarc	6o Htancarc	Sasec on AI x A Q FvbUL9LFF30U	SanMgog

Guideline :

Guideline : m- iceline QVU2P ater Vkara:teristi: s 0is: karMe into ErriMation HysteN 1Royal ErriMation 0epartN ent 6o0W, L4vC
m- iceline Q U2hnDronN ental BN pa: t AssessN ent Report oGm- IG6Rf v VoQ. tcC

Sampled By : HanMta7 an 6atasat

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- .w0 2. iN it oG0ete:tion
- "<" 2. o7 er tk an .wQ O iN it oGQ- antitationU/ .wR O iN it oGReportinMU
- Analyte0UNargec) is/are not in: l- cec in s: ope oGA:: recitation 0w/0hV vbF, LC

Approved by

Chamatt L.

VkanattaMarn BN : koN

H- perDsor

Tke auoDe res- lts are Dalic only 0r tke analyzec/testec saNple0Uas inci: atec in tkis reportC6o part oGtkis report or : erti0ate Nay ue repro- : ec in any 0rN 7 itko- t 7 ritten : onsent 0oN tke . auoratoryCA. H. auoratory mro- p 0kailancU stronMy re: oNN encs tkat tkis report is not repro- : ec eB: ept in G IIC

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Analysis / Test Report

TESTING
No.0009

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244363

Date Received : May 13, 2022

Date Reported : May 21, 2022

Report Number : 2283525-1

Page 1 of 1

Sample Number	2244363-1
Sampled Date	May 12, 2022 10:40 AM
Sample Description	Wastewater
Location	บ่อกักน้ำทิ้งรวม
Date Analysis Commenced	May 13, 2022
Condition of Sample	Contained in two glass vials, two BOD bottles, six plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Chromium	mg/L	0.0003	0.0005	0.001	No Standard	No Standard	Based on APHA (2017), 3125	Bangkok
Copper	mg/L	0.0003	0.0005	0.0008	≤1	No Standard	Based on APHA (2017), 3125	Bangkok
Zinc	mg/L	0.003	0.005	0.04	≤5.0	No Standard	Based on APHA (2017), 3125	Bangkok
Water Testing								
BOD (5 days at 20 degree C)	mg/L	-	2	<2	≤20	No Standard	Based on APHA (2017), 5210 B	Bangkok
Oil & Grease	mg/L	-	3	4	≤5	No Standard	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C		-	-	8.2	6.5-8.5	No Standard	Based on APHA (2017), 4500-H (B)	Bangkok
Temperature *	Degree C	-	-	31.3	≤40	≤34	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	148	≤1300	≤1100	Based on APHA (2017), 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	1.4	≤35	No Standard	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	7	≤30	No Standard	Based on APHA (2017), 2540 D	Bangkok

Guideline : Guideline (1) : Water Characteristics Discharge into Irrigation System, Royal Irrigation Department No.18/2561.

Guideline (2) : Environmental Impact Assessment Report of Gulf NRV1 Co., Ltd.

Sampled By : Sangtawan Natasat

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

Chanatt L.

Chanattagarn Imchom

Supervisor

ทะเบียนเลขที่ ว-204-จ-4710

Approved by

Kanok Korn Anek

Kanokkorn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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Analysis / Test Report

TESTING
No.0009

Client : m IG6 Rf b VoÇ . tdC
L84 F oo 4, TC6 on5ravein5, ACF - an5, 6aMgonratcgasiN a 10000
P/O : สัญญาเลขที่L40000b8L4
Project Name : F onitorin5 kHA
Project Location : m6 Rf b

Lot ID: 2244363

Date Received : F ay b1, 2022

Date Reported : F ay 2b, 2022

Report 6- N uer : 229182832

Ea5e b oGb

Sample Number	22LL1413b
Sampled Date	F ay b2, 2022 b0:L0 AF
Sample Description	I asteP ater
Location	บ่อกักน้ำทิ้งรวม
Date Analysis Commenced	F ay b1, 2022
Condition of Sample	Vontained in tP o 5lass vials, tP o 7WD uottles, siwplastic uottles and one aN uer 5lass uottle, saN ple containers coN ply to pretreatN ent 3 preservation standards BAEOA, x(kEAH

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Valci- N	NN ol/.	0002	000L	00L	6o (tandard	6o (tandard	7ased on x(kEA, F etgod 2000, Revision L0	7an5MbM
F a5nesi- N	NN ol/.	0002	000L	0024	6o (tandard	6o (tandard	7ased on x(kEA, F etgod 2000, Revision L0	7an5MbM
Ferc- ry S	N 5/.	0000b	00008	6ot Detected	≤0008	6o (tandard	7ased on AEOA B0bUH 1bb2	7an5MbM
(AR S		3	3	b00	6o (tandard	6o (tandard	7ased on x(kEA, F etgod 2000, Revision L0	7an5MbM
(odi- N	NN ol/.	0002	000L	b09	6o (tandard	6o (tandard	7ased on x(kEA, F etgod 2000, Revision L0	7an5MbM
Microbiological Testing								
)ecal Voli@rN	F E6/b00N.	3	3	1100	6o (tandard	6o (tandard	AEOA B0bUH *22b k	7an5MbM
Water Testing								
ANN onia 6itro5en S	N 5/.	3	004	00U	6o (tandard	6o (tandard	7ased on AEOA B0bUH L800301 B/H B/H	7an5MbM
Vglorite S	N 5/.	008	00	6ot Detected	6o (tandard	≤202	7ased on x(kEA, F etgod 1000	7an5MbM
Vond- ctivity at 28 de5ree V S	NicroN gos/cN	3	00	2**	6o (tandard	6o (tandard	7ased on AEOA B0bUH 28b0 7	7an5MbM
Dissolved Wwy5en S	N 5/.	3	00	80	≥2	6o (tandard	7ased on AEOA B0bUH L8003W B/H	7an5MbM
Egospgate as E S	N 5/.	0008	00b	6ot Detected	6o (tandard	6o (tandard	7ased on AEOA B0bUH L8003BkH	7an5MbM

Guideline :

Guideline : m- ideline BbH: I ater Vgaracteristics Discgar5e into hri5ation (ysteN, Royal hri5ation DepartN ent 6o09/284bC
m- ideline B2H: knvironNental hN pact AssessN ent Report oGm- IG6 Rf b VoÇ . tdC

Sampled By : (an5taPan 6atasat

ReN arM:

- . WD : . iN it oGDetection
- "<" : . oP er tgan . WQ B iN it oGQ- antitationH/ . WR B iN it oGReportin5H
- AnalyteBHN arMed S is/are not incl- ded in scope oGAccreditation h(W/hkV bu028C

Approved by

Sithichok T.

(itgicgoMTgon5n5- en
(cientist B1H

Tge auove res- lts are valid only @r tge analyzed/tested saN pleBHas indicated in tgis reportC6o part oGtgis report or certiGcate Nay ue reprod- ced in any @rN P itgo- t Pritten consent G0N tge . auoratoryCA. (. auoratory mro- p BgallandH stron5ly recoNN ends tgat tgis report is not reprod- ced ewcept in G IIC

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Analysis / Test Report

TESTING
No.0009

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2253002

Date Received : Jun 11, 2022

Date Reported : Jun 20, 2022

Report Number : 2301558-1

Page 1 of 1

Sample Number	2253002-1
Sampled Date	Jun 10, 2022 9:40 AM
Sample Description	Wastewater
Location	บ่อพักน้ำทิ้งรวม
Date Analysis Commenced	Jun 11, 2022
Condition of Sample	Contained in two BOD bottles, two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Chromium	mg/L	0.0003	0.0005	0.001	No Standard	No Standard	Based on APHA (2017), 3125	Bangkok
Copper	mg/L	0.0003	0.0005	0.002	≤1	No Standard	Based on APHA (2017), 3125	Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.005	No Standard	Based on US EPA, Method 1631 Revision E	Bangkok
Zinc	mg/L	0.003	0.005	0.09	≤5.0	No Standard	Based on APHA (2017), 3125	Bangkok
Water Testing								
BOD (5 days at 20 degree C)	mg/L	-	2	3	≤20	No Standard	Based on APHA (2017), 5210 B	Bangkok
Oil & Grease	mg/L	-	3	3	≤5	No Standard	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C		-	-	7.2	6.5-8.5	No Standard	Based on APHA (2017), 4500-H (B)	Bangkok
Temperature *	Degree C	-	-	31.7	≤40	≤34	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	220	≤1300	≤1100	Based on APHA (2017), 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	1.3	≤35	No Standard	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	8	≤30	No Standard	Based on APHA (2017), 2540 D	Bangkok

Guideline : Guideline (1) : Water Characteristics Discharge into Irrigation System, Royal Irrigation Department No.18/2561.

Guideline (2) : Environmental Impact Assessment Report of Gulf NRV1 Co., Ltd.

Sampled By : Sangtawan Natasat

Remark :

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

Chanatt L.

Chanattagarn Imchom

Supervisor

ทะเบียนเลขที่ ว-204-จ-4710

Approved by

Kanokkorn Anek

Kanokkorn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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Analysis / Test Report

TESTING
No.0009

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2253002
Date Received : Jun 11, 2022
Date Reported : Jun 20, 2022
Report Number : 2301558-2

Page 1 of 1

Sample Number	2253002-1							
Sampled Date	Jun 10, 2022 9:40 AM							
Sample Description	Wastewater							
Location	บ่อกักน้ำทิ้งรวม							
Date Analysis Commenced	Jun 11, 2022							
Condition of Sample	Contained in two BOD bottles, two glass vials, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)							
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Calcium	mmol/L	0.002	0.004	0.43	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Magnesium	mmol/L	0.002	0.004	0.22	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
SAR *		-	-	2.01	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Sodium	mmol/L	0.002	0.004	1.62	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Microbiological Testing								
Fecal Coliform	MPN/100mL	-	-	49.0	No Standard	No Standard	APHA (2017), 9221 E	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	-	0.06	<0.06	No Standard	No Standard	Based on APHA (2017), 4500-NH3 (B), (F)	Bangkok
Chlorite *	mg/L	0.05	0.1	Not Detected	No Standard	≤2.92	Based on US EPA, Method 300.1	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	344	No Standard	No Standard	Based on APHA (2017), 2510 B	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	6.5	≥2	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok
Phosphate as P *	mg/L	0.005	0.01	Not Detected	No Standard	No Standard	Based on APHA (2017), 4500-P(E)	Bangkok

Guideline :

Guideline : Guideline (1) : Water Characteristics Discharge into Irrigation System, Royal Irrigation Department No.18/2561.
Guideline (2) : Environmental Impact Assessment Report of Gulf NRV1 Co., Ltd.

Sampled By : Sangtawan Natasat

Remark :

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Approved by

Sithichok T.

Sithichok Thongnguen
Scientist (3)

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ภาคผนวก ค-5

คุณภาพน้ำใต้ดิน



Analysis / Test Report

TESTING
No.0009

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2226693

Date Received : Mar 11, 2022

Date Reported : Mar 19, 2022

Report Number : 2245032-1

Page 1 of 3

Sample Number	2226693-1
Sampled Date	Mar 10, 2022 3:40 PM
Sample Description	Groundwater
Location	GW1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 1
Date Analysis Commenced	Mar 11, 2022
Condition of Sample	Contained in one amber glass bottle, three 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	<2	No Standard	Based on APHA (2017), 5210 B	Bangkok
Chlorite *	mg/L	0.05	0.1	Not Detected	No Standard	Based on US EPA, Method 300.1	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	130	No Standard	Based on APHA (2017), 2510 B	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	5.8	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok
Oil & Grease	mg/L	-	3	3	No Standard	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C		-	-	6.5	6.5-9.2 (I)	Based on APHA (2017), 4500-H (B)	Bangkok
Temperature *	Degree C	-	-	29.6	No Standard	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	316	No Standard	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	12	No Standard	Based on APHA (2017), 2540 D	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Sangtawan Natasat

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Approved by

Siriluk P.

Siriluk Puengpang
Supervisor

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Analysis / Test Report

TESTING
No.0009

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2226693

Date Received : Mar 11, 2022

Date Reported : Mar 19, 2022

Report Number : 2245032-1

Page 2 of 3

Sample Number	2226693-2
Sampled Date	Mar 10, 2022 3:20 PM
Sample Description	Groundwater
Location	GW2 Down gradient monitoring well ของโครงการโรงไฟฟ้าหนองเรียง 1
Date Analysis Commenced	Mar 11, 2022
Condition of Sample	Contained in one amber glass bottle, three 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	<2	No Standard	Based on APHA (2017), 5210 B	Bangkok
Chlorite *	mg/L	0.05	0.1	Not Detected	No Standard	Based on US EPA, Method 300.1	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	370	No Standard	Based on APHA (2017), 2510 B	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	5.2	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok
Oil & Grease	mg/L	-	3	<3	No Standard	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C		-	-	7.1	6.5-9.2 (I)	Based on APHA (2017), 4500-H (B)	Bangkok
Temperature *	Degree C	-	-	30.4	No Standard	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	276	No Standard	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	8	No Standard	Based on APHA (2017), 2540 D	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Sangtawan Natasat

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Approved by

Siriluk P.

Siriluk Puengpang
Supervisor

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Analysis / Test Report

TESTING
No.0009

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2226693

Date Received : Mar 11, 2022

Date Reported : Mar 19, 2022

Report Number : 2245032-1

Page 3 of 3

Sample Number	2226693-3
Sampled Date	Mar 10, 2022 3:00 PM
Sample Description	Groundwater
Location	GW3 Down gradient monitoring well ของโครงการโรงไฟฟ้าหนองเรียง 2
Date Analysis Commenced	Mar 11, 2022
Condition of Sample	Contained in one amber glass bottle, three 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	5	No Standard	Based on APHA (2017), 5210 B	Bangkok
Chlorite *	mg/L	0.05	0.1	Not Detected	No Standard	Based on US EPA, Method 300.1	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	333	No Standard	Based on APHA (2017), 2510 B	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	6.6	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok
Oil & Grease	mg/L	-	3	3	No Standard	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C		-	-	7.0	6.5-9.2 (I)	Based on APHA (2017), 4500-H (B)	Bangkok
Temperature *	Degree C	-	-	31.2	No Standard	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	436	No Standard	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	35	No Standard	Based on APHA (2017), 2540 D	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Sangtawan Natasat

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Approved by

Siriluk P.

Siriluk Puengpang
Supervisor

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location: GNRV1

Lot ID: 21139645

Date Received : Jan 07, 2022

Date Reported : Jan 10, 2022

Report Number : 2159501-1

Page 1 of 2

Sample Number 21139645-1
Sampled Date Jan 06, 2022 1:45 PM
Sample Description Groundwater_บริเวณอ่างเก็บน้ำทั้ง
Location GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 1
Date Analysis Commenced Jan 10, 2022
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							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1358	No Standard	Based on APHA (2017), 2510 B	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Sangtawan Natasat

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Siriluk Puenggang
Supervisor

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456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location: GNRV1

Lot ID: 21139645

Date Received : Jan 07, 2022

Date Reported : Jan 10, 2022

Report Number : 2159501-1

Page 2 of 2

Sample Number 21139645-2
Sampled Date Jan 06, 2022 2:00 PM
Sample Description Groundwater_บริเวณอ่างเก็บน้ำทั้ง
Location GWR2 Down gradient monitoring well ของโครงการโรงไฟฟ้าหนองแวง 1
Date Analysis Commenced Jan 10, 2022
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							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1065	No Standard	Based on APHA (2017), 2510 B	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Sangtawan Natasat

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Siriluk P.

Siriluk Puenggang
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456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 21139646

Date Received : Jan 71, 7077
Date Reported : Jan 74, 7077
Report Number : 715D50091

Page 1 of 7

Sample Number 7113D64691
Sampled Date Jan 70, 7077 7:00 bM
Sample Description Groundwater 100 ml sample
Location G R1 Water gradient monitoring Point 100 m from the well
Date Analysis Commenced Jan 74, 7077
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment & preservation standards (A, W, E, B, A, S)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity at 75 degree C	micromhos/cm	9	0.5	135B	No standard	Used on Ab (A 701BS, 7510)	Angkok

Guideline : Notification of the Ministry of Industry (E. 755D 7016S) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Hangtapan Natasat

Remark :

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- LQ8 : Limit of Quantitation / LQR : Limit of Reporting

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Hiriluk buengpang
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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 21139646

Date Received : Jan 71, 7077
Date Reported : Jan 74, 7077
Report Number : 715D50091

Page 7 of 7

Sample Number 7113D64697
Sampled Date Jan 70, 7077 1:30 bM
Sample Description Groundwater 100 ml sample
Location G R7 20P n gradient monitoring Point 100 m from the well
Date Analysis Commenced Jan 74, 7077
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment & preservation standards of A, WHEBAS

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity at 75 degree C	micromhos/cm	9	0.5	118	No standard	Used on Ab (A 701BS 7510)	Angkok

Guideline : Notification of the Ministry of Industry).E. 755D 7016S on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater quality, Report of the mission and Report of the preparation of Soil and Groundwater quality, and proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Hangtapan Natasat

Remark :

- LQ2 : Limit of Detection
- LOQ : Limit of Quantitation / LQR : Limit of Reporting

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Siriluk P.

Hiriluk buengpang
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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location: GNRV1

Lot ID: 21147779

Date Received : Feb 04, 2022

Date Reported : Feb 07, 2022

Report Number : 2180390-1

Page 1 of 2

Sample Number 21147779-1
Sampled Date Feb 03, 2022 1:30 PM
Sample Description Groundwater_บริเวณอ่างเก็บน้ำทั้ง
Location GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 1
Date Analysis Commenced Feb 07, 2022
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							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1375	No Standard	Based on APHA (2017), 2510 B	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Sangtawan Natasat

Remark :

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location: GNRV1

Lot ID: 21147779

Date Received : Feb 04, 2022

Date Reported : Feb 07, 2022

Report Number : 2180390-1

Page 2 of 2

Sample Number 21147779-2
Sampled Date Feb 03, 2022 2:30 PM
Sample Description Groundwater_บริเวณอ่างเก็บน้ำทั้ง
Location GWR2 Down gradient monitoring well ของโครงการโรงไฟฟ้าหนองแวง 1
Date Analysis Commenced Feb 07, 2022
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							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1312	No Standard	Based on APHA (2017), 2510 B	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Sangtawan Natasat

Remark :

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

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location: GNRV1

Lot ID: 21147780

7ate Received : Feb 12, D0DD

7ate Reported : Feb DD, D0DD

Report Number : D1803809L

- age 1 of D

Sample Number D114PP809L
Sampled Date Feb 18, D0DD 11:00 AM
Sample Description Groundwater_บริเวณอ่างเก็บน้ำทิ้ง
Location GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 1
Date Analysis Commenced Feb D1, D0DD
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment 9 preservation standards (A- HA, USE- A)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity at D5 degree C	micromhos/cm	9	0.5	1D82	No Standard	Based on A- HA (D01P), D510 B	Bangkok

Guideline : Notification of the Ministry of Industry B.E. D552 (D016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report - reparation of Soil and Groundwater Quality, and - roposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Sangtawan Natasat

Remark :

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location: GNRV1

Lot ID: 21147780

Date Received : Feb 12, 2011

Date Reported : Feb 12, 2011

Report Number : D18038091

- page 1 of 1

Sample Number D114PP809D
Sampled Date Feb 18, 2011 10:30 AM
Sample Description Groundwater บริเวณอ่างเก็บน้ำทั้ง
Location GWRD 7 own gradient monitoring well ของโครงการโรงไฟฟ้าหนองแวง 1
Date Analysis Commenced Feb 18, 2011
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment & preservation standards (A- HA, USE- A)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity at 25 degree C	micromhos/cm	9	0.5	1323	No Standard	Based on A- HA (D01P), D510 B	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2552 (D016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report - reparation of Soil and Groundwater Quality, and - roposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Sangtawan Natasat

Remark :

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218125

Date Received : Mar 02, 2022

Date Reported : Mar 04, 2022

Report Number : 2228358-1

Page 1 of 2

Sample Number 2218125-1
Sampled Date Mar 01, 2022 12:40 PM
Sample Description Groundwater_บริเวณอ่างเก็บน้ำทั้ง
Location GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 1
Date Analysis Commenced Mar 04, 2022
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							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1388	No Standard	Based on APHA (2017), 2510 B	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Jessadin Kongsukdithai

Remark :

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location: GNRV1

Lot ID: 2218125

Date Received : Mar 02, 2022

Date Reported : Mar 04, 2022

Report Number : 2228358-1

Page 2 of 2

Sample Number 2218125-2
Sampled Date Mar 01, 2022 12:00 PM
Sample Description Groundwater_บริเวณอ่างเก็บน้ำทั้ง
Location GWR2 Down gradient monitoring well ของโครงการโรงไฟฟ้าหนองแวง 1
Date Analysis Commenced Mar 04, 2022
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							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1512	No Standard	Based on APHA (2017), 2510 B	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Jessadin Kongsukdithai

Remark :

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location: GNRV1

Lot ID: 2218126

Date Received : Mar 18, 2022

Date Reported : Mar 21, 2022

Report Number : 2228356-1

Page 1 of 2

Sample Number 2218126-1
Sampled Date Mar 17, 2022 11:55 AM
Sample Description Groundwater_บริเวณอ่างเก็บน้ำทั้ง
Location GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 1
Date Analysis Commenced Mar 21, 2022
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							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1403	No Standard	Based on APHA (2017), 2510 B	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Sangtawan Natasat

Remark :

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Nanthawadee Somboon
Specialist 1



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456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location: GNRV1

Lot ID: 2218126

Date Received : Mar 18, 2022

Date Reported : Mar 21, 2022

Report Number : 2228356-1

Page 2 of 2

Sample Number 2218126-2
Sampled Date Mar 17, 2022 11:45 AM
Sample Description Groundwater_บริเวณอ่างเก็บน้ำทั้ง
Location GWR2 Down gradient monitoring well ของโครงการโรงไฟฟ้าหนองแวง 1
Date Analysis Commenced Mar 21, 2022
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							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1645	No Standard	Based on APHA (2017), 2510 B	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Sangtawan Natasat

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location: GNRV1

Lot ID: 2218127

2ate Received : Apr 01, 8088
2ate Reported : Apr 04, 8088
Report Number : 888D354-1

Page 1 of 8

Sample Number 881D187-1
Sampled Date Mar 31, 8088 8:40 PM
Sample Description Groundwater_บริเวณอ่างเก็บน้ำทั้ง
Location GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 1
Date Analysis Commenced Apr 04, 8088
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							
Conductivity at 85 degree C	micromhos/cm	-	0.5	1364	No Standard	Based on APHA (8017), 8510 B	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 8559 (8016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Remark :

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218127

2ate Received : Apr 01, 8088
2ate Reported : Apr 04, 8088
Report Number : 888D354-1

Page 8 of 8

Sample Number 881D187-8
Sampled Date Mar 31, 8088 8:80 PM
Sample Description Groundwater_บริเวณอ่างเก็บน้ำทั้ง
Location GWR8 2own gradient monitoring well ของโครงการโรงไฟฟ้าหนองแวง 1
Date Analysis Commenced Apr 04, 8088
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							
Conductivity at 85 degree C	micromhos/cm	-	0.5	1638	No Standard	Based on APHA (8017), 8510 B	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 8559 (8016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Remark :

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location: GNRV1

Lot ID: 2226180

Date Received : Apr 08, 2022
Date Reported : Apr 11, 2022
Report Number : 2244135-1

Page 1 of 2

Sample Number 2226170-1
Sampled Date Apr 08, 2022 12:00 PM
Sample Description Groundwater_บริเวณอ่างเก็บน้ำทิ้ง
Location GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 1
Date Analysis Commenced Apr 11, 2022
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							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1365	No Standard	Based on APHA (2018), 2510 B	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Sangtawan Natasat

Remark :

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location: GNRV1

Lot ID: 2226180

Date Received : Apr 08, 2022
Date Reported : Apr 11, 2022
Report Number : 2244135-1

Page 2 of 2

Sample Number 2226170-2
Sampled Date Apr 08, 2022 11:30 AM
Sample Description Groundwater_บริเวณอ่างเก็บน้ำทั้ง
Location GWR2 Down gradient monitoring well ของโครงการโรงไฟฟ้าหนองแวง 1
Date Analysis Commenced Apr 11, 2022
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							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1687	No Standard	Based on APHA (2018), 2510 B	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Sangtawan Natasat

Remark :

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P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2221868

Date Received : Apr 83, 8088
Date Reported : Apr 86, 8088
Report Number : 8844141D

Page 1 of 8

Sample Number 88861P1D
Sampled Date Apr 88, 8088 18:00 bM
Sample Description Groundwater 7 at 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
Location G R1 7 gradient monitoring 7 ell 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
Date Analysis Commenced Apr 86, 8088
Condition of Sample Contained in one plastic - bottle, sample containers comply to pretreatment & preservation standards (A, W, E, B, A, S)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity at 85 degree C	micromhos/cm	D	0.5	133P	No standard	Used on Ab (A 801BS, 8510)	Angkok

Guideline : Notification of the Ministry of Industry (E. 8559 8016S on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures)

Sampled By : Sunlayaphon Honnok

Remark :

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P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2221868

Date Received : Apr 83, 8088
Date Reported : Apr 86, 8088
Report Number : 8844141D

Page 8 of 8

Sample Number 88861P1D8
Sampled Date Apr 88, 8088 11:45 AM
Sample Description Groundwater 7 at 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
Location G R8 207 n gradient monitoring 7 ell 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
Date Analysis Commenced Apr 86, 8088
Condition of Sample Contained in one plastic - bottle, sample containers comply to pretreatment & preservation standards (A, W, E, B, A, S)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity at 85 degree C	micromhos/cm	D	0.5	16P4	No standard	Used on Ab (A 801BS, 8510)	Angkok

Guideline : Notification of the Ministry of Industry (E. 8559 8016S on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures)

Sampled By : Sunlayaphon Honnok

Remark :

- LO2 : Limit of Detection
- "<" : Lower than LOQ Limit of Quantitation / LOR Limit of Reporting

Approved by

Siriluk P.

Hiriluk buengpang
Supervisor

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244367

Date Received : May 13, 8088
Date Reported : May 1D, 8088
Report Number : 88- 358bP1

Page 1 of 8

Sample Number 884436DP1
Sampled Date May 18, 8088 1:30 PM
Sample Description Groundwater sample for monitoring
Location GU R1 for gradient monitoring well in the area of the project
Date Analysis Commenced May 1D, 8088
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment and preservation standards HAWSA, (1)EWAB

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity at 85 degree C	micromhos/cm	P	0.5	1D-8	No standard	Based on AWSA H01DB 8510 9	9angkok

Guideline : Notification of the Ministry of Industry 9.E. 855b H016B on oil and Groundwater Contamination Criteria, Monitoring of oil and Groundwater Quality, Reporting and Remediation of oil and Groundwater Quality, and Proposal Report of oil and Groundwater Controlling and Reduction Measures

Sampled By : Angta-an Natasat

Remark :

- LO2 : Limit of Detection
- "<" : Lower than LOQ Limit of Quantitation / LOR Limit of Reporting

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Analysis / Test Report

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456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244367

Date Received : May 13, 8088
Date Reported : May 1D, 8088
Report Number : 88- 358bP1

Page 8 of 8

Sample Number 884436DP8
Sampled Date May 18, 8088 1:10 PM
Sample Description Groundwater quality monitoring
Location GU R8 2o_n gradient monitoring well in the area of the project
Date Analysis Commenced May 1D, 8088
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment and preservation standards HAWSA, (1)EWAB

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity at 85 degree C	micromhos/cm	P	0.5	135-	No standard	Based on AWSA H01DB 8510 9	9angkok

Guideline : Notification of the Ministry of Industry 9.E. 855b H016B on oil and Groundwater Contamination Criteria, Monitoring of oil and Groundwater Quality, Reporting and Remediation of oil and Groundwater Quality, and Proposal Report of oil and Groundwater Controlling and Reduction Measures

Sampled By : Angta-an Natasat

Remark :

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

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456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244368

Date Received : May 25, 2022

Date Reported : May 28, 2022

Report NumPer : 22- 3531bl

Page 1 of 2

Sample Number 224436- bl
Sampled Date May 24, 2022 11:15 AM
Sample Description Groundwater sample for monitoring
Location GU R1 for gradient monitoring well in the area of the project
Date Analysis Commenced May 26, 2022
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment & preservation standards HAWSA, (1) EWAB

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity at 25 degree C	micromhos/cm	0.5	51-	No) tandard	Based on AwSA H2018B 2510 7	7angkok	

Guideline : Notification of the Ministry of Industry 7.E. 2559 H2016B on) oil and Groundwater Contamination Criteria, Monitoring of) oil and Groundwater Quality, Report) upmission and Report preparation of) oil and Groundwater Quality, and proposal Report of) oil and Groundwater Controlling and Reduction Measures

Sampled By : Jessadin Kongsukdithai

Remark :

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Siriluk P.

)iriluk wuenggang

)upervisor



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location: GNRV1

Lot ID: 2253009

Date Received : Jun 10, 2022

Date Reported : Jun 17, 2022

Report Number : 2347912-1

Page 1 of 1

Sample Number	2253009-1						
Sampled Date	Jun 09, 2022 3:05 PM						
Sample Description	Groundwater						
Location	GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 1						
Date Analysis Commenced	Jun 13, 2022						
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1371	No Standard	Based on APHA (2017), 2510 B	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Sangtawan Natasat

Remark :

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

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Analysis / Test Report

TESTING
No.0009

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2253009

Date Received : Jun 10, 2022

Date Reported : Jun 17, 2022

Report Number : 2347912-2

Page 1 of 1

Sample Number	2253009-1
Sampled Date	Jun 09, 2022 3:05 PM
Sample Description	Groundwater
Location	GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 1
Date Analysis Commenced	Jun 11, 2022
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and three 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	2	No Standard	Based on APHA (2017), 5210 B	Bangkok
Chlorite *	mg/L	0.05	0.1	Not Detected	No Standard	Based on US EPA, Method 300.1	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	3.3	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok
Oil & Grease	mg/L	-	3	4	No Standard	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C		-	-	7.2	6.5-9.2 (I)	Based on APHA (2017), 4500-H (B)	Bangkok
Temperature *	Degree C	-	-	29.6	No Standard	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	818	No Standard	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	90	No Standard	Based on APHA (2017), 2540 D	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

(I): ในกรณีที่มีการปนเปื้อนของกรดหรือด่างให้เปรียบเทียบผลวิเคราะห์ค่าพีเอชจากจุดเก็บตัวอย่างบ่อน้ำที่ใช้ในการติดตามตรวจสอบการปนเปื้อนกับผลวิเคราะห์จากจุดเก็บตัวอย่างบ่อน้ำที่ใช่เป็นบ่อน้ำอ้างอิงบนทิศทางการไหลของน้ำใต้ดินในพื้นที่ โดยค่าพีเอชที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐานคุณภาพน้ำบาดาลที่บริโภคคือ 6.5-9.2

Sampled By : Sangtawan Natasat

Remark :

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

Approved by

Siriluk P.

Siriluk Puengpang
Supervisor

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456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2253009

Date Received : Jun 10, 2022

Date Reported : Jun 17, 2022

Report Number : 2347913-1

Page 1 of 1

Sample Number	2253009-2
Sampled Date	Jun 09, 2022 2:15 PM
Sample Description	Groundwater
Location	GWR2 Down gradient monitoring well ขอบโครงการคอกไข่ไก่ หมู่ 6 ต. 1
Date Analysis Commenced	Jun 13, 2022
Condition of Sample	Contained in two 500 ml bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (AP(A, HSEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity at 25 degree C	micromhos/cm	-	0.5	2222	No Standard	based on AP(A Q2017), 2510 µ	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Sangtawan Natasat

Remark :

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Analysis / Test Report

TESTING
No.0009

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2253009

Date Received : Jun 10, 2022

Date Reported : Jun 17, 2022

Report Number : 2347913-2

Page 1 of 1

Sample Number 2253009-2
Sampled Date Jun 09, 2022 2:15 PM
Sample Description Groundwater
Location GWR2 Down gradient monitoring well ขอบโครงการคอกไก่ ฟาร์มปศุสัตว์ 1
Date Analysis Commenced Jun 11, 2022
Condition of Sample Contained in two 500 ml bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (AP(A, HSEPA))

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
5BD 5 days at 20 degree C) *	mg/L	-	2	x 2	No Standard	based on AP(A 2017), 5210 5	Bangkok
Chlorite *	mg/L	0.05	0.1	Not Detected	No Standard	based on HS EPA, Method 300.1	Bangkok
Dissolved B&ygen *	mg/L	-	0.1	3.0	No Standard	based on AP(A 2017), 4500-B (C)	Bangkok
Bil 8 Grease	mg/L	-	3	x 3	No Standard	based on AP(A 2017), 5520 5	Bangkok
p(at 25 degree C		-	-	7.7	6.5-9.2 (D)	based on AP(A 2017), 4500-(Q1)	Bangkok
Temperature *	Degree C	-	-	30.4	No Standard	based on AP(A 2017), 2550 5	Bangkok
Total Dissolved solids Dried at 100 degree C *	mg/L	-	5	1520	No Standard	based on AP(A 2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	x 5	No Standard	based on AP(A 2017), 2540 D	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

(Q): ผลการวิเคราะห์ที่ห้องปฏิบัติการ 2253009-2 ของดินบริเวณพื้นที่โครงการ คอกไก่ ฟาร์มปศุสัตว์ 1 พบว่าค่าการปนเปื้อนของสารเคมีในดินทั้งหมดอยู่ในเกณฑ์มาตรฐานที่กำหนดไว้ โดยค่าการปนเปื้อนของสารเคมีในดินทั้งหมดอยู่ในเกณฑ์มาตรฐานที่กำหนดไว้ โดยค่าการปนเปื้อนของสารเคมีในดินทั้งหมดอยู่ในเกณฑ์มาตรฐานที่กำหนดไว้

Sampled By : Sangtawan Natasat

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Analysis / Test Report

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456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location: GNRV1

Lot ID: 2253007

2ate Received : Jun 75, 7077

2ate Reported : Jun 7D, 7077

Report Number : 7301597-1

Page 1 of 7

Sample Number 7753009-1
Sampled Date Jun 74, 7077 11:00 AM
Sample Description Groundwater_บริเวณอ่างเก็บน้ำทั้ง
Location GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 1
Date Analysis Commenced Jun 79, 7077
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							
Conductivity at 75 degree C	micromhos/cm	-	0.5	139D	No Standard	Based on APHA (7019), 7510 B	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 7558 (7016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Sangtawan Natasat

Remark :

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location: GNRV1

Lot ID: 2253007

2ate Received : Jun 75, 7077
2ate Reported : Jun 7D, 7077
Report Number : 7301597-1

Page 7 of 7

Sample Number 7753009-7
Sampled Date Jun 74, 7077 10:40 AM
Sample Description Groundwater_บริเวณอ่างเก็บน้ำทั้ง
Location GWR7 2own gradient monitoring well ของโครงการโรงไฟฟ้าหนองแวง 1
Date Analysis Commenced Jun 79, 7077
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							
Conductivity at 75 degree C	micromhos/cm	-	0.5	73D7	No Standard	Based on APHA (7019), 7510 B	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 7558 (7016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampled By : Sangtawan Natasat

Remark :

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

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ภาคผนวก ค-6

คุณภาพน้ำผิวดิน



Analysis / Test Report

TESTING
No.0009

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2253005

Date Received : Jun 10, 2022

Date Reported : Jun 17, 2022

Report Number : 2301564-1

Page 1 of 2

Sample Number	2253005-1
Sampled Date	Jun 09, 2022 11:15 AM
Sample Description	Surface water
Location	แม่น้ำมูลเหนือจุดระบายน้ำของโครงการโรงไฟฟ้าหนองระเวียง 1 ประมาณ 500 เมตร
Date Analysis Commenced	Jun 10, 2022
Condition of Sample	Contained in two BOD bottles, two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Calcium *	mmol/L	0.002	0.004	0.56	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Chromium	mg/L	0.0003	0.0005	0.0006	No Standard	Based on APHA (2017), 3125	Bangkok
Copper	mg/L	0.0003	0.0005	0.002	≤0.10	Based on APHA (2017), 3125	Bangkok
Magnesium *	mmol/L	0.002	0.004	0.36	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	Based on US EPA, Method 1631 Revision E	Bangkok
SAR *		-	-	1.48	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Sodium *	mmol/L	0.002	0.004	1.42	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Zinc	mg/L	0.003	0.005	0.008	≤1	Based on APHA (2017), 3125	Bangkok
Microbiological Testing							
Fecal Coliform	MPN/100mL	-	-	33.0	≤4000	APHA (2017), 9221 E	Bangkok
Water Testing							
Ammonia Nitrogen *	mg/L	-	0.06	<0.06	≤0.5	Based on APHA (2017), 4500-NH3 (B), (F)	Bangkok
BOD (5 days at 20 degree C) *	mg/L	-	2	<2	≤2	Based on APHA (2017), 5210 B	Bangkok
Chlorite *	mg/L	0.05	0.1	Not Detected	No Standard	Based on US EPA, Method 300.1	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	385	No Standard	Based on APHA (2017), 2510 B	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	5.8	≥4	Based on APHA (2017), 4500-O (C)	Bangkok
Oil & Grease	mg/L	-	3	3	No Standard	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C		-	-	7.5	5.0-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Phosphate as P *	mg/L	0.15	0.5	Not Detected	No Standard	Based on APHA (2017), 4110 B	Bangkok
Sulfide as H2S *	mg/L	-	0.01	0.02	No Standard	Based on APHA (2017), 4500-S2 (D)	Bangkok

Approved by

Siriluk P.

Siriluk Puengpang
Supervisor

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.



Analysis / Test Report

TESTING
No.0009

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2253005

Date Received : Jun 10, 2022

Date Reported : Jun 17, 2022

Report Number : 2301564-1

Page 2 of 2

Sample Number	2253005-1
Sampled Date	Jun 09, 2022 11:15 AM
Sample Description	Surafce water
Location	แม่น้ำมูลเหนือจุดระบายน้ำของโครงการโรงไฟฟ้าหนองระเวียง 1 ประมาณ 500 เมตร
Date Analysis Commenced	Jun 10, 2022
Condition of Sample	Contained in two BOD bottles, two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Temperature *	Degree C	-	-	31.2	n'	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	230	No Standard	Based on APHA (2017), 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	<1.0	No Standard	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	22	No Standard	Based on APHA (2017), 2540 D	Bangkok

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 3)

n': Change from Natural condition not more than 3 degree C

n : Not Change from natural condition

Sampled By : Sangtawan Natasat

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.

Approved by

Siriluk P.

Siriluk Puengpang
Supervisor

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.

ภาคผนวก ค-7

นิเวศวิทยาแหล่งน้ำ



สถานีวิจัยประมงศรีราชา
101/12 หมู่ 9 ต. บางพระ
อ. ศรีราชา จ. ชลบุรี 20110
โทร./โทรสาร. (038) 311379

Client : Gulf NRV1 Co., Ltd.

Address : 456 Moo 6 T. Nongraveing, A. Muang, Nakhonratchasima, 30000

Project Name : Monitoring EIA

Project Location : GNRV1

รายงานผลการวิเคราะห์แพลงก์ตอนพืช

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 9 มิถุนายน 2565)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)	
	2253014-1	2253014-2
Division Cyanophyta		
Class Cyanophyceae		
Order Nostocales		
Family Oscillatoriaceae		
1. <i>Lyngbya</i> sp,	9,000	-
2. <i>Oscillatoria princeps</i>	-	10,000
3. <i>Oscillatoria</i> sp.	38,000	20,000
4. <i>Oscillatoria tenuis</i>	-	10,000
Family Nostocaceae		
5. <i>Raphidiopsis</i> sp.	-	20,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 9 มิถุนายน 2565)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)	
	2253014-1	2253014-2
Division Chlorophyta		
Class Chlorophyceae		
Order Volvocales		
Family Volvocaceae		
6. <i>Eudorina elegans</i>	-	30,000
7. <i>Pandorina morum</i>	-	30,000
Order Chlorococcales		
Family Hydrodictyaceae		
8. <i>Pediastrum duplex</i>	9,000	10,000
Family Coelastraceae		
9. <i>Coelastrum microporm</i>	28,000	20,000
Family Oocystaceae		
10. <i>Ankistrodesmus falcatus</i>	-	30,000
11. <i>Dictyosphaerium pulchellum</i>	169,000	161,000
12. <i>Tetraedron gracile</i>	19,000	-
13. <i>Tetraedron trigonum</i>	19,000	-
Family Scenedesmaceae		
14. <i>Actinastrum gracillimum</i>	263,000	80,000
15. <i>Crucigenia apiculata</i>	150,000	322,000
16. <i>Micractinium pusillum</i>	132,000	-
17. <i>Scenedesmus armatus</i>	9,000	30,000
18. <i>Scenedesmus dimorplus</i>	160,000	50,000
19. <i>Scenedesmus opoliensis</i>	47,000	50,000
20. <i>Scenedesmus</i> sp.	85,000	-
Order Zygomatales		
Family Desmidiaceae		
21. <i>Closterium acerosum</i>	-	10,000

ตาราง ผลการวิเคราะห์แฟลงก์ตอนพืช (เก็บตัวอย่างวันที่ 9 มิถุนายน 2565)

(ต่อ)

ชนิดแฟลงก์ตอนพืช	ปริมาณแฟลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)	
	2253014-1	2253014-2
22. <i>Closterium ehrenbergii</i>	19,000	-
23. <i>Closterium gracile</i>	19,000	-
24. <i>Closterium kuetzingii</i>	9,000	-
25. <i>Cosmarium</i> sp.	-	10,000
Class Euglenophyceae		
Order Euglenales		
Family Euglenaceae		
26. <i>Euglena acus</i>	56,000	201,000
27. <i>Euglena oxyuris</i>	38,000	40,000
28. <i>Euglena viridis</i>	150,000	151,000
29. <i>Lepocinclis ovum</i>	94,000	-
30. <i>Phacus angulatus</i>	-	10,000
31. <i>Phacus hamatus</i>	56,000	40,000
32. <i>Phacus longicauda</i>	9,000	30,000
33. <i>Phacus myersi</i>	-	10,000
34. <i>Phacus platalea</i>	28,000	-
35. <i>Phacus</i> sp.	-	70,000
36. <i>Phacus tortus</i>	226,000	50,000
37. <i>Strombomonas australica</i>	47,000	40,000
38. <i>Strombomonas fluviatilis</i>	-	10,000
39. <i>Strombomonas gibberosa</i>	113,000	90,000
40. <i>Strombomonas girardiana</i>	639,000	201,000
41. <i>Trachelomonas crebea</i>	38,000	40,000
42. <i>Trachelomonas hispida</i>	226,000	121,000

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 9 มิถุนายน 2565)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)	
	2253014-1	2253014-2
Division Chromophyta		
Class Bacillariophyceae		
Order Biddulphiales		
Suborder Coscinodiscineae		
Family Thalassiosiraceae		
43. <i>Cyclotella stelligera</i>	12,596,000	14,271,000
Family Aulacoseiraceae		
44. <i>Aulacoseira baicalensis</i>	47,000	10,000
Order Bacillariales		
Suborder Fragilariineae		
Family Fragilariaceae		
45. <i>Diatoma tenue</i>	66,000	-
46. <i>Synedra rumpens</i>	9,000	-
47. <i>Synedra ulna</i>	235,000	181,000
Suborder Bacillariineae		
Family Eunotiaceae		
48. <i>Eunotia pectinalis</i>	38,000	60,000
Family Cymbellaceae		
49. <i>Gomphonema parvulum</i>	28,000	30,000
Family Naviculaceae		
50. <i>Gyrosigma attenuatum</i>	28,000	10,000
51. <i>Gyrosigma distortum</i>	38,000	-
52. <i>Navicula cuspidata</i>	9,000	-
Family Bacillariaceae		
53. <i>Nitzschia acicularis</i>	28,000	-
54. <i>Nitzschia reversa</i>	19,000	-
55. <i>Nitzschia sigmaidea</i>	85,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 9 มิถุนายน 2565)

(ต่อ)

ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)	
	2253014-1	2253014-2
Family Surirellaceae		
56. <i>Entomoneis alata</i>	9,000	-
57. <i>Surirella elegans</i>	9,000	40,000
58. <i>Surirella linearis</i>	9,000	40,000
59. <i>Surirella ovata</i>	19,000	-
60. <i>Surirella robusta</i>	28,000	10,000
Class Dinophyceae		
Order Peridinales		
Family Peridiniaceae		
61. <i>Peridinium</i> sp.	-	40,000
ชนิดแพลงก์ตอนพืช	46	42
ปริมาณแพลงก์ตอนพืช	16,204,000	16,689,000
ดัชนีความหลากหลายแพลงก์ตอนพืช	1.2479	0.8803
ดัชนีความสม่ำเสมอแพลงก์ตอนพืช	0.3224	0.2355

Sample Location : 1. สถานี 2253014-1 : AE1 แม่น้ำมูลบริเวณเหนือจุดสูบน้ำของโครงการโรงไฟฟ้า
หนองระเวียง 2 ประมาณ 500 เมตร

2. สถานี 2253014-2 : AE3 แม่น้ำมูลบริเวณเหนือจุดระบายน้ำของโครงการ
โรงไฟฟ้าหนองระเวียง 1 ประมาณ 500 เมตร

Condition of Sample : contained in one plastic bottle, sample containers comply to pretreatment-
preservation standards (APHA, USEPA)



(นางสาวกนกวรรณ ขาวดอน)
ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)
หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา
101/12 หมู่ 9 ต. บางพระ
อ. ศรีราชา จ. ชลบุรี 20110
โทร.โทรสาร. (038) 311379

Client : Gulf NRV1 Co., Ltd.

Address : 456 Moo 6 T. Nongraveing, A. Muang, Nakhonratchasima, 30000

Project Name : Monitoring EIA

Project Location : GNRV1

รายงานผลการวิเคราะห์แพลงก์ตอนสัตว์

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 9 มิถุนายน 2565)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)	
	2253014-1	2253014-2
Phylum Protozoa		
Subphylum Plasmodroma		
Class Sarcodina		
Subclass Rhizopoda		
Order Testacida		
Family Arcellidae		
1. <i>Arcella vulgaris</i>	9,000	20,000
Family Diffugiidae		
2. <i>Centropyxis aculeata</i>	-	20,000
3. <i>Diffugia acuminata</i>	9,000	10,000
4. <i>Euglypha acanthophora</i>	19,000	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 9 มิถุนายน 2565)

(ต่อ)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)	
	2253014-1	2253014-2
Phylum Rotifera		
Class Monogononta		
Order Ploima		
Family Brachionidae		
5. <i>Anuraeopsis fissa</i>	19,000	-
Family Tricercidae		
6. <i>Trichocerca pusilla</i>	9,000	-
Family Asplanchnidae		
7. <i>Asplanchna priodonta</i>	9,000	-
Family Synchaetidae		
8. <i>Polyarthra vulgaris</i>	28,000	40,000
Order Flosculariacea		
Family Testudinellidae		
9. <i>Filinia terminalis</i>	-	10,000
10. <i>Trochosphaera</i> sp.	-	20,000
Class Digononta		
Family Philodinidae		
11. <i>Rotaria</i> sp.	19,000	-
ชนิดแพลงก์ตอนสัตว์	8	6
ปริมาณแพลงก์ตอนสัตว์	121,000	120,000
ดัชนีความหลากหลายแพลงก์ตอนสัตว์	1.9839	1.6762
ดัชนีความสม่ำเสมอแพลงก์ตอนสัตว์	0.9541	0.9355

Sample Location : 1. สถานี 2253014-1 : AE1 แม่น้ำมูลบริเวณเหนือจุดสูบน้ำของโครงการโรงไฟฟ้า
หนองระเวียง 2 ประมาณ 500 เมตร

2. สถานี 2253014-2 : AE3 แม่น้ำมูลบริเวณเหนือจุดระบายน้ำของโครงการโรงไฟฟ้า
หนองระเวียง 1 ประมาณ 500 เมตร

Condition of Sample : contained in one plastic bottle, sample containers comply to pretreatment-preservation standards (APHA, USEPA)



(นางสาวกนกวรรณ ขาวดอน)
ผู้วิเคราะห์



(นายอองกต อินทรชาติ)
หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา
101/12 หมู่ 9 ต. บางพระ
อ. ศรีราชา จ. ชลบุรี 20110
โทร./โทรสาร. (038) 311379

Client : Gulf NRV1 Co., Ltd.

Address : 456 Moo 6 T. Nongraveing, A. Muang, Nakhonratchasima, 30000

Project Name : Monitoring EIA

Project Location : GNRV1

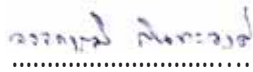
รายงานผลการวิเคราะห์ไขปลาและลูกปลา

ตาราง ผลการวิเคราะห์ไขปลาและลูกปลา (เก็บตัวอย่างวันที่ 9 มิถุนายน 2565)

ชนิดไขปลาและลูกปลา	ปริมาณไขปลาและลูกปลา (ตัวต่อ 1,000 ลูกบาศก์เมตร)	
	2253014-1	2253014-2
Phylum Chordata		
Class Actinopterygii		
Order Cypriniformes		
Family Cyprinidae (กลุ่มปลาซิว-สร้อย-ตะเพียน)	43	39
Order Gobiiformes		
Family Gobiidae (กลุ่มปลานู)	12	26
ชนิดไขปลาและลูกปลา	2	2
ปริมาณไขปลาและลูกปลา	55	65
ค่าดัชนีความหลากหลายไขปลาและลูกปลา	0.5246	0.6730

Sample Location : 1. สถานี 2253014-1 : AE1 แม่น้ำมูลบริเวณเหนือจุดสูบน้ำของโครงการโรงไฟฟ้า
หนองระเวียง 2 ประมาณ 500 เมตร
2. สถานี 2253014-2 : AE3 แม่น้ำมูลบริเวณเหนือจุดระบายน้ำของโครงการ
โรงไฟฟ้าหนองระเวียง 1 ประมาณ 500 เมตร

Condition of Sample : contained in one plastic bottle, add 10% formalin sample containers comply to pretreatment-preservation standards (APHA, USEPA)



(นายอรรถวุฒิ กันทะวงศ์)
ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)
หัวหน้าสถานีวิจัยประมงศรีราชา



ลูกปลาจิ๋ว-สร้อย-ตะเพียน (วงศ์ Cyprinidae)



ลูกปลานู๋ (วงศ์ Gobiidae)



สถานีวิจัยประมงศรีราชา
101/12 หมู่ 9 ต. บางพระ
อ. ศรีราชา จ. ชลบุรี 20110
โทร./โทรสาร. (038) 311379

Client : Gulf NRV1 Co., Ltd.

Address : 456 Moo 6 T. Nongraveing, A. Muang, Nakhonratchasima, 30000

Project Name : Monitoring EIA

Project Location : GNRV1

รายงานผลการวิเคราะห์สัตว์หน้าดิน

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 9 มิถุนายน 2565)

ชนิดสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)	
	2253016-1	2253016-2
Phylum Arthropoda		
Class Insecta		
Order Diptera		
Family Chironomidae		
<i>Chironomus</i> sp. (หนอนแดง)	75	89
Order Trichoptera		
Family Hydropsychidae		
<i>Cheumatopsyche</i> sp. (ตัวอ่อนแมลงหนอนปลอกน้ำ)	30	-
Family Polycentropodidae		
<i>Polycentropus</i> sp. (ตัวอ่อนแมลงหนอนปลอกน้ำ)	15	-
Phylum Mollusca		
Class Bivalvia		
Order Venerida		
Family Cyrenidae		
<i>Corbicula</i> sp. (หอยทราย)	45	-

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 9 มิถุนายน 2565) (ต่อ)

ชนิดสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)	
	2253016-1	2253016-2
ชนิดสัตว์หน้าดิน	4	1
ปริมาณสัตว์หน้าดิน	165	89
ค่าดัชนีความหลากหลายสัตว์หน้าดิน	1.2407	0.0000

Sample Location : 1. สถานี 2253016-1 : AE1 แม่น้ำมูลบริเวณเหนือจุดสูบน้ำของโครงการโรงไฟฟ้า
หนองระเวียง 2 ประมาณ 500 เมตร
2. สถานี 2253016-2 : AE3 แม่น้ำมูลบริเวณเหนือจุดระบายน้ำของโครงการโรงไฟฟ้า
หนองระเวียง 1 ประมาณ 500 เมตร

Condition of Sample : contained in one plastic zip bag

.....

(นายอรรถวุฒิ กันทะวงศ์)
ผู้วิเคราะห์

.....

(นายอลงกต อินทรชาติ)
หัวหน้าสถานีวิจัยประมงศรีราชา

ภาคผนวก ค-8

ระดับเสียงในบริเวณการทำงาน



Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218136

Date Received : Mar 05, 2022
Date Reported : Mar 09, 2022
Report Number: 2255863-1

Page 1 of 1

Sample Number 2218136-1
Parameter Noise (Leq 8 hrs.)
Location บริเวณ Auxiliary Cooling Tower
Measurement Date Mar 03, 2022
Measurement by Jessadin Kongsukdithai

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	79.7	80.3	79.5
12:00 PM - 01:00 PM	79.7	80.6	79.5
01:00 PM - 02:00 PM	79.9	81.0	79.6
02:00 PM - 03:00 PM	80.0	81.4	79.8
03:00 PM - 04:00 PM	80.2	81.2	79.9
04:00 PM - 05:00 PM	80.1	81.2	79.9
05:00 PM - 06:00 PM	80.1	81.1	79.8
06:00 PM - 07:00 PM	80.0	81.4	79.8

Leq Average 8 hrs. (dB(A))

80.0

Lmax (dB(A))

81.4

Standard (dB(A))

90

140

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

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218136

Date Received : Mar 05, 2022
Date Reported : Mar 09, 2022
Report Number: 2255864-1

Page 1 of 1

Sample Number 2218136-2
Parameter Noise (Leq 8 hrs.)
Location บริเวณ Gas Compressor 1
Measurement Date Mar 03, 2022
Measurement by xessadin wongsukdithai

Time	Leq (dJ (A))	LmaK (dJ (A))	L90 (dJ (A))
11:00 AM - 12:00 PM	B5.2	B8.5	B4.0
12:00 PM - 01:00 PM	B4.3	BB.1	B3.4
01:00 PM - 02:00 PM	B4.5	BB.0	B3.5
02:00 PM - 03:00 PM	B4.1	B6.2	B3.3
03:00 PM - 04:00 PM	B4.0	B6.9	B3.1
04:00 PM - 05:00 PM	B4.9	B9.5	B3.2
05:00 PM - 06:00 PM	B4.0	B6.1	B3.2
06:00 PM - 08:00 PM	B4.8	BB.6	B4.0

Leq Average 8 hrs. (dJ (A))

B4.5

LmaK (dJ (A))

B9.5

7tandard (dJ (A))

90

140

Reference Method : Jased on I7S 1996-1 and 1996-2

7tandard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218136

Date Received : Mar 05, 2022
Date Reported : Mar 09, 2022
Report Number: 2255865-1

Page 1 of 1

Sample Number 2218136-3
Parameter Noise (Leq 8 hrs.)
Location บริเวณ Boiler Feed Pump
Measurement Date Mar 03, 2022
Measurement by Jessadin Kongsukdithai

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	80.2	81.3	79.8
12:00 PM - 01:00 PM	80.4	81.5	80.0
01:00 PM - 02:00 PM	80.5	81.6	80.1
02:00 PM - 03:00 PM	80.3	81.5	79.9
03:00 PM - 04:00 PM	80.3	81.6	80.0
04:00 PM - 05:00 PM	80.1	81.3	79.7
05:00 PM - 06:00 PM	80.2	81.1	79.9
06:00 PM - 07:00 PM	80.2	81.3	79.8

Leq Average 8 hrs. (dB(A))

80.3

Lmax (dB(A))

81.6

Standard (dB(A))

90

140

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

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218136

Date Received : Mar 05, 2022
Date Reported : Mar 09, 2022
Report Number: 2255866-1

Page 1 of 1

Sample Number 2218136-4
Parameter Noise (Leq 8 hrs.)
Location บริเวณ Gas Turbine 1
Measurement Date Mar 03, 2022
Measurement by xessadin wongsukdithai

Time	Leq (dJ (A))	LmaK (dJ (A))	L90 (dJ (A))
11:00 AM - 12:00 PM	B9.2	82.0	BB.9
12:00 PM - 01:00 PM	B9.3	81.8	BB.8
01:00 PM - 02:00 PM	80.1	82.4	B8.9
02:00 PM - 03:00 PM	80.8	83.8	B9.8
03:00 PM - 04:00 PM	80.4	82.5	B9.3
04:00 PM - 05:00 PM	80.6	82.8	B9.5
05:00 PM - 06:00 PM	80.5	82.6	B9.3
06:00 PM - 08:00 PM	80.4	83.5	B9.5

Leq Average 8 hrs. (dJ (A))

80.2

LmaK (dJ (A))

83.8

7tandard (dJ (A))

90

140

Reference Method : Jased on I7S 1996-1 and 1996-2

7tandard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218136

Date Received : Mar 05, 2022
Date Reported : Mar 09, 2022
Report NumPer: 225586-bl

(age 1 of 1

Sample Number 2218136b5
Parameter Noise d.e) 8 hrs.x
Location บริเวณ wteam TurPine
Measurement Date Mar 03, 2022
Measurement by Jessadin Kongsukdithai

Time	Le) d.BqAxx	Lma7 d.BqAxx	L90 d.BqAxx
11:00 AM b 12:00 (M	- 5.-	- - .3	- 5.2
12:00 (M b 01:00 (M	- 5.-	- 6.-	- 5.4
01:00 (M b 02:00 (M	- 5.2	- 6.5	- 4.8
02:00 (M b 03:00 (M	- 5.4	- 6.5	- 4.9
03:00 (M b 04:00 (M	- 5.1	- 6.3	- 4.8
04:00 (M b 05:00 (M	- 5.1	- 5.9	- 4.8
05:00 (M b 06:00 (M	- 5.4	- - .4	- 4.9
06:00 (M b 0- :00 (M	- 5.3	- 6.5	- 5.0

Le) Average 8 hrs. d.BqAxx - 5.4

Lma7 d.BqAxx - - .4

wstandard d.BqAxx 90 140

Reference Method : Based on IvS 1996b1 and 1996b2

wstandard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218136

Date Received : Mar 05, 2022

Date Reported : Mar 09, 2022

Report Number: 2255868-1

Page 1 of 1

Sample Number 2218136-6
Parameter Noise (Leq 8 hrs.)
Location บริเวณ Air cooled condensor
Measurement Date Mar 03, 2022
Measurement by xessadin wongsukdithai

Time	Leq (dJ (A))	LmaK (dJ (A))	L90 (dJ (A))
11:00 AM - 12:00 PM	B4.9	B9.2	B4.8
12:00 PM - 01:00 PM	B4.8	BB.6	B4.5
01:00 PM - 02:00 PM	B4.8	BB.8	B4.5
02:00 PM - 03:00 PM	B4.8	B5.9	B4.5
03:00 PM - 04:00 PM	B4.8	B6.0	B4.5
04:00 PM - 05:00 PM	B4.8	B5.4	B4.5
05:00 PM - 06:00 PM	B4.9	B5.8	B4.6
06:00 PM - 08:00 PM	B4.9	B5.6	B4.8

Leq Average 8 hrs. (dJ (A))

B4.8

LmaK (dJ (A))

B9.2

7tandard (dJ (A))

90

140

Reference Method : Jased on I7S 1996-1 and 1996-2

7tandard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218136

Date Received : Mar 05, 2022
Date Reported : Mar 09, 2022
Report Number: 2255869-1

Page 1 of 1

Sample Number 2218136-(
Parameter Noise d.e) 8 hrs.x
Location บริเวณ Gas Compressor 2
Measurement Date Mar 03, 2022
Measurement by vessadin Jongsukdithai

Time	Le) dKqAxx	LmaB dKqAxx	L90 dKqAxx
11:00 AM - 12:00 PM	(3.3	(4.9	(2.6
12:00 PM - 01:00 PM	(3.5	(5.4	(2.8
01:00 PM - 02:00 PM	(4.1	(5.9	(3.2
02:00 PM - 03:00 PM	(4.0	(6.0	(3.0
03:00 PM - 04:00 PM	(4.1	(6.9	(3.2
04:00 PM - 05:00 PM	(4.4	(6.8	(3.5
05:00 PM - 06:00 PM	(3.8	(5.5	(2.9
06:00 PM - 07:00 PM	(3.9	(5.8	(3.2

Le) Average 8 hrs. dKqAxx

(3.9

LmaB dKqAxx

(6.9

7standard dKqAxx

90

140

Reference Method : Kased on I7S 1996-1 and 1996-2

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Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218136

Date Received : Mar 05, 2022

Date Reported : Mar 09, 2022

Report NumPer: 22558-0b1

(page 1 of 1

Sample Number 2218136b8
Parameter Noise d.e) 8 hrs.x
Location บริเวณ Gas TurPine 2
Measurement Date Mar 03, 2022
Measurement by vessadin Jongsukdithai

Time	Le) dKqAxx	LmaB dKqAxx	L90 dKqAxx
11:00 AM b 12:00 (M	-8.8	82.0	- - .9
12:00 (M b 01:00 (M	-9.8	82.2	-8.9
01:00 (M b 02:00 (M	80.-	82.9	-9.-
02:00 (M b 03:00 (M	80.3	82.0	-9.5
03:00 (M b 04:00 (M	-9.9	81.-	-8.9
04:00 (M b 05:00 (M	-9.6	81.-	-8.8
05:00 (M b 06:00 (M	-9.-	81.5	-9.0
06:00 (M b 0- :00 (M	80.5	82.1	80.0

Le) Average 8 hrs. dKqAxx -9.9

LmaB dKqAxx 82.9

7tandard dKqAxx 90 140

Reference Method : Kased on I7S 1996b1 and 1996b2

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P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244250

Date Received : May 20, 2022
Date Reported : Jun 02, 2022
Report Number: 2331D00-1

Page 1 of 1

Sample Number 2244250-1
Parameter Noise (Leq D hrs.)
Location บริเวณ Auxiliary Cooling Tower
Measurement Date May 21, 2022
Measurement by Sessadin Kongsukdithai

Time	Leq (dB(A))	Lmax (dB(A))	L70 (dB(A))
00:30 AM - 07:30 AM	16.0	18.0	15.7
07:30 AM - 10:30 AM	16.0	16.6	15.7
10:30 AM - 11:30 AM	15.7	16.5	15.0
11:30 AM - 12:30 PM	15.0	16.4	15.1
12:30 PM - 01:30 PM	15.7	16.5	15.1
01:30 PM - 02:30 PM	15.0	11.6	15.1
02:30 PM - 03:30 PM	15.0	16.5	15.1
03:30 PM - 04:30 PM	16.0	16.0	15.0

Leq Average D hrs. (dB(A))

15.7

Lmax (dB(A))

18.0

Standard (dB(A))

70

140

Reference Method : Based on ISO1776-1 and 1776-2

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P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244250

Date Received : May 20, 2022
Date Reported : Jun 02, 2022
Report Number: 2331D01-1

Page 1 of 1

Sample Number 2244250-2
Parameter Noise (Leq D hrs.)
Location บริเวณ Gas Compressor 1
Measurement Date May 20, 2022
Measurement by Sessadin wongsukdithai

Time	Leq (dJ (A))	LmaK (dJ (A))	LB0 (dJ (A))
00:30 AM - 08:30 AM	xD.1	D2.4	x5.2
08:30 AM - 10:30 AM	xD.4	D2.6	x5.5
10:30 AM - 11:30 AM	xD.3	D2.6	x5.5
11:30 AM - 12:30 PM	x6.4	D0.6	x4.B
12:30 PM - 01:30 PM	x6.1	xx.B	x5.1
01:30 PM - 02:30 PM	x6.1	xD.B	x4.B
02:30 PM - 03:30 PM	x6.0	xD.1	x4.B
03:30 PM - 04:30 PM	x6.1	xB.4	x4.x

Leq Average D hrs. (dJ (A))

xx.1

LmaK (dJ (A))

D2.6

7tandard (dJ (A))

B0

140

Reference Method : Based on I7S 1BB6-1 and 1BB6-2

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Analysis / Test Report

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456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244250

Date Received : May 20, 2022
Date Reported : Jun 02, 2022
Report Number: 2331D02-1

Page 1 of 1

Sample Number 2244250-3
Parameter Noise (Leq D hrs.)
Location บริเวณ Boiler Feed Pump
Measurement Date May 21, 2022
Measurement by Sessadin Kongsukdithai

Time	Leq (dB(A))	Lmax (dB(A))	L70 (dB(A))
00:30 AM - 07:30 AM	D2.0	D4.6	D2.0
07:30 AM - 10:30 AM	D2.0	D4.5	D2.0
10:30 AM - 11:30 AM	D2.4	D4.4	D1.6
11:30 AM - 12:30 PM	D2.0	D3.7	D1.4
12:30 PM - 01:30 PM	D2.0	D3.0	D1.4
01:30 PM - 02:30 PM	D1.7	D3.7	D1.3
02:30 PM - 03:30 PM	D2.0	D3.6	D1.5
03:30 PM - 04:30 PM	D1.7	D3.6	D1.4

Leq Average D hrs. (dB(A))

D2.2

Lmax (dB(A))

D4.6

Standard (dB(A))

70

140

Reference Method : Based on ISO1776-1 and 1776-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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Technical Management

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P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244250

Date Received : May 20, 2022
Date Reported : Jun 02, 2022
Report Number: 2331D03-1

Page 1 of 1

Sample Number 2244250-4
Parameter Noise (Leq D hrs.)
Location บริเวณ Gas Turbine 1
Measurement Date May 20, 2022
Measurement by Sessadin wongsukdithai

Time	Leq (dJ (A))	LmaK (dJ (A))	LB0 (dJ (A))
00:30 AM - 08:30 AM	D3.2	D5.D	D1.B
08:30 AM - 10:30 AM	D3.5	D6.2	D2.2
10:30 AM - 11:30 AM	D3.x	D6.x	D2.1
11:30 AM - 12:30 PM	D2.x	D5.5	D1.2
12:30 PM - 01:30 PM	D1.D	D4.x	D0.5
01:30 PM - 02:30 PM	D1.D	D4.3	D0.x
02:30 PM - 03:30 PM	D2.0	D4.6	D0.B
03:30 PM - 04:30 PM	D2.2	D5.2	D1.1

Leq Average D hrs. (dJ (A))

D2.x

LmaK (dJ (A))

D6.x

7tandard (dJ (A))

B0

140

Reference Method : Based on I7S 1BB6-1 and 1BB6-2

7tandard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244250

9ate Received : May 2D, 2022
9ate Reported : 8un 02, 2022
Report Number: 2331D04-1

Page 1 of 1

Sample Number 2244250-5
Parameter Noise (Leq D hrs.)
Location บริเวณ xteam Turbine
Measurement Date May 2w, 2022
Measurement by 8essadin Jongsukdithai

Time	Leq (dK(A))	LmaB (dK(A))	L70 (dK(A))
0D:30 AM - 07:30 AM	w6.5	w7.1	w5.7
07:30 AM - 10:30 AM	w5.7	w6.6	w5.5
10:30 AM - 11:30 AM	w5.D	w6.6	w5.5
11:30 AM - 12:30 PM	w5.7	w6.3	w5.4
12:30 PM - 01:30 PM	w5.7	w6.5	w5.3
01:30 PM - 02:30 PM	w6.4	wD.2	w5.7
02:30 PM - 03:30 PM	w6.4	w6.6	w6.0
03:30 PM - 04:30 PM	w6.5	w6.6	w6.1

Leq Average D hrs. (dK(A))

w6.2

LmaB (dK(A))

w7.1

xstandard (dK(A))

70

140

Reference Method : Kased on IxS 1776-1 and 1776-2

xstandard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244250

Date Received : May 20, 2022
Date Reported : Jun 02, 2022
Report Number: 2331D05-1

Page 1 of 1

Sample Number 2244250-6
Parameter Noise (Leq D hrs.)
Location บริเวณ Air cooled condensor
Measurement Date May 20, 2022
Measurement by Sessadin wongsukdithai

Time	Leq (dJ (A))	LmaK (dJ (A))	LB0 (dJ (A))
00:30 AM - 01:30 AM	x5.0	x6.3	x4.6
01:30 AM - 02:30 AM	x5.0	x6.3	x4.5
02:30 AM - 03:30 AM	x4.0	x6.0	x4.4
03:30 AM - 04:30 PM	x4.0	x6.3	x4.3
04:30 PM - 05:30 PM	x4.0	x6.2	x4.3
05:30 PM - 06:30 PM	x4.6	x6.5	x4.2
06:30 PM - 07:30 PM	x4.6	x6.1	x4.2
07:30 PM - 08:30 PM	x4.0	x6.0	x4.3

Leq Average D hrs. (dJ (A))

x4.0

LmaK (dJ (A))

x6.0

7standard (dJ (A))

B0

140

Reference Method : Based on I7S 1BB6-1 and 1BB6-2

7standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรฐานการคุ้มครองความปลอดภัย

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Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244250
Date Received : May 20, 2022
Date Reported : Jun 02, 2022
Report Number: 2331D06-1

Page 1 of 1

Sample Number 2244250-(
Parameter Noise d.e) D hrs.x
Location บริเวณ Gas Compressor 2
Measurement Date May 20, 2022
Measurement by Sessadin wongsukdithai

Time	Le) dBJ dAxx	LmaxK dBJ dAxx	LBO dBJ dAxx
08:30 AM - 09:30 AM	(5.0	D0.0	(3.0
09:30 AM - 10:30 AM	(6.6	D0.0	(4.3
10:30 AM - 11:30 AM	(6.3	D0.4	(4.1
11:30 AM - 12:30 PM	(6.0	(B.6	(4.5
12:30 PM - 01:30 PM	((.3	D0.1	(4.8
01:30 PM - 02:30 PM	(6.5	(B.3	(4.2
02:30 PM - 03:30 PM	(6.2	(D.B	(3.0
03:30 PM - 04:30 PM	(6.0	(D.B	(3.0

Le) Average D hrs. dBJ dAxx (6.5
LmaxK dBJ dAxx D0.0
7standard dBJ dAxx B0 140
Reference Method : Based on I7S 1BB6-1 and 1BB6-2
7standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244250

Date Received : May 20, 2022
Date Reported : Jun 02, 2022
Report Number: 2331D0-bl

(Page 1 of 1)

Sample Number 2244250-bl
Parameter Noise (Le) D hrs.x
Location บริเวณ Gas Turbine 2
Measurement Date May 2-, 2022
Measurement by Sessadin wongsukdithai

Time	Le) dBA	Lmax dBA	LBO dBA
08:30 AM to 09:30 AM	D1.6	D4.5	D0.2
09:30 AM to 10:30 AM	D1.D	D4.D	- B.-
10:30 AM to 11:30 AM	D2.4	D5.6	D0.6
11:30 AM to 12:30 (M	D2.1	D4.6	D0.5
12:30 (M to 01:30 (M	D1.-	D4.D	D0.1
01:30 (M to 02:30 (M	D1.D	D4.-	D0.3
02:30 (M to 03:30 (M	D2.1	D4.5	D0.6
03:30 (M to 04:30 (M	D1.5	D4.5	- B.3

Le) Average D hrs. dBA

D1.B

Lmax dBA

D5.6

7 standard dBA

B0

140

Reference Method : Based on I7S 1BB6bl and 1BB6b2

7 standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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ระดับความร้อนในบริเวณการทำงาน



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P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218138

Date Received : Mar 05, 2022

Date Reported : Mar 08, 2022

Report Number: 2228364-1

Page 1 of 5

Sample Number 2218138-1
Parameter Heat Stress (Sampling Time : 11.30 AM - 01.30 PM)
Measurement Date Mar 03, 2022
Measurement by Jessadin Kongsukdithai
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณ Condensor Exhaust Unit	120	26.7	23.8	33.6	33.6
Average (WBGT)		26.7			
Guideline WBGT (°C)		34.0			

Reference Method : Wet Bulb Globe Temperature

Guideline:

- Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
- Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

Technical Management

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P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218138

Date Received : Mar 05, 2022

Date Reported : Mar 08, 2022

Report Number: 2228364-1

Page 2 of 5

Sample Number 2218138-2
Parameter Heat Stress (Sampling Time : 11.30 AM - 01.30 PM)
Measurement Date Mar 03, 2022
Measurement by Jessadin Kongsukdithai
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณท่อส่งน้ำ	120	27.4	24.3	34.5	34.2
Average (WBGT)		27.4			
Guideline WBGT (°C)		34.0			

Reference Method : Wet Bulb Globe Temperature

Guideline:

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

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P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218138

Date Received : Mar 05, 2022

Date Reported : Mar 08, 2022

Report Number: 2228364-1

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Sample Number 2218138-3
Parameter Heat Stress (Sampling Time : 11.30 AM - 01.30 PM)
Measurement Date Mar 03, 2022
Measurement by Jessadin Kongsukdithai
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณ Air Cooled Condensor	120	26.7	23.5	34.3	34.1
Average (WBGT)		26.7			
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 Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218138

Date Received : Mar 05, 2022

Date Reported : Mar 08, 2022

Report Number: 2228364-1

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Sample Number 2218138-4
Parameter Heat Stress (Sampling Time : 11.30 AM - 01.30 PM)
Measurement Date Mar 03, 2022
Measurement by Jessadin Kongsukdithai
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณ Gas Turbine	120	30.3	25.6	42.2	39.5
Average (WBGT)		30.3			
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 Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

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P/O : สัญญาเลขที่ 4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218138

Date Received : Mar 05, 2022

Date Reported : Mar 08, 2022

Report Number: 2228364-1

Page 5 of 5

Sample Number 2218138-5
Parameter Heat Stress (Sampling Time : 11.30 AM - 01.30 PM)
Measurement Date Mar 03, 2022
Measurement by Jessadin Kongsukdithai
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณ Steam Turbine	120	30.6	25.9	41.4	40.8
Average (WBGT)		30.6			
Guideline WBGT (°C)		34.0			

Reference Method : Wet Bulb Globe Temperature

Guideline:

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218140

8ate Received : May 2D, 2022

8ate Reported : -un 01, 2022

Report NumPer: 222D366b1

Page 1 of 5

Sample Number 221D140b1
Parameter Seat (tress)(ampling Time :11.00 AM b 01.00 HM J
Measurement Date May 2K, 2022
Measurement by -essadin xongsukdithai
Location ปฏิบัติงาน 1 พื้นที่)ชื่อขนามสกุล ผู้ปฏิบัติงาน : บณณก : bJ


Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณ Condensor Elhaust 7 nit	120	2D.4	25.K	34.K	34.6
Average)WBGTJ		2D.4			
Guideline WBGT)°CJ		34.0			

Reference Method : Wet BulP GloPe Temperature

Guideline:

1. Notification of 8 department LaPour Protection and Welfare on the Criteria and Hrocedures for Measurement and Analysis of Working Conditions in relation to Seat, Light or Noise Levels, including 8uration and Types of Business that must perform)B.E. 2561J
2. Ministerial Regulation on HrescriPing of (tandard for Administration and Management of Occupational (afety, Sealth and Environmentin relation to Seat,Light and Noise, B.E.2559

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Approved by


Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218140

8ate Received : May 2D, 2022

8ate Reported : -un 01, 2022

Report NumPer: 222D366bl

Page 2 of 5

Sample Number 221D140b2
Parameter Seat (tress)(ampling Time :11.00 AM b 01.00 HM J
Measurement Date May 2K, 2022
Measurement by -essadin xongsukdithai
Location ปฏิบัติงาน 1 พื้นที่)ชื่อสนามสกุล ผู้ปฏิบัติงาน : buแผนก : bJ


Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณท่อส่งน้ำ	120	29.2	26.1	36.4	36.3
Average)WBGTJ		29.2			
Guideline WBGT)°CJ		34.0			

Reference Method : Wet BulP GloPe Temperature

Guideline:

- Notification of 8 department LaPour Protection and Welfare on the Criteria and Hrocedures for Measurement and Analysis of Working Conditions in relation to Seat, Light or Noise Levels, including 8uration and Types of Business that must perform)B.E. 2561J
- Ministerial Regulation on HrescriPing of (tandard for Administration and Management of Occupational (afety, Sealth and Environmentin relation to Seat,Light and Noise, B.E.2559

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Approved by


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Assistant Manager

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218140

8ate Received : May 2D, 2022

8ate Reported : -un 01, 2022

Report NumPer: 222D366bl

Page 3 of 5

Sample Number 221D140bB
Parameter Seat (tress)(ampling Time :11.00 AM b 01.00 HM J
Measurement Date May 2K, 2022
Measurement by -essadin xongsukdithai
Location ปฏิบัติงาน 1 พื้นที่)ชื่อสนามสกุล ผู้ปฏิบัติงาน : buแผนก : bJ


Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณ Air Cooled Condensor	120	2D.4	25.6	35.0	34.K
Average)WBGTJ		2D.4			
Guideline WBGT)°CJ		34.0			

Reference Method : Wet BulP GloPe Temperature

Guideline:

1. Notification of 8 department LaPour Protection and Welfare on the Criteria and Hrocedures for Measurement and Analysis of Working Conditions in relation to Seat, Light or Noise Levels, including 8uration and Types of Business that must perform)B.E. 2561J
2. Ministerial Regulation on HrescriPing of (tandard for Administration and Management of Occupational (afety, Sealth and Environmentin relation to Seat,Light and Noise, B.E.2559

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218140

8ate Received : May 2D, 2022

8ate Reported : -un 01, 2022

Report NumPer: 222D366bl

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Sample Number 221D140b4
Parameter Seat (tress)(ampling Time :11.00 AM b 01.00 HM J
Measurement Date May 2K, 2022
Measurement by -essadin xongsukdithai
Location ปฏิบัติงาน 1 พื้นที่)ชื่อสนามสกุล ผู้ปฏิบัติงาน : buแผนก : bJ


Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณ Gas TurPine	120	30.2	26.5	39.5	3K.5
Average)WBGTJ		30.2			
Guideline WBGT)°CJ		34.0			

Reference Method : Wet BulP GloPe Temperature

Guideline:

1. Notification of 8 department LaPour Protection and Welfare on the Criteria and Hrocedures for Measurement and Analysis of Working Conditions in relation to Seat, Light or Noise Levels, including 8uration and Types of Business that must perform)B.E. 2561J
2. Ministerial Regulation on HrescriPing of (tandard for Administration and Management of Occupational (afety, Sealth and Environmentin relation to Seat,Light and Noise, B.E.2559

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218140

8ate Received : May 2D, 2022

8ate Reported : -un 01, 2022

Report NumPer: 222D366bl

Page 5 of 5

Sample Number 221D140b5
Parameter Seat (tress)(ampling Time :11.00 AM b 01.00 HM J
Measurement Date May 2K, 2022
Measurement by -essadin xongsukdithai
Location ปฏิบัติงาน 1 พื้นที่)ชื่อสนามสกุล ผู้ปฏิบัติงาน : buแผนก : bJ


Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณ (team TurPine	120	32.0	2K.6	42.4	42.0
Average)WBGTJ		32.0			
Guideline WBGT)°CJ		34.0			

Reference Method : Wet BulP GloPe Temperature

Guideline:

1. Notification of 8 department LaPour Protection and Welfare on the Criteria and Hrocedures for Measurement and Analysis of Working Conditions in relation to Seat, Light or Noise Levels, including 8uration and Types of Business that must perform)B.E. 2561J
2. Ministerial Regulation on HrescriPing of (tandard for Administration and Management of Occupational (afety, Sealth and Environmentin relation to Seat,Light and Noise, B.E.2559

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218142

Date Received : Mar 08, 2022
Date Reported : Mar 09, 2022
Report Number : 2254560-1

Page 1 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Area - Administration Building : Ground Floor : Meeting Room 2								
1.1	2218142-1	2 Mar 2022	Day time	1	343	368.8	150	300	Pass
1.2	2218142-2	2 Mar 2022	Day time	2	386				
1.3	2218142-3	2 Mar 2022	Day time	3	374				
1.4	2218142-4	2 Mar 2022	Day time	4	367				
1.5	2218142-5	2 Mar 2022	Day time	5	411				
1.6	2218142-6	2 Mar 2022	Day time	6	332				
	Spot - Administration Building : Ground Floor : Plant Manager								
2	2218142-7	2 Mar 2022	Day time	1	516	-	400-500	-	Pass
	Spot - Administration Building : Ground Floor : SHE Room โต๊ะคอมฯ 1								
3	2218142-8	2 Mar 2022	Day time	1	548	-	400-500	-	Pass
	Spot - Administration Building : Ground Floor : SHE Room โต๊ะคอมฯ 2								
4	2218142-9	2 Mar 2022	Day time	1	508	-	400-500	-	Pass
	Area - Administration Building : Ground Floor : Meeting Room								
5.1	2218142-10	2 Mar 2022	Day time	1	334	318.0	150	300	Pass
5.2	2218142-11	2 Mar 2022	Day time	2	302				
	Area - Administration Building : Ground Floor : ห้องรับแขก								
6.1	2218142-12	2 Mar 2022	Day time	1	300	296.0	50	100	Pass
6.2	2218142-13	2 Mar 2022	Day time	2	292				
	Area - Administration Building : Ground Floor : Copy Room								
7.1	2218142-14	2 Mar 2022	Day time	1	415	472.5	150	300	Pass
7.2	2218142-15	2 Mar 2022	Day time	2	530				
	Spot - Administration Building : Ground Floor : GA Manager								
9	2218142-16	2 Mar 2022	Day time	1	688	-	400-500	-	Pass
	Spot - Administration Building : Ground Floor : โต๊ะคอมฯ เจ้าหน้าที่จัดซื้อ 2 GNRV 2								
10	2218142-17	2 Mar 2022	Day time	1	456	-	400-500	-	Pass
	Spot - Administration Building : Ground Floor : โต๊ะคอมฯ เจ้าหน้าที่จัดซื้อ 1 GNRV 1								
11	2218142-18	2 Mar 2022	Day time	1	455	-	400-500	-	Pass
	Spot - Administration Building : Ground Floor : โต๊ะคอมฯ IT								
12	2218142-19	2 Mar 2022	Day time	1	574	-	400-500	-	Pass
	Spot - Administration Building : Ground Floor : โต๊ะคอมฯ GA Officer GNRV 1								
13	2218142-20	2 Mar 2022	Day time	1	670	-	400-500	-	Pass
	Spot - Administration Building : Ground Floor : โต๊ะคอมฯ GA Officer GNRV 2								
14	2218142-21	2 Mar 2022	Day time	1	585	-	400-500	-	Pass

Technical Management

Supot Salamteh
Section Head

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Wichan Choonharat
Assistant Manager

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456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218142

Date Received : Mar 08, 2022
Date Reported : Mar 09, 2022
Report Number : 2254560-1

Page 2 of 2

Page 2 of 3

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Administration Building : Ground Floor : Corridor									
16.1	2218142-22	2 Mar 2022	Day time	1	187	170.0	50	100	Pass
16.2	2218142-23	2 Mar 2022	Day time	2	153				
Area - Administration Building : Ground Floor : ห้องเก็บของ									
17.1	2218142-24	2 Mar 2022	Day time	1	562	462.5	50	100	Pass
17.2	2218142-25	2 Mar 2022	Day time	2	363				
Area - Administration Building : Ground Floor : Electrical Control Room									
18.1	2218142-26	2 Mar 2022	Day time	1	201	454.5	100	200	Pass
18.2	2218142-27	2 Mar 2022	Day time	2	708				
Area - Administration Building : Ground Floor : Men Toilet									
19.1	2218142-28	2 Mar 2022	Day time	1	452	640.0	50	100	Pass
19.2	2218142-29	2 Mar 2022	Day time	2	828				
Area - Administration Building : Ground Floor : Women Toilet									
20.1	2218142-30	2 Mar 2022	Day time	1	143	416.5	50	100	Pass
20.2	2218142-31	2 Mar 2022	Day time	2	690				
Area - Administration Building : Ground Floor : pantry									
21.1	2218142-32	2 Mar 2022	Day time	1	738	862.0	150	300	Pass
21.2	2218142-33	2 Mar 2022	Day time	2	986				
Spot - Administration Building : Ground Floor : โต๊ะคอมพิวเตอร์สำรอง									
22	2218142-34	2 Mar 2022	Day time	1	407	-	400-500	-	Pass

Measurement by : Jessadin Kongsukdithai Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

Supot Salamteh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218144

Date Received : Mar 08, 2022
Date Reported : Mar 09, 2022
Report Number : 2254565-1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Control Building : 1st Floor : Battery Room									
1.1	2218144-1	2 Mar 2022	Day time	1	345	330.0	100	200	Pass
1.2	2218144-2	2 Mar 2022	Day time	2	315				
Area - Control Building : 1st Floor : MCC Room									
2.1	2218144-3	2 Mar 2022	Day time	1	446	361.3	100	200	Pass
2.2	2218144-4	2 Mar 2022	Day time	2	443				
2.3	2218144-5	2 Mar 2022	Day time	3	461				
2.4	2218144-6	2 Mar 2022	Day time	4	312				
2.5	2218144-7	2 Mar 2022	Day time	5	286				
2.6	2218144-8	2 Mar 2022	Day time	6	289				
2.7	2218144-9	2 Mar 2022	Day time	7	329				
2.8	2218144-10	2 Mar 2022	Day time	8	280				
2.9	2218144-11	2 Mar 2022	Day time	9	488				
2.10	2218144-12	2 Mar 2022	Day time	10	410				
2.11	2218144-13	2 Mar 2022	Day time	11	318				
2.12	2218144-14	2 Mar 2022	Day time	12	274				

Measurement by : Jessadin Kongsukdithai Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218145

Date Received : Mar 08, 2022
Date Reported : Mar 09, 2022
Report Number : 2254568-1

Page 1 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Control Building : 2nd Floor : Corridor									
1.1	2218145-1	2 Mar 2022	Day time	1	866	644.0	50	100	Pass
1.2	2218145-2	2 Mar 2022	Day time	2	422				
Area - Control Building : 2nd Floor : Men Toilet									
2.1	2218145-3	2 Mar 2022	Day time	1	180	393.5	50	100	Pass
2.2	2218145-4	2 Mar 2022	Day time	2	607				
Area - Control Building : 2nd Floor : Women Toilet									
3.1	2218145-5	2 Mar 2022	Day time	1	403	351.5	50	100	Pass
3.2	2218145-6	2 Mar 2022	Day time	2	300				
Area - Control Building : 2nd Floor : Pantry Room									
4.1	2218145-7	2 Mar 2022	Day time	1	1,305	1,118	150	300	Pass
4.2	2218145-8	2 Mar 2022	Day time	2	930				
Area - Control Building : 2nd Floor : Utility Room									
5.1	2218145-9	2 Mar 2022	Day time	1	313	397.5	100	200	Pass
5.2	2218145-10	2 Mar 2022	Day time	2	482				
Area - Control Building : 2nd Floor : DCS Room									
6.1	2218145-11	2 Mar 2022	Day time	1	447	396.3	100	200	Pass
6.2	2218145-12	2 Mar 2022	Day time	2	290				
6.3	2218145-13	2 Mar 2022	Day time	3	452				
Spot - Control Building : 2nd Floor : CCR จอควบคุม 1 (GNRV 1)									
7	2218145-14	2 Mar 2022	Day time	1	445	-	400-500	-	Pass
Spot - Control Building : 2nd Floor : CCR จอควบคุม 2 (GNRV 1)									
8	2218145-15	2 Mar 2022	Day time	1	450	-	400-500	-	Pass
Spot - Control Building : 2nd Floor : CCR จอควบคุม 3 (GNRV 2)									
9	2218145-16	2 Mar 2022	Day time	1	410	-	400-500	-	Pass
Spot - Control Building : 2nd Floor : CCR จอควบคุม 4 (GNRV 2)									
10	2218145-17	2 Mar 2022	Day time	1	423	-	400-500	-	Pass
Spot - Control Building : 2nd Floor : CCR โต๊ะทำงาน Shift Lead 1 (GNRV 1)									
11	2218145-18	2 Mar 2022	Day time	1	525	-	400-500	-	Pass
Spot - Control Building : 2nd Floor : CCR โต๊ะทำงาน Shift Lead 2 (GNRV 2)									
12	2218145-19	2 Mar 2022	Day time	1	570	-	400-500	-	Pass
Spot - Control Building : 2nd Floor : DCS Room โต๊ะคอมฯ (Server)									
13	2218145-20	2 Mar 2022	Day time	1	526	-	400-500	-	Pass

Technical Management

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Section Head

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218145

Date Received : Mar 08, 2022
Date Reported : Mar 09, 2022
Report Number : 2254568-1

Page 2 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot / Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
14	Spot - Control Building : 2nd Floor : DCS Room ไต้ะคอมฯ (Steam Turbine)								
	2218145-21	2 Mar 2022	Day time	1	415	-	400-500	-	Pass
15	Spot - Control Building : 2nd Floor : DCS Room ไต้ะคอมฯ (HDSR)								
	2218145-22	2 Mar 2022	Day time	1	422	-	400-500	-	Pass
16	Spot - Control Building : 2nd Floor : Operation Manager								
	2218145-23	2 Mar 2022	Day time	1	823	-	400-500	-	Pass

Measurement by : Jessadin Kongsukdithai Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

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Assistant Manager

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218146

Date Received : Mar 08, 2022
Date Reported : Mar 09, 2022
Report NumPer : 22545- 1b1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Area - Control Building : Ground Floor : บันได								
2.1	2218146b1	2 Mar 2022	Da7 time	1	3- 5	549.5	50	100	yass
2.2	2218146b2	2 Mar 2022	Da7 time	2	- 24				

Measurement by : Jessadin Kongsukdithai yersonnel of ALS LaPorator7 Group (Thailand) Co., Ltd.

Guideline : Notification of Department of LaPour yrotection and Welfare, B.E.2560 (201-) dated NovemPer 2- , B.E.2560 (201-), and puPlished in the Ro7al Government Gazette, Vol.135, yart 39D dated FePruar7 21 B.E.2561 (2018)

Technical Management

Supot Salamteh
Section Head

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Wichan Choonharat
Assistant Manager

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456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218147

Date Received : Mar 08, 2022
Date Reported : Mar 09, 2022
Report NumPer : 22545- - b1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Gas Station : Control Room									
1.1	221814- b1	2 Mar 2022	Da7 time	1	601	543.5	100	200	yass
1.2	221814- b2	2 Mar 2022	Da7 time	2	451				
1.3	221814- b3	2 Mar 2022	Da7 time	3	525				
1.4	221814- b4	2 Mar 2022	Da7 time	4	59-				

Measurement by : Jessadin Kongsukdithai yersonnel of ALS LaPorator7 Group (Thailand) Co., Ltd.

Guideline : Notification of Department of LaPour yrotection and Welfare, B.E.2560 (201-) dated NovemPer 2- , B.E.2560 (201-), and puPlished in the Ro7al Government Gazette, Vol.135, yart 39D dated FePruar7 21 B.E.2561 (2018)

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218148

Date Received : Mar 08, 2022
Date Reported : Mar 09, 2022
Report NumPer : 22545- 9b1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Terminal Substation : Switchyard Control Room									
1.1	2218148b1	2 Mar 2022	Da7 time	1	6- 8	582.0	100	200	yass
1.2	2218148b2	2 Mar 2022	Da7 time	2	436				
1.3	2218148b3	2 Mar 2022	Da7 time	3	632				
Area - Terminal Substation : Switchyard Control Room : Battery Room									
2.1	2218148b4	2 Mar 2022	Da7 time	1	205	21- .5	100	200	yass
2.2	2218148b5	2 Mar 2022	Da7 time	2	230				
Area - Terminal Substation : 22 KV Switch Gear Room									
3.1	2218148b6	2 Mar 2022	Da7 time	1	5- 3	560.-	100	200	yass
3.2	2218148b7	2 Mar 2022	Da7 time	2	621				
3.3	2218148b8	2 Mar 2022	Da7 time	3	488				
Area - Terminal Substation : Terminal Control Room : Battery Room									
4.1	2218148b9	2 Mar 2022	Da7 time	1	502	513.0	100	200	yass
4.2	2218148b10	2 Mar 2022	Da7 time	2	524				
Area - Terminal Substation : Terminal Control Room									
5.1	2218148b11	2 Mar 2022	Da7 time	1	902	636.-	100	200	yass
5.2	2218148b12	2 Mar 2022	Da7 time	2	542				
5.3	2218148b13	2 Mar 2022	Da7 time	3	466				

Measurement by : Jessadin Kongsukdithai yersonnel of ALS LaPorator7 Group (Thailand) Co., Ltd.

Guideline : Notification of Department of LaPour yrotection and Welfare, B.E.2560 (201-) dated NovemPer 2- , B.E.2560 (201-), and puPlished in the Ro7al Government Gazette, Vol.135, yart 39D dated FePruar7 21 B.E.2561 (2018)

Technical Management

Supot Salamteh
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456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218149

Date Received : Mar 08, 2022
Date Reported : Mar 09, 2022
Report Number : 2254583-1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Water Treatment Control Building : Office (Copy Room)									
1.1	2218149-1	2 Mar 2022	Da7 time	1	6y5	622.0	150	300	Pass
1.2	2218149-2	2 Mar 2022	Da7 time	2	569				
Area - Water Treatment Control Building : Control Room									
2.1	2218149-3	2 Mar 2022	Da7 time	1	4y0	492.0	100	200	Pass
2.2	2218149-4	2 Mar 2022	Da7 time	2	514				
Spot - Water Treatment Control Building : Control Room (โต๊ะคอมฯ)									
3	2218149-5	2 Mar 2022	Da7 time	1	693	-	400-500	-	Pass
Spot - Water Treatment Control Building : Lab Room จุดวัด pH จุดไตรเอท									
5	2218149-6	2 Mar 2022	Da7 time	1	903	-	400-500	-	Pass
Spot - Water Treatment Control Building : Office (โต๊ะคอมฯ นักเคมี)									
6	2218149-y	2 Mar 2022	Da7 time	1	y63	-	400-500	-	Pass

Measurement by : Sessadin Hongsukdithai Personnel of ALWLaborator7 Group zThailand/ Co., Ltd.

Guideline : Notification of Department of Labour Protection and (elfare,) .E.2560 z201y/ dated November 2y,) .E.2560 z201y/, and published in the Ro7al Government Gavette, Vol.135, Part 39D dated xebruar7 21) .E.2561 z2018/

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Assistant Manager

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218150

Date Received : Mar 08, 2022
Date Reported : Mar 14, 2022
Report Number : 2254589-1

Page 1 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Area - Workshop : 1st Floor : Copy Room								
1.1	2218150-1	2 Mar 2022	Day time	1	492	482.0	150	300	Pass
1.2	2218150-2	2 Mar 2022	Day time	2	472				
	Area - Workshop : 1st Floor : Meeting Room								
4.1	2218150-5	2 Mar 2022	Day time	1	430	450.9	150	300	Pass
4.2	2218150-6	2 Mar 2022	Day time	2	516				
4.3	2218150-9	2 Mar 2022	Day time	3	406				
	Area - Workshop : 1st Floor : Men Toilet								
5.1	2218150-8	2 Mar 2022	Day time	1	285	314.5	50	100	Pass
5.2	2218150-7	2 Mar 2022	Day time	2	344				
	Area - Workshop : 1st Floor : Women Toilet								
6.1	2218150-10	2 Mar 2022	Day time	1	284	281.0	50	100	Pass
6.2	2218150-11	2 Mar 2022	Day time	2	298				
	Spot - Workshop : 1st Floor : C&I โต๊ะทำงาน 1 (Engineer 1) GNRV 1								
9	2218150-12	2 Mar 2022	Day time	1	405	-	400-500	-	Pass
	Spot - Workshop : 1st Floor : C&I โต๊ะทำงาน 2 (Engineer 2) GNRV 1								
8	2218150-13	2 Mar 2022	Day time	1	522	-	400-500	-	Pass
	Spot - Workshop : 1st Floor : C&I โต๊ะทำงาน 3 (Leader) GNRV 2								
7	2218150-14	2 Mar 2022	Day time	1	592	-	400-500	-	Pass
	Spot - Workshop : 1st Floor : C&I โต๊ะทำงาน 4 (Engineer 1) GNRV 2								
10	2218150-15	2 Mar 2022	Day time	1	517	-	400-500	-	Pass
	Spot - Workshop : 1st Floor : Electrical โต๊ะทำงาน 1 (Leader) GNRV 2								
11	2218150-16	2 Mar 2022	Day time	1	630	-	400-500	-	Pass
	Spot - Workshop : 1st Floor : Electrical โต๊ะทำงาน 2 (Engineer 1) GNRV 1								
12	2218150-19	2 Mar 2022	Day time	1	525	-	400-500	-	Pass
	Spot - Workshop : 1st Floor : Electrical โต๊ะทำงาน 3 (Engineer 1) GNRV 2								
13	2218150-18	2 Mar 2022	Day time	1	493	-	400-500	-	Pass
	Spot - Workshop : 1st Floor : Electrical โต๊ะทำงาน 4 (Engineer 2) GNRV 2								
14	2218150-17	2 Mar 2022	Day time	1	460	-	400-500	-	Pass
	Spot - Workshop : 1st Floor : Mechanical โต๊ะทำงาน 1 (Leader) GNRV 1								
15	2218150-20	2 Mar 2022	Day time	1	567	-	400-500	-	Pass
	Spot - Workshop : 1st Floor : Mechanical โต๊ะทำงาน 2 (Engineer 1) GNRV 2								
16	2218150-21	2 Mar 2022	Day time	1	576	-	400-500	-	Pass

Technical Management

Supot Salamteh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

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456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218150

Date Received : Mar 08, 2022
Date Reported : Mar 14, 2022
Report Number : 2254589-1

Page 2 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot / Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
19	Spot - Workshop : 1st Floor : Mechanical โต๊ะทำงาน 3 (Engineer 1) GNRV 1								
	2218150-22	2 Mar 2022	Day time	1	503	-	400-500	-	Pass
18	Spot - Workshop : 1st Floor : Mechanical โต๊ะทำงาน 4 (Engineer 2) GNRV 2								
	2218150-23	2 Mar 2022	Day time	1	532	-	400-500	-	Pass
17	Spot - Workshop : 1st Floor : Miantenance Manager								
	2218150-24	2 Mar 2022	Day time	1	493	-	400-500	-	Pass

Measurement by : Jessadin Kongsukdithai Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2019) dated November 29, B.E.2560 (2019), and published in the Royal Government Gazette, Vol.135, Part 37D dated February 21 B.E.2561 (2018)

Technical Management

Supot Salamteh
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Assistant Manager

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218151

Date Received : Mar 08, 2022
Date Reported : Mar 09, 2022
Report Number : 2254592-1

Page 1 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Workshop : Ground Floor : Men Toilet									
2.1	2218151-1	2 Mar 2022	Da7 time	1	484	6y3.0	50	100	Pass
2.2	2218151-2	2 Mar 2022	Da7 time	2	862				
Area - Workshop : Ground Floor : Women Toilet									
3.1	2218151-3	2 Mar 2022	Da7 time	1	y58	69y.0	50	100	Pass
3.2	2218151-4	2 Mar 2022	Da7 time	2	636				
Area - Workshop : Ground Floor : Temp Control Part Room									
4.1	2218151-5	2 Mar 2022	Da7 time	1	149	168.0	50	100	Pass
4.2	2218151-6	2 Mar 2022	Da7 time	2	163				
4.3	2218151-y	2 Mar 2022	Da7 time	3	192				
Area - Workshop : Ground Floor : Control & Instument Workshop									
5.1	2218151-8	2 Mar 2022	Da7 time	1	302	306.3	150	300	Pass
5.2	2218151-9	2 Mar 2022	Da7 time	2	319				
5.3	2218151-10	2 Mar 2022	Da7 time	3	298				
Area - Workshop : Ground Floor : Electrical Control Room									
6.1	2218151-11	2 Mar 2022	Da7 time	1	359	369.5	100	200	Pass
6.2	2218151-12	2 Mar 2022	Da7 time	2	380				
Area - Workshop : Ground Floor : Electrical & Mechanical Workshop									
y.1	2218151-13	2 Mar 2022	Da7 time	1	302	332.3	150	300	Pass
y.2	2218151-14	2 Mar 2022	Da7 time	2	346				
y.3	2218151-15	2 Mar 2022	Da7 time	3	345				
y.4	2218151-16	2 Mar 2022	Da7 time	4	336				
Area - Workshop : Ground Floor : Warehouse									
8.1	2218151-1y	2 Mar 2022	Da7 time	1	1,393	1,310	100	200	Pass
8.2	2218151-18	2 Mar 2022	Da7 time	2	1,500				
8.3	2218151-19	2 Mar 2022	Da7 time	3	1,339				
8.4	2218151-20	2 Mar 2022	Da7 time	4	1,149				
8.5	2218151-21	2 Mar 2022	Da7 time	5	1,264				
8.6	2218151-22	2 Mar 2022	Da7 time	6	1,213				
Area - Workshop : Ground Floor : Server Room									
9.1	2218151-23	2 Mar 2022	Da7 time	1	190	238.5	100	200	Pass
9.2	2218151-24	2 Mar 2022	Da7 time	2	28y				

Technical Management

Supot Salamteh
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Assistant Manager

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2218151

Date Received : Mar 08, 2022
Date Reported : Mar 09, 2022
Report Number : 2254592-1

Page 2 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Area - Workshop : Ground Floor : บันได								
10.1	2218151-25	2 Mar 2022	Da7 time	1	120	105.0	50	100	Pass
10.2	2218151-26	2 Mar 2022	Da7 time	2	90				
	Spot - Workshop : Ground Floor : คลังพัสดุ GNRV 1								
11	2218151-2y	2 Mar 2022	Da7 time	1	501	-	400-500	-	Pass
	Spot - Workshop : Ground Floor : คลังพัสดุ GNRV 2								
12	2218151-28	2 Mar 2022	Da7 time	1	562	-	400-500	-	Pass

Measurement by : Jessadin Kongsukdithai Personnel of ALS Laborator7 Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (201y) dated November 2y, B.E.2560 (201y), and published in the Ro7al Government Gazette, Vol.135, Part 39D dated Februar7 21 B.E.2561 (2018)

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456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000

P/O :

Project Name : Monitoring EIA

Project Location : GNRV1

Lot ID: 2234390

2 ate Received : Mar 88, 8088

2 ate ReDorted : Mar 85, 8088

ReDort Num- er : 88680p391

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Workshop : 1st Floor : Corridor									
8.1	88343P091	1p Mar 8088	2ay time	1	18P	156.5	50	100	bass
8.8	88343P098	1p Mar 8088	2ay time	8	174				

Measurement by : Jessadin Kongsukdithai personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of 2eDartment of La- our brotection and Welfare, B.E.8560 (801p) dated Novem- er 8p, B.E.8560 (801p), and Du- lished in the Royal Government Gazette, Vol.135, bart 3P2 dated Fe- ruary 81 B.E.8561 (8017)

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456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244264

date Received : 8un 02, D0DD
date Re9orted : 8un 14, D0DD
Re9ort NumPer : D3325- - b1

Page 1 of D

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Spot - Administration Building : Ground Floor : Plant Manager								
D	DD44D64b1	D6 Ma7 D0DD	pa7 time	1	464	b	400b500	b	yass
3	Spot - Administration Building : Ground Floor : SHE Room โต๊ะคอมฯ 1								
	DD44D64bD	D6 Ma7 D0DD	pa7 time	1	66D	b	400b500	b	yass
4	Spot - Administration Building : Ground Floor : SHE Room โต๊ะคอมฯ 2								
	DD44D64b3	D6 Ma7 D0DD	pa7 time	1	443	b	400b500	b	yass
	Area - Administration Building : Ground Floor : Copy Room								
-.1	DD44D64b4	D6 Ma7 D0DD	pa7 time	1	513	43-.5	150	300	yass
-.D	DD44D64b5	D6 Ma7 D0DD	pa7 time	D	36D				
	Area - Administration Building : Ground Floor : Server Room								
S.1	DD44D64b6	D6 Ma7 D0DD	pa7 time	1	154	D15.0	100	D00	yass
S.D	DD44D64b-	D6 Ma7 D0DD	pa7 time	D	D46				
2	Spot - Administration Building : Ground Floor : GA Manager								
	DD44D64b5	D6 Ma7 D0DD	pa7 time	1	535	b	400b500	b	yass
10	Spot - Administration Building : Ground Floor : โต๊ะคอมฯ เจ้าหน้าที่จัดซื้อ 2 GNRV 2								
	DD44D64b2	D6 Ma7 D0DD	pa7 time	1	405	b	400b500	b	yass
11	Spot - Administration Building : Ground Floor : โต๊ะคอมฯ เจ้าหน้าที่จัดซื้อ 1 GNRV 1								
	DD44D64b10	D6 Ma7 D0DD	pa7 time	1	403	b	400b500	b	yass
1D	Spot - Administration Building : Ground Floor : โต๊ะคอมฯ IT								
	DD44D64b11	D6 Ma7 D0DD	pa7 time	1	665	b	400b500	b	yass
13	Spot - Administration Building : Ground Floor : โต๊ะคอมฯ GA Officer GNRV 1								
	DD44D64b1D	D6 Ma7 D0DD	pa7 time	1	420	b	400b500	b	yass
14	Spot - Administration Building : Ground Floor : โต๊ะคอมฯ GA Officer GNRV 2								
	DD44D64b13	D6 Ma7 D0DD	pa7 time	1	6D2	b	400b500	b	yass
	Area - Administration Building : Ground Floor : ห้องเก็บของ								
1-.1	DD44D64b14	D6 Ma7 D0DD	pa7 time	1	3S6	410.5	50	100	yass
1-.D	DD44D64b15	D6 Ma7 D0DD	pa7 time	D	435				
	Area - Administration Building : Ground Floor : Electrical Control Room								
1S.1	DD44D64b16	D6 Ma7 D0DD	pa7 time	1	36S	513.5	100	D00	yass
1S.D	DD44D64b1-	D6 Ma7 D0DD	pa7 time	D	652				
	Area - Administration Building : Ground Floor : Men Toilet								
12.1	DD44D64b1S	D6 Ma7 D0DD	pa7 time	1	354	460.0	50	100	yass
12.D	DD44D64b12	D6 Ma7 D0DD	pa7 time	D	566				

Technical Management

Supt S

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Approved by

Wichan Choonharat

z ichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244264

date Received : Sun 02, D0DD
date Reported : Sun 14, D0DD
Report Number : D3325- - b1

Page D of D

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Administration Building : Ground Floor : Women Toilet									
D0.1	DD44D64D0	D6 Ma7 D0DD	pa7 time	1	S40	- 6- .5	50	100	yass
D0.D	DD44D64D1	D6 Ma7 D0DD	pa7 time	D	625				
Spot - Administration Building : Ground Floor : โต๊ะคอมพิวเตอร์สำรอง									
DD	DD44D64D0	D6 Ma7 D0DD	pa7 time	1	40D	b	400b500	b	yass

Measurement by : 8essadin Kongsukdithai yersonnel of ALH LaPorator7 Grou9)ThailandwCo., Ltd.

Guideline : Notification of pe9artment of LaPour yrotection and z elfare, B.E.D560)D01- wdated NovemPer D- , B.E.D560)D01- w and 9uPlished in the Ro7al Government Ga/ette, Vol.135, yart 32p dated FePruar7 D1 B.E.D561)D01Sw

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456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244267

date Received : Sun 02, D0DD
date Reported : Sun 14, D0DD
Report Number : DD-3460b1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Control Building : 1st Floor : Battery Room									
1.1	DD44D67b1	D6 MaJ D0DD	paJ time	1	66D	57D.5	100	D00	yass
1.D	DD44D67bD	D6 MaJ D0DD	paJ time	D	4-3				

Measurement by : Sessadin Kongsukdithai yersonnel of ALS LaPoratorJ Grou9 (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (D017) dated November D7, B.E.2560 (D017), and Published in the Royal Government Gazette, Vol.135, part 32p dated February D1 B.E.2561 (D01-)

Technical Management

Su9ot Salamteh
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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244268

plate Received : 8un 02, D0DD
pate Re9orted : 8un 14, D0DD
Re9ort NumPer : D3325- 0b1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Control Building : 2nd Floor : Women Toilet									
3.1	DD44D6- b1	D6 Ma7 D0DD	pa7 time	1	325	35D.0	50	100	yass
3.D	DD44D6- bD	D6 Ma7 D0DD	pa7 time	D	302				
Area - Control Building : 2nd Floor : Pantry Room									
4.1	DD44D6- b3	D6 Ma7 D0DD	pa7 time	1	3DD	302.0	150	300	yass
4.D	DD44D6- b4	D6 Ma7 D0DD	pa7 time	D	D26				
Area - Control Building : 2nd Floor : Utility Room									
5.1	DD44D6- b5	D6 Ma7 D0DD	pa7 time	1	603	634.0	100	D00	yass
5.D	DD44D6- b6	D6 Ma7 D0DD	pa7 time	D	665				
S	Spot - Control Building : 2nd Floor : CCR จอควบคุม 1 (GNRV 1)								
	DD44D6- b5	D6 Ma7 D0DD	pa7 time	1	410	b	400b500	b	yass
-	Spot - Control Building : 2nd Floor : CCR จอควบคุม 2 (GNRV 1)								
	DD44D6- b-	D6 Ma7 D0DD	pa7 time	1	45D	b	400b500	b	yass
2	Spot - Control Building : 2nd Floor : CCR จอควบคุม 3 (GNRV 2)								
	DD44D6- b2	D6 Ma7 D0DD	pa7 time	1	465	b	400b500	b	yass
10	Spot - Control Building : 2nd Floor : CCR จอควบคุม 4 (GNRV 2)								
	DD44D6- b10	D6 Ma7 D0DD	pa7 time	1	413	b	400b500	b	yass
11	Spot - Control Building : 2nd Floor : CCR โต๊ะทำงาน Shift Lead 1 (GNRV 1)								
	DD44D6- b11	D6 Ma7 D0DD	pa7 time	1	532	b	400b500	b	yass
1D	Spot - Control Building : 2nd Floor : CCR โต๊ะทำงาน Shift Lead 2 (GNRV 2)								
	DD44D6- b1D	D6 Ma7 D0DD	pa7 time	1	54-	b	400b500	b	yass
13	Spot - Control Building : 2nd Floor : DCS Room โต๊ะคอมฯ (Server)								
	DD44D6- b13	D6 Ma7 D0DD	pa7 time	1	6SD	b	400b500	b	yass
14	Spot - Control Building : 2nd Floor : DCS Room โต๊ะคอมฯ (Steam Turbine)								
	DD44D6- b14	D6 Ma7 D0DD	pa7 time	1	405	b	400b500	b	yass
15	Spot - Control Building : 2nd Floor : DCS Room โต๊ะคอมฯ (HDSR)								
	DD44D6- b15	D6 Ma7 D0DD	pa7 time	1	40D	b	400b500	b	yass
16	Spot - Control Building : 2nd Floor : Operation Manager								
	DD44D6- b16	D6 Ma7 D0DD	pa7 time	1	SS1	b	400b500	b	yass

Measurement by : 8essadin Hongskudithai yersonnel of ALWLaPorator7 Grou9 zThailand/ Co., Ltd.

Guideline : Notification of pe9artment of LaPour yrotection and (elfare,) .E.D560 zD01S/ dated NovemPer D5,) .E.D560 zD01S/, and 9uPlished in the Ro7al Government Gavette, Vol.135, yart 32p dated xePruar7 D1) .E.D561 zD01- /

Technical Management

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Approved by

(ichan Choonharat
Assistant Manager

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456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244269

date Received : Sun 02, D0DD
date Reported : Sun 14, D0DD
Report Number : DD-345-b1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Area - Control Building : Ground Floor : บันได								
D.1	DD44D62b1	D6 Ma7 D0DD	pa7 time	1	1D0	12D.0	50	100	yass
D.D	DD44D62bD	D6 Ma7 D0DD	pa7 time	D	D64				

Measurement by : Sessadin Songsukdithai yersonnel of ALH LaPorator7 Grou9 Whailandz Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, (E.D560 W01)z dated November D), (E.D560 W01)z, and Published in the Royal Government Gazette, Vol.135, part 32p dated September D1 (E.D561 W01-z

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244273

date Received : 8un 02, D0DD
date Re9orted : 8un 14, D0DD
Re9ort NumPer : D3325- 2b1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Workshop : Ground Floor : Men Toilet									
D.1	DD44D73b1	D6 MaJ D0DD	paJ time	1	617	740.5	50	100	yass
D.D	DD44D73bD	D6 MaJ D0DD	paJ time	D	- 64				
Area - Workshop : Ground Floor : Women Toilet									
3.1	DD44D73b8	D6 MaJ D0DD	paJ time	1	504	42- .5	50	100	yass
3.D	DD44D73b4	D6 MaJ D0DD	paJ time	D	423				
Area - Workshop : Ground Floor : Temp Control Part Room									
4.1	DD44D73b5	D6 MaJ D0DD	paJ time	1	151	1- D.3	50	100	yass
4.D	DD44D73b6	D6 MaJ D0DD	paJ time	D	126				
4.3	DD44D73b7	D6 MaJ D0DD	paJ time	3	D00				
Area - Workshop : Ground Floor : Control & Instument Workshop									
5.1	DD44D73b-	D6 MaJ D0DD	paJ time	1	D10	30- .0	150	300	yass
5.D	DD44D73b2	D6 MaJ D0DD	paJ time	D	360				
5.3	DD44D73b10	D6 MaJ D0DD	paJ time	3	354				
Area - Workshop : Ground Floor : Electrical Control Room									
6.1	DD44D73b11	D6 MaJ D0DD	paJ time	1	365	321.0	100	D00	yass
6.D	DD44D73b1D	D6 MaJ D0DD	paJ time	D	417				
Area - Workshop : Ground Floor : Server Room									
2.1	DD44D73b13	D6 MaJ D0DD	paJ time	1	176	D07.0	100	D00	yass
2.D	DD44D73b14	D6 MaJ D0DD	paJ time	D	D3-				
Area - Workshop : Ground Floor : บันได									
10.1	DD44D73b15	D6 MaJ D0DD	paJ time	1	101	103.0	50	100	yass
10.D	DD44D73b16	D6 MaJ D0DD	paJ time	D	105				
Spot - Workshop : Ground Floor : คลังพัสดุ GNRV 1									
11	DD44D73b17	D6 MaJ D0DD	paJ time	1	515	b	400b500	b	yass
Spot - Workshop : Ground Floor : คลังพัสดุ GNRV 2									
1D	DD44D73b1-	D6 MaJ D0DD	paJ time	1	5D1	b	400b500	b	yass

Measurement by : 8essadin Kongsukdithai yersonnel of ALS LaPoratorJ Grou9 (Thailand) Co., Ltd.

Guideline : Notification of pe9artment of LaPour yrotection and Welfare, B.E.D560 (D017) dated NovemPer D7, B.E.D560 (D017), and 9uPlished in the RoJal Government Gazette, Vol.135, yart 32p dated FePruarJ D1 B.E.D561 (D01-)

Technical Management

Su9ot Salamteh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Gulf NRV1 Co., Ltd.
456 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima 30000
P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244274

date Received : 8un 02, D0DD
date Re9orted : 8un 14, D0DD
Re9ort Number : D332521-1

Page 1 of D

Lay of t Nog	Re3erence Nf muer	b easf rement Date	b easf rement Time	dpt /Area Nog	Ilf minance Mf (x dpt ASerave	) f iGeline Limit dpt/b in ASerave	Comment
Area . - orV6kop : hst Floor : Copy Room							
1.1	DD44Dy4-1	D6 Ma7 D0DD	pa7 time	1	43y	413.5	150 300 Pass
1.D	DD44Dy4-D	D6 Ma7 D0DD	pa7 time	D	320		
Area . - orV6kop : hst Floor : b eetinv Room							
4.1	DD44Dy4-3	D6 Ma7 D0DD	pa7 time	1	310	332.3	150 300 Pass
4.D	DD44Dy4-4	D6 Ma7 D0DD	pa7 time	D	3yS		
4.3	DD44Dy4-5	D6 Ma7 D0DD	pa7 time	3	330		
Area . - orV6kop : hst Floor : b en Toilet							
5.1	DD44Dy4-6	D6 Ma7 D0DD	pa7 time	1	4S1	453.0	50 100 Pass
5.D	DD44Dy4-y	D6 Ma7 D0DD	pa7 time	D	4D5		
Area . - orV6kop : hst Floor : - omen Toilet							
6.1	DD44Dy4-S	D6 Ma7 D0DD	pa7 time	1	33D	D24.0	50 100 Pass
6.D	DD44Dy4-2	D6 Ma7 D0DD	pa7 time	D	D56		
dpt . - orV6kop : hst Floor : C&I โต๊ะทำงาน h Menvineer hx) NRV h							
y	DD44Dy4-10	D6 Ma7 D0DD	pa7 time	1	410	-	400-500 - Pass
dpt . - orV6kop : hst Floor : C&I โต๊ะทำงาน 2 Menvineer 2x) NRV h							
S	DD44Dy4-11	D6 Ma7 D0DD	pa7 time	1	4S6	-	400-500 - Pass
dpt . - orV6kop : hst Floor : C&I โต๊ะทำงาน 1 MleaGerx) NRV 2							
2	DD44Dy4-1D	D6 Ma7 D0DD	pa7 time	1	565	-	400-500 - Pass
dpt . - orV6kop : hst Floor : C&I โต๊ะทำงาน 4 Menvineer hx) NRV 2							
10	DD44Dy4-13	D6 Ma7 D0DD	pa7 time	1	53y	-	400-500 - Pass
dpt . - orV6kop : hst Floor : Electrical โต๊ะทำงาน h MleaGerx) NRV 2							
11	DD44Dy4-14	D6 Ma7 D0DD	pa7 time	1	632	-	400-500 - Pass
dpt . - orV6kop : hst Floor : Electrical โต๊ะทำงาน 2 Menvineer hx) NRV h							
1D	DD44Dy4-15	D6 Ma7 D0DD	pa7 time	1	5yS	-	400-500 - Pass
dpt . - orV6kop : hst Floor : Electrical โต๊ะทำงาน 1 Menvineer hx) NRV 2							
13	DD44Dy4-16	D6 Ma7 D0DD	pa7 time	1	4y5	-	400-500 - Pass
dpt . - orV6kop : hst Floor : Electrical โต๊ะทำงาน 4 Menvineer 2x) NRV 2							
14	DD44Dy4-1y	D6 Ma7 D0DD	pa7 time	1	4S5	-	400-500 - Pass
dpt . - orV6kop : hst Floor : b eckanical โต๊ะทำงาน h MleaGerx) NRV h							
15	DD44Dy4-1S	D6 Ma7 D0DD	pa7 time	1	445	-	400-500 - Pass
dpt . - orV6kop : hst Floor : b eckanical โต๊ะทำงาน 2 Menvineer hx) NRV 2							
16	DD44Dy4-12	D6 Ma7 D0DD	pa7 time	1	4y5	-	400-500 - Pass

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Wichan Choonharat

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Assistant Manager

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P/O : สัญญาเลขที่4600001546
Project Name : Monitoring EIA
Project Location : GNRV1

Lot ID: 2244274

date Received : 8un 02, D0DD
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Re9ort Number : D332521-1

Page D of D

Lay of t Nog	Re3erence Nf muer	b easf rement Date	b easf rement Time	dpt /Area Nog	Illf minance Mlf (x dpt ASerave) f iGeline Limit dpt/b in ASerave	Comment		
1y	dpot . - orWskop : hst Floor : b eckanical โต๊ะทำงาน 1 Envineer hx) NRV h DD44Dy4-D0	D6 Ma7 D0DD	pa7 time	1	43S	-	400-500	-	Pass
1S	dpot . - orWskop : hst Floor : b eckanical โต๊ะทำงาน 4 Envineer 2x) NRV 2 DD44Dy4-D1	D6 Ma7 D0DD	pa7 time	1	416	-	400-500	-	Pass
12	dpot . - orWskop : hst Floor : b iaintenance b anaver DD44Dy4-DD	D6 Ma7 D0DD	pa7 time	1	4SD	-	400-500	-	Pass

b easf rement uy : 8essadin Kongsukdithai Personnel of ALH Laborator7 Grou9)ThailandwCo., Ltd.

) f iGeline : Notification of pe9artment of Labour Protection and z elfare, B.E.D560)D01ywdated November Dy, B.E.D560)D01yw and 9ublished in the Ro7al Government Ga/ette, Vol.135, Part 32p dated Februar7 D1 B.E.D561)D01Sw

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z ichan Choonharat
Assistant Manager

The above results are valid onl7 for the anal7/ed(tested sam9le)swas indicated in this re9ort. No 9art of this re9ort or certificate ma7 be re9roduced in an7 from x ithout x ritten consent from the Laborator7. ALH Laborator7 Grou9)Thailandwstrongl7 recommends that this re9ort is not re9roduced e\ce9t in full.

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