

# ภาคผนวก ค

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ใบรับรองผลการตรวจวิเคราะห์

# ภาคผนวก ค-1

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คุณภาพอากาศจากปล่องระบาย



## Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
P/O : สัญญาเลขที่4600001547  
Project Name : Monitoring EIA  
Project Location : GNRV2

Lot ID: 2244531  
Date Received : May 27, 2022  
Date Reported : Jun 06, 2022  
Report Number : 2284058-1

Page 1 of 1

Sample Number 2244531-1  
Sample Description Emission from Stationary Source  
Location HRSG 21  
Measurement Date May 26, 2022

### Stack Description

Ambient Temperature	31 °C	Diameter	3.35 m	Oxygen	14.67 %
Ambient Pressure	756 mmHg	Shape	Circle	Carbon dioxide	4.04 %
Type of Process	Combustion	Stack Temperature	114 °C	Gas Velocity	14.41 m/s
Type of Fuel	Natural Gas	Moisture	9.50 %	Flow Rate	317134 Nm3/hr

Run No.	Sampling Time	Oxygen (%)	Carbon Dioxide (%)	Oxides of Nitrogen (ppm)		Sulfur Dioxide (ppm)	
				at Actual O <sub>2</sub>	at 7% O <sub>2</sub>	at Actual O <sub>2</sub>	at 7% O <sub>2</sub>
1	10:15 AM - 10:35 AM	14.68	4.03	23.45	52.41	0.10	0.22
2	10:36 AM - 10:56 AM	14.66	4.06	25.02	55.71	0.12	0.27
3	10:57 AM - 11:17 AM	14.67	4.04	24.31	54.26	0.14	0.31
Average (ppm)		14.67	4.04	24.26	54.13	0.12	0.27
Guideline <sup>1/</sup> (ppm)				-	60	-	6
Guideline <sup>2/</sup> (ppm)				-	120	-	20
Result (mg/m <sup>3</sup> )				45.64	101.84	0.31	0.70
Emission Rate at Actual O <sub>2</sub> (g/s)				4.0209		0.0275	
Guideline <sup>1/</sup> (g/s)				7.4		1.0	
Method				US EPA Method 7E		US EPA Method 6C	

Sampled By : Navaphut Sriviriya

Guideline : <sup>1/</sup> Environmental Impact Assessment Report of Gulf NRV2 Co., Ltd.

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

Technical Management

Wichan Choonharat  
Manager

ทะเบียนเลขที่ ว-204-ค-6113

Approved by

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

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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่ 4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244541**

Date Received : May 27, 2022

Date Reported : Jun 06, 2022

Report Number: 2284142-1

Page 1 of 2

**Sample Number** 2244541-1  
**Sampled Date** May 26, 2022  
**Sample Description** Emission from Stationary Source  
**Location** HRSG 21  
**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	14.7	%
Ambient Temperature	31.0	°C	Shape	Circle		Carbon Dioxide	4.0	%
Type of Process	Combustion		Stack Temperature	114	°C	Gas Velocity	14.4	m/s
Type of Fuel	Natural Gas		Moisture	9.59	%	Flow Rate (Actual O2)	316461	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O <sub>2</sub>	Result at 14.7 % O <sub>2</sub>	Guideline (1)	Guideline (2)	Method	Testing Location
<b>Air Testing</b>										
Total Suspended Particulate	10:15 AM - 11:03 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 NRV2 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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่ 4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244541**

Date Received : May 27, 2022  
Date Reported : Jun 06, 2022  
Report Number: 2284142-1

Page 2 of 2

**Sample Number** 2244541-1  
**Sampled Date** May 26, 2022  
**Sample Description** Emission from Stationary Source  
**Location** HRSG 21  
**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	14.7	%
Ambient Temperature	31.0	°C	Shape	Circle		Carbon Dioxide	4.0	%
Type of Process	Combustion		Stack Temperature	114	°C	Gas Velocity	14.4	m/s
Type of Fuel	Natural Gas		Moisture	9.59	%	Flow Rate (Actual O2)	316461	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
<b>Air Testing</b>									
Total Suspended Particulate *	10:15 AM - 11:03 AM	g/s	-	-	<0.04	1.7	-	Calculated	Bangkok

### Guideline :

Guideline (1) Environmental Impact Assessment Report of Gulf NRV2 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 :** Phiyanat 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.*  
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Approved by

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Kanokkorn Anek  
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S:\Reports\\_Air Stack\_O2\_2GL.rpt (12:32PM)



## Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
P/O : สัญญาเลขที่ 4600001547  
Project Name : Monitoring EIA  
Project Location : GNRV2

Lot ID: 2244532  
Date Received : May 27, 2022  
Date Reported : Jun 06, 2022  
Report Number : 2284066-1

Page 1 of 1

Sample Number 2244532-1  
Sample Description Emission from Stationary Source  
Location HRSG 22  
Measurement Date May 26, 2022

### Stack Description

Ambient Temperature	32 °C	Diameter	3.35 m	Oxygen	14.54 %
Ambient Pressure	756 mmHg	Shape	Circle	Carbon dioxide	4.12 %
Type of Process	Combustion	Stack Temperature	115 °C	Gas Velocity	14.46 m/s
Type of Fuel	Natural Gas	Moisture	7.99 %	Flow Rate	322879 Nm3/hr

Run No.	Sampling Time	Oxygen (%)	Carbon Dioxide (%)	Oxides of Nitrogen (ppm)		Sulfur Dioxide (ppm)	
				at Actual O <sub>2</sub>	at 7% O <sub>2</sub>	at Actual O <sub>2</sub>	at 7% O <sub>2</sub>
1	12:05 PM - 12:25 PM	14.48	4.15	21.87	47.33	0.15	0.32
2	12:26 PM - 12:46 PM	14.54	4.12	18.91	41.29	0.18	0.38
3	12:47 PM - 01:07 PM	14.59	4.08	16.34	36.01	0.20	0.44
Average (ppm)		14.54	4.12	19.04	41.54	0.18	0.38
Guideline <sup>1/</sup> (ppm)				-	60	-	6
Guideline <sup>2/</sup> (ppm)				-	120	-	20
Result (mg/m <sup>3</sup> )				35.82	78.16	0.46	1.00
Emission Rate at Actual O <sub>2</sub> (g/s)				3.2123		0.0412	
Guideline <sup>1/</sup> (g/s)				7.4		1.0	
Method				US EPA Method 7E		US EPA Method 6C	

Sampled By : Navaphut Sriviriya

Guideline : <sup>1/</sup> Environmental Impact Assessment Report of Gulf NRV2 Co., Ltd.

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

Technical Management

Wichan Choonharat  
Manager

ทะเบียนเลขที่ ว-204-ค-6113

Approved by

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

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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่ 4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244545**

Date Received : May 27, 2022  
Date Reported : Jun 06, 2022  
Report Number: 2284152-1

Page 1 of 2

**1amSle Npmuer** 2244545-1  
**1amSle Date** May 26, 2022  
**1amSle DedcriStion** Emission from Stationary Source  
**Location** HRSG 22  
**Date s naAdid Commenceb** May 28, 2022  
**Conbition oy 1amSle** Extracted into one filter paper placed in plastic petri dish and one amber plastic bottle

### 1tacf DedcriStion

Ambient Pressure	756	mmHg	Diameter	3.35	m	Oxygen	14.5	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	4.1	%
Type of Process	Combustion		Stack Temperature	115	°C	Gas Velocity	14.4	m/s
Type of Fuel	Natural Gas		Moisture	8.11	%	Flow Rate (Actual O2)	322136	Nm3/hr

s naAte	1amSle kime	Unit	LOD	LOQ g/L	%edplt at T 7 O <sub>2</sub>	%edplt at (4.5 7 O <sub>2</sub>	Rpibeline (g)	Rpibeline (g)	Methob	kedting Location
<b>s ir kedting</b>										
Total Suspended Particulate	12:05 PM - 12:53 PM	mg/m3	-	0.5	<0.5	<0.5	28	60	US EPA, Method 5	Bangkok

### Rpibeline :

Guideline (1) Environmental Impact Assessment Report of Gulf NRV2 Co., Ltd.  
Guideline (2) Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.

Technical Management

*Saranya C.*  
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*Kanok Korn Anek*  
Kanokkorn Anek  
Senior Manager  
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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่ 4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244545**

Date Received : May 27, 2022  
Date Reported : Jun 06, 2022  
Report Number: 2284152-1

Page 2 of 2

**1amSle Npmuer** 2244545-1  
**1amSle Date** May 26, 2022  
**1amSle DedcriStion** Emission from Stationary Source  
**Location** HRSG 22  
**Date s naAdid Commenceb** May 28, 2022  
**Conbition oy 1amSle** Extracted into one filter paper placed in plastic petri dish and one amber plastic bottle

### 1tacf DedcriStion

Ambient Pressure	756	mmHg	Diameter	3.35	m	Oxygen	14.5	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	4.1	%
Type of Process	Combustion		Stack Temperature	115	°C	Gas Velocity	14.4	m/s
Type of Fuel	Natural Gas		Moisture	8.11	%	Flow Rate (Actual O2)	322136	Nm3/hr

s naAte	1amSle kime	Unit	LOD	LOQ GLO%	%edplt Emiddion %ate	Rpibeline G()	Rpibeline G2)	Methob	kedting Location
<b>s ir kedting</b>									
Total Suspended Particulate *	12:05 PM - 12:53 PM	g/s	-	-	<0.04	1.7	-	Calculated	Bangkok

### Rpibeline :

Guideline (1) Environmental Impact Assessment Report of Gulf NRV2 Co., Ltd.  
Guideline (2) Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.

**1amSleB BA :** Phiyanat 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)  
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SSroveb uA

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

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# ภาคผนวก ค-2

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คุณภาพอากาศในบรรยากาศ



## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244221**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Number : 2338789-1C11

Page 1 of 1

<b>Sample Number</b>	2244221-1
<b>Sample Description</b>	Air Quality
<b>Location</b>	โรงเรียนบ้านหนองดาง (GPS 48P 0194367, 1654799)
<b>Date Analysis Commenced</b>	Jun 04, 2022
<b>Condition of Sample</b>	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
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
<b>Guideline</b>		0.33	0.12	-	-

### Reference Method

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

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

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

**Sampled By :** Sangtawan Natasat

Approved by

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)

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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244221**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Number : 2338790-1C11

Page 1 of 1

<b>Sample Number</b>	2244221-8
<b>Sample Description</b>	Air Quality
<b>Location</b>	โรงเรียนบ้านนาบมะค่า (GPS 48P 0197463, 1653650)
<b>Date Analysis Commenced</b>	Jun 04, 2022
<b>Condition of Sample</b>	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
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
<b>Guideline</b>		0.33	0.12	-	-

### Reference Method

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

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

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

**Sampled By :** Sangtawan Natasat

Approved by

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)

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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244221**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Number : 2338792-1C11

Page 1 of 1

<b>Sample Number</b>	2244221-1Q
<b>Sample Description</b>	Air ( quality
<b>Location</b>	โรงพยาบาลส่งเสริมสุขภาพตำบลหนองปลิง SGP5 48P 0193362, 16Q0626)
<b>Date Analysis Commenced</b>	Jun 04, 2022
<b>Condition of Sample</b>	Drawn into one glass filter paper S8x10 inch) placed in plastic bag and one quartz filter paper S8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Total Suspended Particulate Sng/m3)	Particulate Matter SPM-10) Sng/m3)	Barometric Pressure Smm Hg)	Atmospheric Temperature S°C)
2244221-1Q	May 23 - May 24, 2022	0.0Q6	0.022	743	33
2244221-16	May 24 - May 2Q 2022	0.041	0.019	743	33
2244221-17	May 2Q - May 26, 2022	0.043	0.020	743	32
2244221-18	May 26 - May 27, 2022	0.0Q2	0.023	743	33
2244221-19	May 27 - May 28, 2022	0.0Q4	0.02Q	743	3Q
2244221-20	May 28 - May 29, 2022	0.073	0.042	743	34
2244221-21	May 29 - May 30, 2022	0.06Q	0.037	743	34
<b>Guideline</b>		0.33	0.12	-	-

### Reference Method

Total Suspended Particulate : U5 EPA 40 CFR Part Q0 Appendix B

Particulate Metter SPM-10) : U5 EPA 40 CFR Part Q0 Appendix J

**Guideline :** Notification of the National Environmental Board. No.24, 2004 SB.E.2Q47) dated September 22, 2004

**Sampled By :** Sangtawan Natasat

Approved by

Saranya C.

Saranya Chalermthamrong  
Scientist S4)

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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244221**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report NumPer : 233879b-1C11

Page 1 of 1

<b>Sample Number</b>	2244221-22
<b>Sample Description</b>	Air ( quality
<b>Location</b>	วัดใหม่หนองบอน SQ5 48Q 0197228, 16479b7)
<b>Date Analysis Commenced</b>	Jun 04, 2022
<b>Condition of Sample</b>	Drawn into one glass filter paper 58x10 inch) placed in plastic Bag and one quartz filter paper 58x10 inch) placed in plastic Bag

Sample NumPer	Sampled Date	Total Suspended Particulate 5mg/m3)	Particulate Matter SQM-10) 5mg/m3)	Barometric Pressure 5mm Hg)	Atmospheric Temperature 5°C)
2244221-22	May 23 - May 24, 2022	0.0b1	0.021	743	33
2244221-23	May 24 - May 2b, 2022	0.044	0.016	743	33
2244221-24	May 2b - May 26, 2022	0.049	0.019	743	32
2244221-2b	May 26 - May 27, 2022	0.0b7	0.029	743	33
2244221-26	May 27 - May 28, 2022	0.069	0.033	743	3b
2244221-27	May 28 - May 29, 2022	0.080	0.041	743	34
2244221-28	May 29 - May 30, 2022	0.077	0.03b	743	34
<b>Guideline</b>		0.33	0.12	-	-

### Reference Method

Total Suspended Particulate : U5 EQA 40 CFR Part b0 Appendix B

Particulate Matter SQM-10) : U5 EQA 40 CFR Part b0 Appendix J

**Guideline :** Notification of the National Environmental Board. No.24, 2004 B.E.2b47) dated September 22, 2004

**Sampled By :** Sangtawan Natasat

Approved by

Saranya C.

Saranya Chalermthamrong  
Scientist S4)

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244216**

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number: 2283401-1C11

Page 1 of 1

**Sample Description** Air Quality  
**Location** โรงเรียนบ้านหนองตาตอง (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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244216**

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number: 233P611-1C11

Page 1 of 1

<b>Sample Description</b>	Air ( uality						
<b>Location</b>	โรงเรียนบ้านมาบมะค่า SQ5 48Q 0197463, 16P36P0)						
<b>Parameter</b>	Nitrogen dioxide Sppm)						
<b>Measurement Date</b>	May 23, 2022 - May 30, 2022						
<b>Measurement by</b>	Sangtawan Natasat						
Time	2244216-8 May 23, 2022	2244216-9 May 24, 2022	2244216-10 May 2P, 2022	2244216-11 May 26, 2022	2244216-12 May 27, 2022	2244216-13 May 28, 2022	2244216-14 May 29, 2022
12:00 QM - 01:00 QM	<0.001	0.004	0.00P	0.003	0.004	0.003	0.002
01:00 QM - 02:00 QM	<0.001	0.00P	0.004	0.003	0.00P	0.004	0.002
02:00 QM - 03:00 QM	<0.001	0.004	0.004	0.003	0.00P	0.004	0.003
03:00 QM - 04:00 QM	<0.001	0.003	0.00P	0.002	0.003	0.003	0.002
04:00 QM - 0P:00 QM	<0.001	0.003	0.004	0.002	0.002	0.002	0.003
0P:00 QM - 06:00 QM	<0.001	0.004	0.003	0.002	0.002	0.002	0.003
06:00 QM - 07:00 QM	<0.001	0.003	0.002	0.002	0.001	0.002	0.003
07:00 QM - 08:00 QM	<0.001	0.004	0.002	0.002	0.002	0.003	0.002
08:00 QM - 09:00 QM	<0.001	0.004	0.002	0.001	0.002	0.002	0.003
09:00 QM - 10:00 QM	<0.001	0.003	0.002	0.002	0.002	0.003	0.002
10:00 QM - 11:00 QM	<0.001	0.003	0.001	0.002	0.002	0.002	0.003
11:00 QM - 12:00 AM	<0.001	0.003	0.002	0.003	0.003	0.003	0.002
12:00 AM - 01:00 AM	0.001	0.003	0.001	0.002	0.003	0.002	0.002
01:00 AM - 02:00 AM	0.001	0.002	0.001	0.001	0.002	0.002	0.001
02:00 AM - 03:00 AM	<0.001	0.002	<0.001	<0.001	0.002	0.001	0.001
03:00 AM - 04:00 AM	<0.001	0.002	0.001	<0.001	0.001	<0.001	0.001
04:00 AM - 0P:00 AM	<0.001	0.001	0.001	0.004	0.006	0.008	0.002
0P: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	0.00P	0.001	0.001	0.001	0.002
07:00 AM - 08:00 AM	<0.001	<0.001	0.001	0.002	0.001	0.002	0.002
08:00 AM - 09:00 AM	0.001	0.002	0.002	0.002	0.001	0.002	0.002
09:00 AM - 10:00 AM	0.002	0.003	0.002	0.002	0.002	0.002	0.002
10:00 AM - 11:00 AM	0.002	0.004	0.002	0.002	0.002	0.003	0.002
11:00 AM - 12:00 QM	0.003	0.00P	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 - Maximum	0.003	0.00P	0.00P	0.004	0.006	0.008	0.003
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 SB.E. 2PP2).

Reference Method : U5 EQAMethod Qart P0 App. F Schemiluminescence)

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244216**

Date Received : May 31, 2022  
Date Reported : Jun 07, 2022  
Report Number: 233P613-1C11

Page 1 of 1

<b>Sample Description</b>	Air ( uality						
<b>Location</b>	โรงพยาบาลส่งเสริมสุขภาพตำบลหนองปลิง SGQ5 48Q0193362, 16P0626)						
<b>Parameter</b>	Nitrogen dioxide Sppm)						
<b>Measurement Date</b>	May 23, 2022 - May 30, 2022						
<b>Measurement by</b>	Sangtawan Natasat						
Time	2244216-1P May 23, 2022	2244216-16 May 24, 2022	2244216-17 May 2P, 2022	2244216-18 May 26, 2022	2244216-19 May 27, 2022	2244216-20 May 28, 2022	2244216-21 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 QM	0.001	<0.001	0.004	0.001	0.002	<0.001	<0.001
12:00 QM - 01:00 QM	0.001	<0.001	<0.001	0.001	0.001	0.001	<0.001
01:00 QM - 02:00 QM	0.002	<0.001	0.001	0.001	0.001	0.002	<0.001
02:00 QM - 03:00 QM	0.002	<0.001	0.001	0.002	0.001	0.002	0.002
03:00 QM - 04:00 QM	0.002	<0.001	0.002	0.002	0.002	0.003	0.001
04:00 QM - 0P:00 QM	0.004	<0.001	0.002	0.003	0.002	0.003	0.004
0P:00 QM - 06:00 QM	0.004	0.001	0.002	0.004	0.003	0.003	0.004
06:00 QM - 07:00 QM	0.00P	0.001	0.003	0.003	0.002	0.001	0.002
07:00 QM - 08:00 QM	0.002	0.002	0.002	0.003	0.001	0.001	0.001
08:00 QM - 09:00 QM	0.002	0.002	0.001	0.002	<0.001	0.001	0.002
09:00 QM - 10:00 QM	0.002	0.004	0.001	0.001	<0.001	0.001	0.001
10:00 QM - 11:00 QM	<0.001	0.002	0.002	0.001	0.002	0.002	0.001
11:00 QM - 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 - 0P:00 AM	0.004	<0.001	0.002	0.003	0.002	0.002	0.003
0P: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 - Maximum	0.00P	0.004	0.004	0.004	0.003	0.003	0.009
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 SB.E. 2PP2).  
Reference Method : U5 EQAMethod Qart P0 App. F Schemiluminescence)

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244216**

Date Received : May 31, 2022  
Date Reported : Jun 07, 2022  
Report Number: 233P616-1C11

Page 1 of 1

<b>Sample Description</b>	Air ( quality						
<b>Location</b>	วัดใหม่หนองบอน SGQ5 48Q 0197228, 16479P7)						
<b>Parameter</b>	Nitrogen dioxide Sppm)						
<b>Measurement Date</b>	May 23, 2022 - May 30, 2022						
<b>Measurement by</b>	Sangtawan Natasat						
Time	2244216-22 May 23, 2022	2244216-23 May 24, 2022	2244216-24 May 25, 2022	2244216-2P May 26, 2022	2244216-26 May 27, 2022	2244216-27 May 28, 2022	2244216-28 May 29, 2022
11:00 AM - 12:00 QM	0.001	<0.001	0.003	0.002	0.003	0.003	0.004
12:00 QM - 01:00 QM	0.001	<0.001	0.003	0.003	0.003	0.003	0.006
01:00 QM - 02:00 QM	0.001	<0.001	0.004	0.003	0.003	0.004	0.00P
02:00 QM - 03:00 QM	<0.001	<0.001	0.004	0.004	0.003	0.003	0.004
03:00 QM - 04:00 QM	<0.001	<0.001	0.004	0.003	0.002	0.002	0.003
04:00 QM - 0P:00 QM	0.003	0.001	0.003	0.002	0.002	0.002	0.00P
0P:00 QM - 06:00 QM	0.002	0.001	0.003	0.002	0.001	0.002	0.002
06:00 QM - 07:00 QM	0.001	0.001	0.002	0.002	0.002	0.002	0.002
07:00 QM - 08:00 QM	0.001	<0.001	0.002	0.002	0.002	0.002	0.002
08:00 QM - 09:00 QM	<0.001	<0.001	0.002	0.002	0.002	0.002	0.004
09:00 QM - 10:00 QM	<0.001	<0.001	0.001	0.010	0.002	0.002	0.003
10:00 QM - 11:00 QM	<0.001	0.001	0.001	0.002	0.002	0.002	0.003
11:00 QM - 12:00 AM	<0.001	0.002	0.003	0.003	0.002	0.002	0.004
12:00 AM - 01:00 AM	<0.001	0.002	0.002	0.003	0.002	0.003	0.004
01:00 AM - 02:00 AM	<0.001	0.002	0.003	0.003	0.003	0.004	0.003
02:00 AM - 03:00 AM	<0.001	0.00P	0.00P	0.004	0.004	0.006	0.003
03:00 AM - 04:00 AM	<0.001	0.00P	0.00P	0.004	0.006	0.004	0.003
04:00 AM - 0P:00 AM	0.001	0.006	0.006	0.00P	0.00P	0.003	0.003
0P:00 AM - 06:00 AM	0.001	0.00P	0.006	0.006	0.004	0.003	0.003
06:00 AM - 07:00 AM	0.001	0.003	0.006	0.00P	0.003	0.003	0.003
07:00 AM - 08:00 AM	0.002	0.003	0.00P	0.00P	0.002	0.003	0.003
08:00 AM - 09:00 AM	<0.001	0.003	0.003	0.004	0.003	0.003	0.003
09:00 AM - 10:00 AM	<0.001	0.003	0.003	0.003	0.003	0.003	0.003
10:00 AM - 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 - Maximum	0.003	0.006	0.006	0.010	0.006	0.006	0.006
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 SB.E. 2PP2).  
Reference Method : U5 EQAMethod Qart P0 App. F Schemiluminescence)

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244218**

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number: 2283405-1C11

Page 1 of 1

**Sample Description** Air Quality  
**Location** โรงเรียนบ้านหนองตาตง (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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Approved by

Saranya C.

Saranya Chalermthamrong  
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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244218**

Date Received : May 31, 2022  
Date Reported : Jun 07, 2022  
Report Number: 2335737-1C11

Page 1 of 1

<b>Sample Description</b>	Air Quality						
<b>Location</b>	โรงเรียนบ้านมาบะคำ (GPS 48P 0197463, 1653650)						
<b>Parameter</b>	Sulfur Dioxide (ppm)						
<b>Measurement Date</b>	May 23, 2022 - May 30, 2022						
<b>Measurement by</b>	Sangtawan Natasat						
	2244218-8	2244218-9	2244218-10	2244218-11	2244218-12	2244218-13	2244218-14
Time	May 23, 2022	May 24, 2022	May 25, 2022	May 26, 2022	May 27, 2022	May 28, 2022	May 29, 2022
12:00 PM - 01:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
01:00 PM - 02:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
02:00 PM - 03:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
03:00 PM - 04:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04:00 PM - 05:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
05:00 PM - 06:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
06:00 PM - 07:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
07:00 PM - 08:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08:00 PM - 09:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
09:00 PM - 10:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10:00 PM - 11:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11:00 PM - 12:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12:00 AM - 01:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
01:00 AM - 02:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
02:00 AM - 03:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
03:00 AM - 04:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04:00 AM - 05:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
05:00 AM - 06:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
06:00 AM - 07:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
07:00 AM - 08:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08:00 AM - 09:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
09:00 AM - 10:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10:00 AM - 11:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11:00 AM - 12:00 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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Approved by

Saranya C.

Saranya Chalermthamrong  
Scientist (4)



## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244218**

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number: 2335738-1C11

Page 1 of 1

<b>Sample Description</b>	Air Quality						
<b>Location</b>	โรงพยาบาลส่งเสริมสุขภาพตำบลหนองปลิง (GPS 48P 0193362, 1650626)						
<b>Parameter</b>	Sulfur Dioxide (ppm)						
<b>Measurement Date</b>	May 23, 2022 - May 30, 2022						
<b>Measurement by</b>	Sangtawan Natasat						
	2244218-15	2244218-16	2244218-17	2244218-18	2244218-19	2244218-20	2244218-21
Time	May 23, 2022	May 24, 2022	May 25, 2022	May 26, 2022	May 27, 2022	May 28, 2022	May 29, 2022
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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244218**

Date Received : May 31, 2022  
Date Reported : Jun 07, 2022  
Report Number: 2335739-1C11

Page 1 of 1

<b>Sample Description</b>	Air Quality						
<b>Location</b>	วัดใหม่หนองบอน (GPS 48P 0197228, 1647957)						
<b>Parameter</b>	Sulfur Dioxide (ppm)						
<b>Measurement Date</b>	May 23, 2022 - May 30, 2022						
<b>Measurement by</b>	Sangtawan Natasat						
	2244218-22	2244218-23	2244218-24	2244218-25	2244218-26	2244218-27	2244218-28
Time	May 23, 2022	May 24, 2022	May 25, 2022	May 26, 2022	May 27, 2022	May 28, 2022	May 29, 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 - 08:00 PM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
08:00 PM - 09:00 PM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
09:00 PM - 10:00 PM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
10:00 PM - 11:00 PM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
11:00 PM - 12:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
12:00 AM - 01:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
01:00 AM - 02:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
02:00 AM - 03:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
03:00 AM - 04:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
04:00 AM - 05:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
05:00 AM - 06:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
06:00 AM - 07:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
07:00 AM - 08:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
08:00 AM - 09:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
09:00 AM - 10:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
10:00 AM - 11:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Average	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1hr - Maximum	0.001	0.001	0.001	0.001	0.001	0.002	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, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).  
Reference Method : US EPA Method Part 53 and 58

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Approved by

*Saranya C.*

Saranya Chalermthamrong  
Scientist (4)



## Analysis / Test Report

**Client** : Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID:** 2244220  
**Date Received** : May 31, 2022  
**Date Reported** : Jun 06, 2022  
**Report Number** : 2331510-1 C11

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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่ 4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID** : 2244224  
**Date Received** : May 31, 2022  
**Date Reported** : Jun 09, 2022  
**Report Number** : 2283411-1 C11

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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่ 4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID** : 2244224  
**Date Received** : May 31, 2022  
**Date Reported** : Jun 09, 2022  
**Report Number** : 2283411-1 C11

Page 2 of 2

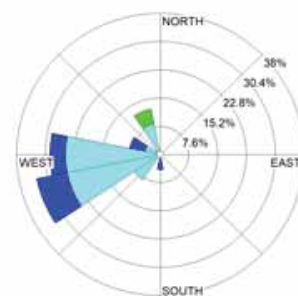
### Wind Rose



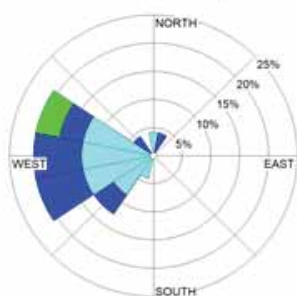
**Date : May 23-24, 2022**



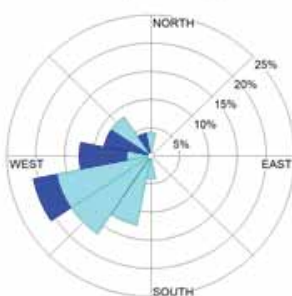
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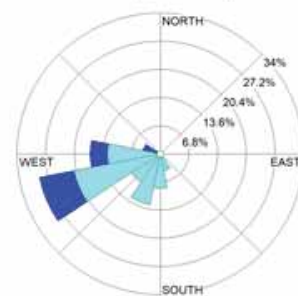
**Date : May 25-26, 2022**



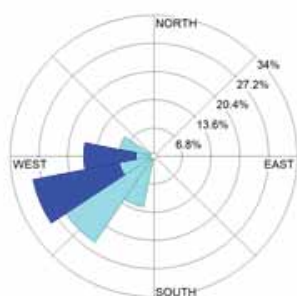
**Date : May 26-27, 2022**



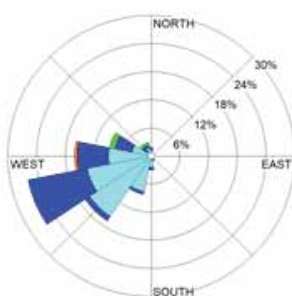
**Date : May 27-28, 2022**



**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

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Approved by

Sarayuth Jitranont  
Assistant General Manager





## Analysis / Test Report

**Client** : Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่ 4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID** : 2244224  
**Date Received** : May 31, 2022  
**Date Reported** : Jun 09, 2022  
**Report Number** : 2283411-1 C11

Page 1 of 2

**Sample Number** : 2244224-8 to 14  
**Parameter** : Wind Speed / Wind Direction  
**Location** : โรงเรียนบ้านมาบมะค่า (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 Jittrantont  
Assistant General Manager



## Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID : 2244224

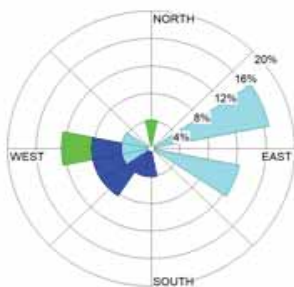
Date Received : May 31, 2022

Date Reported : Jun 09, 2022

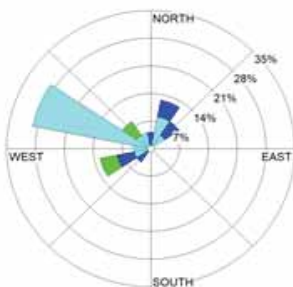
Report Number : 2283411-1 C11

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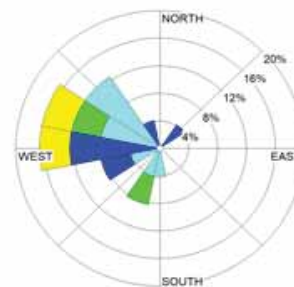
### Wind Rose



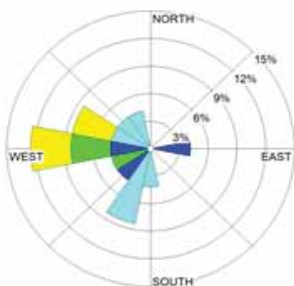
Date : May 23-24, 2022



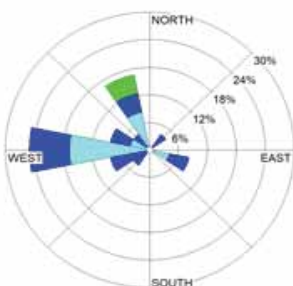
Date : May 24-25, 2022



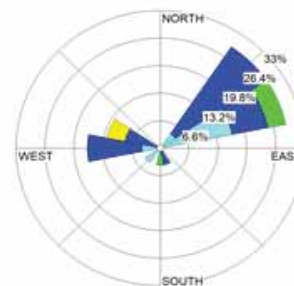
Date : May 25-26, 2022



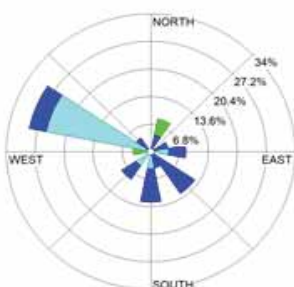
Date : May 26-27, 2022



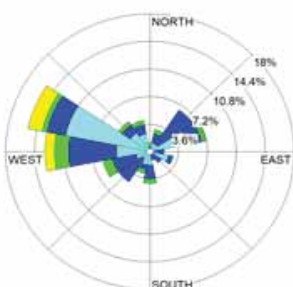
Date : May 27-28, 2022



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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่ 4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID** : 2244224  
**Date Received** : May 31, 2022  
**Date Reported** : Jun 09, 2022  
**Report Number** : 2283411-1 C11

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

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID : 2244224

Date Received : May 31, 2022

Date Reported : Jun 09, 2022

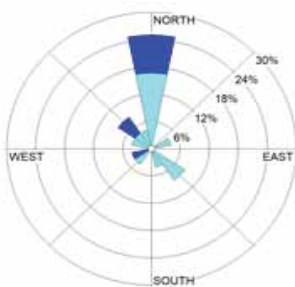
Report Number : 2283411-1 C11

Page 2 of 2

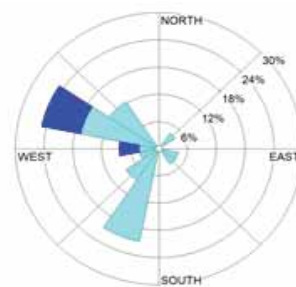
### Wind Rose



Date : May 23-24, 2022



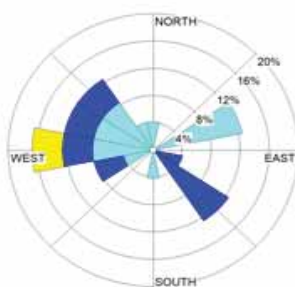
Date : May 24-25, 2022



Date : May 25-26, 2022



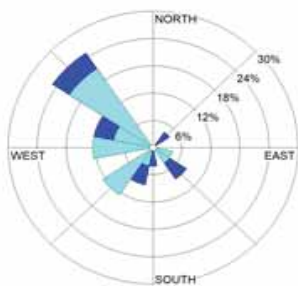
Date : May 26-27, 2022



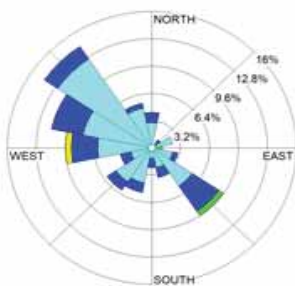
Date : May 27-28, 2022



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	0.00
	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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Approved by

Sarayuth Jitranont  
Assistant General Manager



## Analysis / Test Report

**Client** : Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่ 4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID** : 2244224  
**Date Received** : May 31, 2022  
**Date Reported** : Jun 09, 2022  
**Report Number** : 2283411-1 C11

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

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Sarayuth Jittrantont  
Assistant General Manager





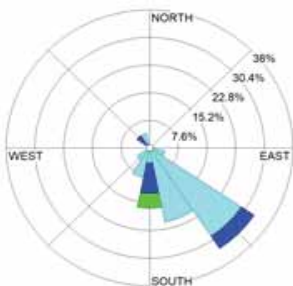
## Analysis / Test Report

**Client** : Gulf NRV2 Co., Ltd.  
 789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่ 4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

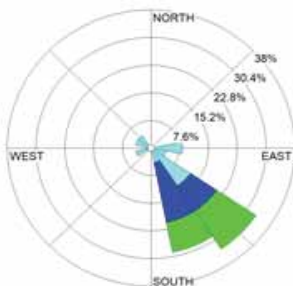
**Lot ID** : 2244224  
**Date Received** : May 31, 2022  
**Date Reported** : Jun 09, 2022  
**Report Number** : 2283411-1 C11

Page 2 of 2

### Wind Rose



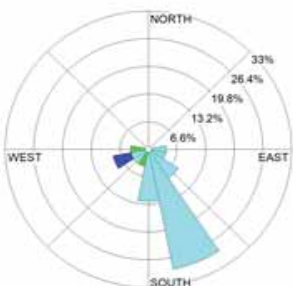
**Date : May 23-24, 2022**



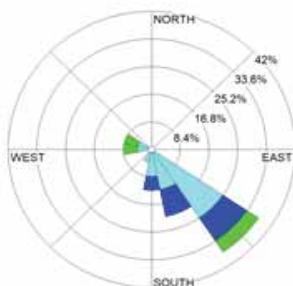
**Date : May 24-25, 2022**



**Date : May 25-26, 2022**



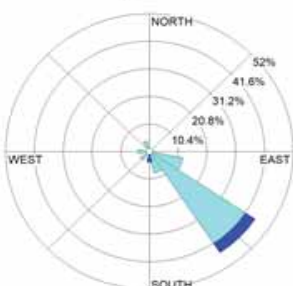
**Date : May 26-27, 2022**



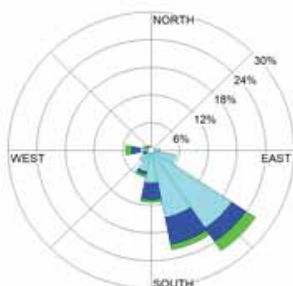
**Date : May 27-28, 2022**



**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	0.00
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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Approved by

Sarayuth Jitranont  
 Assistant General Manager



## Analysis / Test Report

**Client** : Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID:** 2244220  
**Date Received** : May 31, 2022  
**Date Reported** : Jun 06, 2022  
**Report Number** : 2331517-1 C11

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244220

Date Received : May 31, 2022

Date Reported : Jun 06, 2022

Report Number : 2331513-1 C11

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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID:** 2244220  
**Date Received** : May 31, 2022  
**Date Reported** : Jun 06, 2022  
**Report Number** : 2331512-1 C11

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

# ภาคผนวก ค-3

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ระดับเสียงทั่วไป



## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Number: 2338925-1C11

Page 1 of 1

**Sample Number** 2244225-1  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บริเวณริมรั้วโครงการโรงไฟฟ้าหนองระเรียง2 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 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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Num5er: 2338926-1C11

bage 1 of 1

**Sample Number** 224422P-2  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บริเวณริมรั้วโครงการโรงไฟฟ้าหนองระเรียง2 ด้านทิศใต้ (GbS 48b 0196368, 16P2272)  
**Measurement Date** May 24 - May 2P, 2022  
**Measurement by** Sangtawan Natasat  
**Sound Level meter** Serial No. 709777

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:00 bM - 04:00 bM	62.3	83.4	60.1
04:00 bM - 0P:00 bM	60.P	78.7	P9.2
0P:00 bM - 06:00 bM	61.9	84.1	P9.2
06:00 bM - 07:00 bM	60.9	80.8	P9.6
07:00 bM - 08:00 bM	61.2	80.4	P8.8
08:00 bM - 09:00 bM	P9.7	7P.3	P8.7
09:00 bM - 10:00 bM	P9.P	73.8	P8.7
10:00 bM - 11:00 bM	P9.2	62.4	P8.4
11:00 bM - 12:00 AM	60.1	69.6	P9.2
12:00 AM - 01:00 AM	P9.4	62.2	P8.7
01:00 AM - 02:00 AM	60.2	81.3	P8.6
02:00 AM - 03:00 AM	60.0	77.P	P8.6
03:00 AM - 04:00 AM	P9.6	74.2	P8.9
04:00 AM - 0P:00 AM	P9.6	69.3	P8.9
0P:00 AM - 06:00 AM	60.3	79.9	P8.8
06:00 AM - 07:00 AM	P9.8	81.4	P8.8
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	6P.8	P9.8
10:00 AM - 11:00 AM	61.2	70.3	P9.9
11:00 AM - 12:00 bM	60.8	74.0	P9.4
12:00 bM - 01:00 bM	60.9	73.9	P9.4
01:00 bM - 02:00 bM	61.7	67.2	60.3
02:00 bM - 03:00 bM	61.9	69.0	60.P

Leq Average 24 hrs. (dB(A)) 60.8  
Lmax (dB(A)) 88.6  
L90 (dB(A)) P9.2  
Ldn (dB(A)) 66.P  
Standard (dB(A)) 70 11P  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 1P (พ.ศ. 2P40) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2P48

Technical Management

Saranya C.

Saranya Chalermthamrong  
Scientist (4)

Approved by

Suppt S.

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Num5er: 2338927-1C11

bage 1 of 1

**Sample Number** 224422P-3  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บริเวณริมรั้วโครงการโรงไฟฟ้าหนองระเรียง2 ด้านทิศใต้ (GbS 48b 0196368, 16P2272)  
**Measurement Date** May 2P - May 26, 2022  
**Measurement by** Sangtawan Natasat  
**Sound Level meter** Serial No. 709777

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:00 bM - 04:00 bM	61.6	74.P	60.3
04:00 bM - 0P:00 bM	61.1	69.P	P9.8
0P:00 bM - 06:00 bM	61.3	72.3	60.0
06:00 bM - 07:00 bM	63.2	84.1	60.0
07:00 bM - 08:00 bM	62.3	79.7	60.0
08:00 bM - 09:00 bM	61.2	79.6	P9.6
09:00 bM - 10:00 bM	60.7	73.7	P9.6
10:00 bM - 11:00 bM	60.9	64.7	P9.9
11:00 bM - 12:00 AM	60.8	71.4	P9.8
12:00 AM - 01:00 AM	62.1	81.1	P9.2
01:00 AM - 02:00 AM	P9.9	67.4	P9.0
02:00 AM - 03:00 AM	60.1	7P.2	P9.2
03:00 AM - 04:00 AM	60.3	71.9	P9.4
04:00 AM - 0P:00 AM	60.7	73.2	P9.9
0P:00 AM - 06:00 AM	60.9	77.9	60.0
06:00 AM - 07:00 AM	61.1	82.8	P9.P
07:00 AM - 08:00 AM	61.4	79.6	60.0
08:00 AM - 09:00 AM	61.1	71.1	P9.7
09:00 AM - 10:00 AM	60.6	77.7	P9.1
10:00 AM - 11:00 AM	61.2	74.0	P9.P
11:00 AM - 12:00 bM	61.P	67.8	60.1
12:00 bM - 01:00 bM	61.8	67.9	60.4
01:00 bM - 02:00 bM	61.6	68.6	P9.9
02:00 bM - 03:00 bM	62.0	69.2	60.3

Leq Average 24 hrs. (dB(A)) 61.3  
Lmax (dB(A)) 84.1  
L90 (dB(A)) P9.8  
Ldn (dB(A)) 67.3  
Standard (dB(A)) 70 11P  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 1P (พ.ศ. 2P40) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2P48

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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Num5er: 2338928-1C11

bage 1 of 1

**Sample Number** 224422P-4  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บริเวณริมรั้วโครงการโรงไฟฟ้าหนองเรียง2 ด้านทิศใต้ (GbS 48b 0196368, 16P2272)  
**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 bM - 04:00 bM	62.2	7P.1	60.6
04:00 bM - 0P:00 bM	61.0	74.6	P9.6
0P:00 bM - 06:00 bM	61.4	77.P	60.2
06:00 bM - 07:00 bM	61.6	7P.P	60.P
07:00 bM - 08:00 bM	60.P	78.1	P9.3
08:00 bM - 09:00 bM	62.P	80.4	P9.6
09:00 bM - 10:00 bM	60.4	73.6	P9.4
10:00 bM - 11:00 bM	60.7	77.9	P9.7
11:00 bM - 12:00 AM	61.P	74.1	60.4
12:00 AM - 01:00 AM	P9.7	63.0	P8.8
01:00 AM - 02:00 AM	63.2	82.3	P9.3
02:00 AM - 03:00 AM	61.3	83.4	P9.3
03:00 AM - 04:00 AM	60.1	76.9	P9.2
04:00 AM - 0P:00 AM	60.3	72.1	P9.4
0P:00 AM - 06:00 AM	P9.9	76.9	P8.8
06:00 AM - 07:00 AM	60.P	82.9	P8.4
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.P	68.6	60.3
10:00 AM - 11:00 AM	62.0	67.6	60.6
11:00 AM - 12:00 bM	61.6	67.4	60.1
12:00 bM - 01:00 bM	61.8	72.1	60.4
01:00 bM - 02:00 bM	62.0	80.7	60.P
02:00 bM - 03:00 bM	62.0	67.9	60.7

Leq Average 24 hrs. (dB(A)) 61.4  
Lmax (dB(A)) 84.2  
L90 (dB(A)) P9.7  
Ldn (dB(A)) 67.4  
Standard (dB(A)) 70 11P  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 1P (พ.ศ. 2P40) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2P48

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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Number: 2338929-1C11

Page 1 of 1

**Sample Number** 224422P-P  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บริเวณริมรั้วโครงการโรงไฟฟ้าหนองระเรียง 2 ด้านทิศใต้ (GbS 48b 0196368, 16P2272)  
**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 bM - 04:00 bM	61.8	76.0	60.4
04:00 bM - 05:00 bM	62.6	82.8	61.1
05:00 bM - 06:00 bM	62.4	8P.1	60.2
06:00 bM - 07:00 bM	61.2	7P.9	59.9
07:00 bM - 08:00 bM	61.6	83.4	59.2
08:00 bM - 09:00 bM	60.0	79.2	58.8
09:00 bM - 10:00 bM	63.0	8P.7	58.4
10:00 bM - 11:00 bM	59.1	66.3	58.1
11:00 bM - 12:00 AM	59.2	7P.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	58.8
03:00 AM - 04:00 AM	59.9	77.7	58.2
04:00 AM - 05:00 AM	59.2	68.3	58.4
05:00 AM - 06:00 AM	59.9	7P.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	58.8
09:00 AM - 10:00 AM	60.0	68.2	58.6
10:00 AM - 11:00 AM	60.0	66.2	59.3
11:00 AM - 12:00 bM	60.0	69.3	59.3
12:00 bM - 01:00 bM	60.3	6P.2	59.0
01:00 bM - 02:00 bM	60.2	72.1	58.9
02:00 bM - 03:00 bM	60.0	67.0	59.3

Leq Average 24 hrs. (dB(A)) 60.0  
Lmax (dB(A)) 8P.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 1P (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Saranya C.

Saranya Chalermthamrong  
Scientist (4)

Approved by

Suppt S.

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Num5er: 2338930-1C11

bage 1 of 1

**Sample Number** 224422P-6  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บริเวณริมรั้วโครงการโรงไฟฟ้าหนองระเรียง2 ด้านทิศใต้ (GbS 48b 0196368, 16P2272)  
**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 bM - 04:00 bM	60.1	77.2	P8.8
04:00 bM - 0P:00 bM	60.2	68.6	P9.0
0P:00 bM - 06:00 bM	60.P	80.2	P9.1
06:00 bM - 07:00 bM	60.P	7P.8	P9.4
07:00 bM - 08:00 bM	P9.4	80.3	P8.1
08:00 bM - 09:00 bM	P9.1	79.2	P7.7
09:00 bM - 10:00 bM	P9.3	83.8	P8.1
10:00 bM - 11:00 bM	P8.9	70.2	P8.0
11:00 bM - 12:00 AM	P9.P	7P.6	P8.2
12:00 AM - 01:00 AM	P8.4	71.3	P7.2
01:00 AM - 02:00 AM	P8.3	6P.7	P7.4
02:00 AM - 03:00 AM	P9.0	81.9	P7.4
03:00 AM - 04:00 AM	P8.2	69.7	P7.3
04:00 AM - 0P:00 AM	P8.7	64.2	P7.9
0P:00 AM - 06:00 AM	P9.0	8P.P	P7.8
06:00 AM - 07:00 AM	P8.3	80.6	P7.3
07:00 AM - 08:00 AM	P7.7	72.2	P6.3
08:00 AM - 09:00 AM	P7.8	68.0	P6.P
09:00 AM - 10:00 AM	P8.3	67.7	P7.1
10:00 AM - 11:00 AM	P8.4	74.7	P6.8
11:00 AM - 12:00 bM	P8.1	70.6	P6.6
12:00 bM - 01:00 bM	P7.8	67.7	P6.2
01:00 bM - 02:00 bM	P7.6	6P.2	PP.7
02:00 bM - 03:00 bM	P7.9	67.2	P6.0

Leq Average 24 hrs. (dB(A)) P8.9  
Lmax (dB(A)) 8P.P  
L90 (dB(A)) P7.4  
Ldn (dB(A)) 6P.2  
Standard (dB(A)) 70 11P  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 1P (พ.ศ. 2P40) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2P48

**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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Num5er: 2338931-1C11

bage 1 of 1

**Sample Number** 224422P-7  
**Parameter** Noise (Leq 24 hrs.)  
**Location** บริเวณริมรั้วโครงการโรงไฟฟ้าหนองเรียง2 ด้านทิศใต้ (GbS 48b 0196368, 16P2272)  
**Measurement Date** May 29 - May 30, 2022  
**Measurement by** Sangtawan Natasat  
**Sound Level meter** Serial No. 709777

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:00 bM - 04:00 bM	P8.0	66.4	P6.2
04:00 bM - 0P:00 bM	P6.9	80.6	P4.P
0P:00 bM - 06:00 bM	P9.0	74.9	P8.0
06:00 bM - 07:00 bM	P7.8	68.3	P6.7
07:00 bM - 08:00 bM	P9.0	81.P	P7.2
08:00 bM - 09:00 bM	P8.4	80.6	P7.P
09:00 bM - 10:00 bM	P8.8	62.2	P7.8
10:00 bM - 11:00 bM	P8.7	62.4	P7.7
11:00 bM - 12:00 AM	P9.7	70.2	P8.P
12:00 AM - 01:00 AM	P8.0	80.7	P6.8
01:00 AM - 02:00 AM	P8.P	81.6	P6.8
02:00 AM - 03:00 AM	P9.1	79.1	P7.P
03:00 AM - 04:00 AM	P7.8	62.0	P7.2
04:00 AM - 0P:00 AM	P7.6	67.9	P7.0
0P:00 AM - 06:00 AM	P8.P	82.P	P7.1
06:00 AM - 07:00 AM	P7.8	79.8	P6.8
07:00 AM - 08:00 AM	60.P	70.6	P9.4
08:00 AM - 09:00 AM	60.9	67.6	P9.6
09:00 AM - 10:00 AM	60.6	70.1	P9.3
10:00 AM - 11:00 AM	60.P	8P.2	P8.9
11:00 AM - 12:00 bM	P9.8	68.4	P8.3
12:00 bM - 01:00 bM	P8.8	70.0	P7.P
01:00 bM - 02:00 bM	P9.P	71.8	P8.1
02:00 bM - 03:00 bM	61.3	8P.2	P9.0

Leq Average 24 hrs. (dB(A)) P9.1  
Lmax (dB(A)) 8P.2  
L90 (dB(A)) P7.P  
Ldn (dB(A)) 6P.0  
Standard (dB(A)) 70 11P  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 1P (พ.ศ. 2P40) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2P48

**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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Num5er: 2338932-1C11

bage 1 of 1

**Sample Number** 224422P-8  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเวียง 2 (GbS 48b 0194661, 16P31P2)  
**Measurement Date** May 23 - May 24, 2022  
**Measurement by** Sangtawan Natasat  
**Sound Level meter** Serial No. 709776

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 bM - 03:00 bM	46.3	62.9	41.7
03:00 bM - 04:00 bM	47.2	6P.3	42.2
04:00 bM - 0P:00 bM	47.8	67.1	43.0
0P:00 bM - 06:00 bM	49.7	69.6	44.1
06:00 bM - 07:00 bM	49.6	76.4	42.P
07:00 bM - 08:00 bM	47.1	63.0	43.9
08:00 bM - 09:00 bM	48.7	72.6	44.4
09:00 bM - 10:00 bM	44.3	62.8	41.9
10:00 bM - 11:00 bM	44.7	67.3	42.3
11:00 bM - 12:00 AM	46.1	66.0	42.P
12:00 AM - 01:00 AM	42.6	62.2	40.0
01:00 AM - 02:00 AM	40.0	P2.P	38.8
02:00 AM - 03:00 AM	40.3	P7.7	38.9
03:00 AM - 04:00 AM	40.3	P7.P	38.6
04:00 AM - 0P:00 AM	42.1	6P.9	37.9
0P:00 AM - 06:00 AM	46.3	66.1	41.4
06:00 AM - 07:00 AM	48.8	67.3	44.0
07:00 AM - 08:00 AM	P0.1	6P.0	44.9
08:00 AM - 09:00 AM	4P.4	64.1	40.3
09:00 AM - 10:00 AM	46.7	68.P	39.P
10:00 AM - 11:00 AM	4P.4	61.P	38.4
11:00 AM - 12:00 bM	P4.9	84.P	40.P
12:00 bM - 01:00 bM	44.P	63.8	39.2
01:00 bM - 02:00 bM	4P.P	68.1	38.4

Leq Average 24 hrs. (dB(A)) 47.P  
Lmax (dB(A)) 84.P  
L90 (dB(A)) 41.4  
Ldn (dB(A)) P1.8  
Standard (dB(A)) 70 11P  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 1P (พ.ศ. 2P40) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2P48

Technical Management

Saranya C.

Saranya Chalermthamrong  
Scientist (4)

Approved by

Suppt S.

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Number: 2338933-1C11

Page 1 of 1

**Sample Number** 224422P-9  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเวียง 2 (GbS 48b 0194661, 16P31P2)  
**Measurement Date** May 24 - May 2P, 2022  
**Measurement by** Sangtawan Natasat  
**Sound Level meter** Serial No. 709776

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 bM - 03:00 bM	PP.6	88.8	49.3
03:00 bM - 04:00 bM	4P.7	66.0	42.7
04:00 bM - 0P:00 bM	49.1	6P.P	44.3
0P:00 bM - 06:00 bM	49.8	69.1	46.1
06:00 bM - 07:00 bM	49.8	71.0	44.4
07:00 bM - 08:00 bM	48.0	64.3	44.6
08:00 bM - 09:00 bM	47.6	70.9	43.7
09:00 bM - 10:00 bM	4P.3	67.0	42.0
10:00 bM - 11:00 bM	43.6	64.6	41.P
11:00 bM - 12:00 AM	42.9	61.1	41.0
12:00 AM - 01:00 AM	43.7	61.2	40.6
01:00 AM - 02:00 AM	40.P	P2.6	39.1
02:00 AM - 03:00 AM	39.9	PP.7	38.6
03:00 AM - 04:00 AM	39.3	P1.0	37.7
04:00 AM - 0P:00 AM	41.2	P6.7	39.4
0P:00 AM - 06:00 AM	4P.9	71.6	41.8
06:00 AM - 07:00 AM	49.2	6P.P	44.2
07:00 AM - 08:00 AM	P0.1	67.0	44.2
08:00 AM - 09:00 AM	46.4	6P.6	41.0
09:00 AM - 10:00 AM	47.3	6P.P	40.3
10:00 AM - 11:00 AM	48.2	72.8	41.2
11:00 AM - 12:00 bM	42.6	P9.3	37.4
12:00 bM - 01:00 bM	4P.2	60.3	39.P
01:00 bM - 02:00 bM	47.3	73.8	40.6

Leq Average 24 hrs. (dB(A)) 47.7  
Lmax (dB(A)) 88.8  
L90 (dB(A)) 41.2  
Ldn (dB(A)) P1.7  
Standard (dB(A)) 70 11P  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 1P (พ.ศ. 2P40) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2P48

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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Num5er: 2338934-1C11

bage 1 of 1

**Sample Number** 224422P-10  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเวียง 2 (GbS 48b 0194661, 16P31P2)  
**Measurement Date** May 2P - May 26, 2022  
**Measurement by** Sangtawan Natasat  
**Sound Level meter** Serial No. 709776

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 bM - 03:00 bM	46.9	66.7	41.P
03:00 bM - 04:00 bM	47.4	72.0	41.2
04:00 bM - 0P:00 bM	47.0	69.1	41.4
0P:00 bM - 06:00 bM	P1.0	84.0	42.8
06:00 bM - 07:00 bM	49.8	73.P	42.9
07:00 bM - 08:00 bM	48.4	66.8	44.6
08:00 bM - 09:00 bM	48.P	68.6	44.1
09:00 bM - 10:00 bM	4P.6	67.4	42.P
10:00 bM - 11:00 bM	4P.3	6P.2	41.P
11:00 bM - 12:00 AM	42.8	61.7	41.2
12:00 AM - 01:00 AM	42.9	P9.0	40.3
01:00 AM - 02:00 AM	41.1	P9.8	39.1
02:00 AM - 03:00 AM	40.9	62.0	39.2
03:00 AM - 04:00 AM	40.1	P4.4	38.7
04:00 AM - 0P:00 AM	41.4	P4.1	40.0
0P:00 AM - 06:00 AM	46.0	69.1	41.1
06:00 AM - 07:00 AM	49.0	69.9	43.6
07:00 AM - 08:00 AM	P0.6	69.8	44.P
08:00 AM - 09:00 AM	P1.2	79.8	42.0
09:00 AM - 10:00 AM	49.1	70.0	43.1
10:00 AM - 11:00 AM	48.6	79.3	40.7
11:00 AM - 12:00 bM	P0.6	80.6	41.6
12:00 bM - 01:00 bM	P0.6	78.7	42.7
01:00 bM - 02:00 bM	P0.2	77.P	40.8

Leq Average 24 hrs. (dB(A)) 48.0  
Lmax (dB(A)) 84.0  
L90 (dB(A)) 41.P  
Ldn (dB(A)) P1.9  
Standard (dB(A)) 70 11P  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 1P (พ.ศ. 2P40) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2P48

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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Number: 2338935-1C11

Page 1 of 1

**Sample Number** 2244225-11  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเวียง 2 (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 และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Technical Management

Saranya C.

Saranya Chalermthamrong  
Scientist (4)

Approved by

Supot S.

Supot Salamteht  
Section Head

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Num5er: 2338936-1C11

bage 1 of 1

**Sample Number** 224422P-12  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเวียง 2 (GbS 48b 0194661, 16P31P2)  
**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 bM - 03:00 bM	46.1	60.2	41.6
03:00 bM - 04:00 bM	47.3	66.1	42.1
04:00 bM - 0P:00 bM	P1.4	68.P	46.9
0P:00 bM - 06:00 bM	P0.4	71.P	44.9
06:00 bM - 07:00 bM	49.1	66.4	43.P
07:00 bM - 08:00 bM	47.3	64.0	42.8
08:00 bM - 09:00 bM	47.9	69.8	44.0
09:00 bM - 10:00 bM	4P.8	67.1	42.4
10:00 bM - 11:00 bM	44.2	64.3	41.1
11:00 bM - 12:00 AM	42.8	60.6	40.P
12:00 AM - 01:00 AM	41.3	P9.7	38.9
01:00 AM - 02:00 AM	42.1	64.1	39.4
02:00 AM - 03:00 AM	40.P	P2.6	39.1
03:00 AM - 04:00 AM	40.3	P0.4	39.2
04:00 AM - 0P:00 AM	43.1	67.2	39.6
0P:00 AM - 06:00 AM	43.1	P9.9	40.0
06:00 AM - 07:00 AM	46.8	6P.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 bM	4P.0	61.9	40.4
12:00 bM - 01:00 bM	4P.3	66.9	40.2
01:00 bM - 02:00 bM	46.4	6P.4	40.P

Leq Average 24 hrs. (dB(A)) 46.7  
Lmax (dB(A)) 80.3  
L90 (dB(A)) 41.1  
Ldn (dB(A)) P0.7  
Standard (dB(A)) 70 11P  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 1P (พ.ศ. 2P40) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2P48

Technical Management

Saranya C.

Saranya Chalermthamrong  
Scientist (4)

Approved by

Supt S.

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Num5er: 2338937-1C11

bage 1 of 1

**Sample Number** 224422P-13  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเวียง 2 (GbS 48b 0194661, 16P31P2)  
**Measurement Date** May 28 - May 29, 2022  
**Measurement by** Sangtawan Natasat  
**Sound Level meter** Serial No. 709776

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 bM - 03:00 bM	46.1	63.1	41.0
03:00 bM - 04:00 bM	44.9	64.4	39.6
04:00 bM - 0P:00 bM	47.3	67.6	41.0
0P:00 bM - 06:00 bM	48.8	72.3	43.1
06:00 bM - 07:00 bM	48.P	68.0	41.P
07:00 bM - 08:00 bM	47.9	66.3	43.P
08:00 bM - 09:00 bM	48.0	67.6	44.2
09:00 bM - 10:00 bM	49.0	6P.P	47.1
10:00 bM - 11:00 bM	44.4	P7.7	42.4
11:00 bM - 12:00 AM	44.2	62.P	42.1
12:00 AM - 01:00 AM	44.4	6P.6	41.8
01:00 AM - 02:00 AM	44.7	68.P	41.7
02:00 AM - 03:00 AM	41.4	P2.1	40.1
03:00 AM - 04:00 AM	41.4	P9.0	39.6
04:00 AM - 0P:00 AM	40.P	P3.1	39.1
0P:00 AM - 06:00 AM	43.P	6P.4	39.6
06:00 AM - 07:00 AM	4P.1	64.3	40.0
07:00 AM - 08:00 AM	4P.0	6P.7	38.8
08:00 AM - 09:00 AM	43.9	62.2	38.9
09:00 AM - 10:00 AM	47.2	8P.8	38.9
10:00 AM - 11:00 AM	48.9	70.P	40.2
11:00 AM - 12:00 bM	48.6	62.1	42.7
12:00 bM - 01:00 bM	46.4	73.2	39.1
01:00 bM - 02:00 bM	4P.7	64.6	39.0

Leq Average 24 hrs. (dB(A)) 46.3  
Lmax (dB(A)) 8P.8  
L90 (dB(A)) 40.2  
Ldn (dB(A)) P0.8  
Standard (dB(A)) 70 11P  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 1P (พ.ศ. 2P40) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2P48

**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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Number: 2338938-1C11

Page 1 of 1

**Sample Number** 224422P-14  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเวียง 2 (GbS 48b 0194661, 16P31P2)  
**Measurement Date** May 29 - May 30, 2022  
**Measurement by** Sangtawan Natasat  
**Sound Level meter** Serial No. 709776

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 bM - 03:00 bM	46.P	63.0	38.8
03:00 bM - 04:00 bM	43.9	63.1	39.2
04:00 bM - 05:00 bM	49.9	6P.0	40.2
05:00 bM - 06:00 bM	47.3	66.2	40.7
06:00 bM - 07:00 bM	49.P	69.4	42.1
07:00 bM - 08:00 bM	47.6	70.3	41.7
08:00 bM - 09:00 bM	46.4	6P.4	41.8
09:00 bM - 10:00 bM	44.1	60.3	41.P
10:00 bM - 11:00 bM	43.3	64.7	41.0
11:00 bM - 12:00 AM	43.9	64.7	40.9
12:00 AM - 01:00 AM	44.9	70.P	40.0
01:00 AM - 02:00 AM	40.8	69.2	38.9
02:00 AM - 03:00 AM	42.9	P8.3	41.7
03:00 AM - 04:00 AM	41.0	PP.4	39.8
04:00 AM - 05:00 AM	39.7	P2.P	38.0
05:00 AM - 06:00 AM	44.4	70.7	39.8
06:00 AM - 07:00 AM	48.P	81.0	42.P
07:00 AM - 08:00 AM	49.2	67.P	43.2
08:00 AM - 09:00 AM	4P.7	67.4	39.7
09:00 AM - 10:00 AM	46.3	63.3	39.0
10:00 AM - 11:00 AM	4P.0	67.8	37.7
11:00 AM - 12:00 bM	44.3	63.9	3P.2
12:00 bM - 01:00 bM	4P.1	77.7	37.0
01:00 bM - 02:00 bM	4P.8	70.7	40.2

Leq Average 24 hrs. (dB(A)) 46.0  
Lmax (dB(A)) 81.0  
L90 (dB(A)) 40.0  
Ldn (dB(A)) P1.0  
Standard (dB(A)) 70 11P  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 1P (พ.ศ. 2P40) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2P48

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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Num5er: 2338939-1C11

bage 1 of 1

**Sample Number** 224422P-1P  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GbS 48b 0196392, 16P1PPP)  
**Measurement Date** May 23 - May 24, 2022  
**Measurement by** Sangtawan Natasat  
**Sound Level meter** Serial No. 472124

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 bM - 03:00 bM	P7.7	78.P	P2.P
03:00 bM - 04:00 bM	P8.6	87.4	P3.3
04:00 bM - 0P:00 bM	P9.8	74.P	PP.1
0P:00 bM - 06:00 bM	61.0	78.3	P6.1
06:00 bM - 07:00 bM	61.7	76.2	P6.P
07:00 bM - 08:00 bM	63.P	81.3	60.3
08:00 bM - 09:00 bM	P9.7	79.7	P3.7
09:00 bM - 10:00 bM	P6.6	84.6	P0.4
10:00 bM - 11:00 bM	P3.8	73.P	49.8
11:00 bM - 12:00 AM	P2.4	68.0	49.3
12:00 AM - 01:00 AM	P6.8	83.2	49.7
01:00 AM - 02:00 AM	P8.0	68.3	P6.7
02:00 AM - 03:00 AM	P7.7	8P.8	P4.6
03:00 AM - 04:00 AM	P3.1	80.2	48.9
04:00 AM - 0P:00 AM	P4.2	7P.P	48.9
0P:00 AM - 06:00 AM	P8.3	78.6	P2.8
06:00 AM - 07:00 AM	62.8	91.8	P7.9
07:00 AM - 08:00 AM	64.9	8P.6	60.P
08:00 AM - 09:00 AM	60.P	80.P	P4.4
09:00 AM - 10:00 AM	P9.1	78.2	P6.4
10:00 AM - 11:00 AM	P9.6	80.4	P6.P
11:00 AM - 12:00 bM	P9.9	83.P	P6.P
12:00 bM - 01:00 bM	P8.6	7P.8	P6.0
01:00 bM - 02:00 bM	P9.0	74.4	PP.9

Leq Average 24 hrs. (dB(A)) P9.7  
Lmax (dB(A)) 91.8  
L90 (dB(A)) P4.6  
Ldn (dB(A)) 64.6  
Standard (dB(A)) 70  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 1P (พ.ศ. 2P40) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2P48

**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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Num5er: 2338940-1C11

bage 1 of 1

**Sample Number** 224422P-16  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GbS 48b 0196392, 16P1PPP)  
**Measurement Date** May 24 - May 2P, 2022  
**Measurement by** Sangtawan Natasat  
**Sound Level meter** Serial No. 472124

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 bM - 03:00 bM	62.7	94.8	P9.3
03:00 bM - 04:00 bM	61.1	78.2	P8.7
04:00 bM - 0P:00 bM	62.3	79.7	P9.3
0P:00 bM - 06:00 bM	62.9	7P.9	60.0
06:00 bM - 07:00 bM	63.3	81.6	P9.8
07:00 bM - 08:00 bM	62.7	81.7	P8.6
08:00 bM - 09:00 bM	60.6	84.1	P4.3
09:00 bM - 10:00 bM	P6.9	86.2	P1.9
10:00 bM - 11:00 bM	P6.3	80.9	P0.6
11:00 bM - 12:00 AM	P3.9	79.6	P0.0
12:00 AM - 01:00 AM	P3.1	70.2	P0.1
01:00 AM - 02:00 AM	P2.4	70.4	49.4
02:00 AM - 03:00 AM	P4.4	81.0	49.8
03:00 AM - 04:00 AM	P2.3	72.2	49.7
04:00 AM - 0P:00 AM	P4.2	7P.1	P0.1
0P:00 AM - 06:00 AM	P8.3	78.P	P2.7
06:00 AM - 07:00 AM	61.9	81.8	P7.P
07:00 AM - 08:00 AM	6P.0	80.9	61.1
08:00 AM - 09:00 AM	61.9	8P.8	P8.1
09:00 AM - 10:00 AM	P8.3	73.4	P2.9
10:00 AM - 11:00 AM	P7.4	74.2	P2.2
11:00 AM - 12:00 bM	P7.4	74.7	P2.0
12:00 bM - 01:00 bM	P7.2	76.8	P1.6
01:00 bM - 02:00 bM	P7.3	80.8	P1.9

Leq Average 24 hrs. (dB(A)) 60.0  
Lmax (dB(A)) 94.8  
L90 (dB(A)) P2.2  
Ldn (dB(A)) 64.0  
Standard (dB(A)) 70 11P  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 1P (พ.ศ. 2P40) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2P48

Technical Management

Saranya C.

Saranya Chalermthamrong  
Scientist (4)

Approved by

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Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Num5er: 2338941-1C11

bage 1 of 1

**Sample Number** 224422P-17  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GbS 48b 0196392, 16P1PPP)  
**Measurement Date** May 2P - May 26, 2022  
**Measurement by** Sangtawan Natasat  
**Sound Level meter** Serial No. 472124

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 bM - 03:00 bM	P7.0	74.3	P2.8
03:00 bM - 04:00 bM	P8.P	78.7	P3.7
04:00 bM - 0P:00 bM	60.P	84.2	P4.7
0P:00 bM - 06:00 bM	60.7	81.8	P6.3
06:00 bM - 07:00 bM	63.0	8P.1	P6.6
07:00 bM - 08:00 bM	6P.8	76.9	60.7
08:00 bM - 09:00 bM	61.4	82.6	P7.1
09:00 bM - 10:00 bM	64.6	76.6	P8.1
10:00 bM - 11:00 bM	P7.8	84.3	P1.1
11:00 bM - 12:00 AM	P3.9	77.4	P0.6
12:00 AM - 01:00 AM	P6.P	83.3	P1.0
01:00 AM - 02:00 AM	P2.2	79.2	P0.1
02:00 AM - 03:00 AM	P4.0	76.3	P0.8
03:00 AM - 04:00 AM	P3.3	72.3	P0.P
04:00 AM - 0P:00 AM	PP.7	76.8	P0.4
0P:00 AM - 06:00 AM	P8.9	77.0	P3.4
06:00 AM - 07:00 AM	61.7	79.3	P8.0
07:00 AM - 08:00 AM	64.9	82.4	61.9
08:00 AM - 09:00 AM	62.1	82.4	P9.P
09:00 AM - 10:00 AM	60.2	76.P	P7.3
10:00 AM - 11:00 AM	P9.7	7P.6	P7.2
11:00 AM - 12:00 bM	61.1	7P.4	P8.4
12:00 bM - 01:00 bM	61.0	80.8	P8.1
01:00 bM - 02:00 bM	60.2	83.3	P8.0

Leq Average 24 hrs. (dB(A)) 60.7  
Lmax (dB(A)) 8P.1  
L90 (dB(A)) P6.3  
Ldn (dB(A)) 64.6  
Standard (dB(A)) 70 11P  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 1P (พ.ศ. 2P40) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2P48

Technical Management

Saranya C.

Saranya Chalermthamrong  
Scientist (4)

Approved by

Suppt S.

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Number: 2338942-1C11

Page 1 of 1

**Sample Number** 224422P-18  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GbS 48b 0196392, 16P1PPP)  
**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 bM - 03:00 bM	60.0	74.3	P7.8
03:00 bM - 04:00 bM	60.P	80.P	P7.P
04:00 bM - 05:00 bM	61.3	77.9	P8.P
05:00 bM - 06:00 bM	62.0	86.1	P9.6
06:00 bM - 07:00 bM	62.P	83.2	P7.8
07:00 bM - 08:00 bM	64.7	83.2	P9.4
08:00 bM - 09:00 bM	60.9	81.P	P4.8
09:00 bM - 10:00 bM	P6.2	78.2	P1.7
10:00 bM - 11:00 bM	P6.6	82.3	P1.P
11:00 bM - 12:00 AM	P4.P	84.3	P1.0
12:00 AM - 01:00 AM	P4.6	84.9	P1.1
01:00 AM - 02:00 AM	PP.4	84.4	P0.2
02:00 AM - 03:00 AM	P3.0	69.8	P0.4
03:00 AM - 04:00 AM	P4.0	7P.2	P0.4
04:00 AM - 05:00 AM	P6.3	83.1	P1.P
05:00 AM - 06:00 AM	P8.3	82.3	P2.7
06:00 AM - 07:00 AM	61.7	77.2	P7.P
07:00 AM - 08:00 AM	6P.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	P9.P
10:00 AM - 11:00 AM	61.3	7P.7	P9.2
11:00 AM - 12:00 bM	60.8	7P.1	P8.3
12:00 bM - 01:00 bM	P9.9	73.8	P7.6
01:00 bM - 02:00 bM	60.4	7P.0	P8.3

Leq Average 24 hrs. (dB(A)) 60.6  
Lmax (dB(A)) 86.1  
L90 (dB(A)) P7.P  
Ldn (dB(A)) 64.4  
Standard (dB(A)) 70  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 1P (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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Number: 2338943-1C11

Page 1 of 1

**Sample Number** 224422P-19  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GbS 48b 0196392, 16P1PPP)  
**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 bM - 03:00 bM	61.0	74.1	P8.6
03:00 bM - 04:00 bM	60.9	74.1	P8.1
04:00 bM - 05:00 bM	62.1	84.4	P6.6
05:00 bM - 06:00 bM	62.1	8P.7	P7.2
06:00 bM - 07:00 bM	61.7	78.P	P6.2
07:00 bM - 08:00 bM	6P.3	83.4	60.9
08:00 bM - 09:00 bM	60.8	79.2	PP.3
09:00 bM - 10:00 bM	P7.2	79.7	P0.9
10:00 bM - 11:00 bM	P6.9	82.0	49.9
11:00 bM - 12:00 AM	PP.P	8P.8	P0.2
12:00 AM - 01:00 AM	P6.0	80.3	49.9
01:00 AM - 02:00 AM	P1.2	69.8	48.9
02:00 AM - 03:00 AM	P3.4	71.9	P0.0
03:00 AM - 04:00 AM	P2.4	72.2	49.3
04:00 AM - 05:00 AM	PP.8	74.6	P0.0
05:00 AM - 06:00 AM	P7.P	7P.9	P1.2
06:00 AM - 07:00 AM	60.2	79.0	P4.6
07:00 AM - 08:00 AM	64.0	79.7	60.7
08:00 AM - 09:00 AM	61.P	79.1	P9.2
09:00 AM - 10:00 AM	61.2	78.8	P9.3
10:00 AM - 11:00 AM	60.3	72.8	P8.0
11:00 AM - 12:00 bM	P7.3	78.8	P1.8
12:00 bM - 01:00 bM	P7.2	78.4	P0.9
01:00 bM - 02:00 bM	PP.7	76.4	P0.6

Leq Average 24 hrs. (dB(A)) 60.0  
Lmax (dB(A)) 8P.8  
L90 (dB(A)) P1.8  
Ldn (dB(A)) 63.8  
Standard (dB(A)) 70  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 1P (พ.ศ. 2P40) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2P48

Technical Management

Saranya C.

Saranya Chalermthamrong  
Scientist (4)

Approved by

Suppt S.

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Number: 2338944-1C11

Page 1 of 1

**Sample Number** 224422P-20  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ชุมชนในเขตอุตสาหกรรมสุรนารี (หมู่ที่ 6 ตำบลหนองระเวียง) (GbS 48b 0196392, 16P1PPP)  
**Measurement Date** May 28 - May 29, 2022  
**Measurement by** Sangtawan Natasat  
**Sound Level meter** Serial No. 472124

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 bM - 03:00 bM	P6.P	74.3	P1.8
03:00 bM - 04:00 bM	P6.3	77.4	P0.9
04:00 bM - 05:00 bM	P8.0	74.4	P3.4
05:00 bM - 06:00 bM	P0.P	80.3	PP.2
06:00 bM - 07:00 bM	P0.3	80.3	P4.4
07:00 bM - 08:00 bM	P0.3	80.4	P4.3
08:00 bM - 09:00 bM	P8.3	80.0	P2.0
09:00 bM - 10:00 bM	P2.4	79.4	P1.0
10:00 bM - 11:00 bM	P1.6	7P.3	P0.2
11:00 bM - 12:00 AM	P2.0	72.6	P7.0
12:00 AM - 01:00 AM	P0.6	74.9	P6.9
01:00 AM - 02:00 AM	P4.4	78.0	P7.4
02:00 AM - 03:00 AM	P0.3	72.P	P7.1
03:00 AM - 04:00 AM	P1.3	7P.1	P6.8
04:00 AM - 05:00 AM	P1.2	74.1	P7.2
05:00 AM - 06:00 AM	PP.4	76.3	P9.0
06:00 AM - 07:00 AM	P7.8	83.2	P1.0
07:00 AM - 08:00 AM	P9.4	79.3	P2.3
08:00 AM - 09:00 AM	P8.8	78.2	P1.8
09:00 AM - 10:00 AM	P6.2	77.6	P9.9
10:00 AM - 11:00 AM	P7.7	89.P	P0.3
11:00 AM - 12:00 bM	P6.6	79.8	P9.9
12:00 bM - 01:00 bM	P6.7	77.7	P0.7
01:00 bM - 02:00 bM	PP.4	70.8	P9.7

Leq Average 24 hrs. (dB(A)) P7.8  
Lmax (dB(A)) 89.P  
L90 (dB(A)) P0.7  
Ldn (dB(A)) 62.7  
Standard (dB(A)) 70  
Reference Method : ISO1996-1 and 1996-2  
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 1P (พ.ศ. 2P40) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2P48

Technical Management

Saranya C.

Saranya Chalermthamrong  
Scientist (4)

Approved by

Suppt S.

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244225**

Date Received : May 31, 2022  
Date Reported : Jun 09, 2022  
Report Number: 2338945-1C11

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** Sangtawan Natasat  
**Sound Level meter** Serial No. 472124

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	57.0	77.7	50.3
03:00 PM - 04:00 PM	55.5	72.3	50.0
04:00 PM - 05:00 PM	55.9	74.0	50.5
05:00 PM - 06:00 PM	57.4	74.8	51.5
06:00 PM - 07:00 PM	57.7	76.8	52.2
07:00 PM - 08:00 PM	56.7	72.7	51.4
08:00 PM - 09:00 PM	56.6	78.8	49.5
09:00 PM - 10:00 PM	52.8	73.4	47.9
10:00 PM - 11:00 PM	52.8	77.9	46.9
11:00 PM - 12:00 AM	55.5	87.1	45.4
12:00 AM - 01:00 AM	54.0	79.2	44.7
01:00 AM - 02:00 AM	47.5	72.2	43.5
02:00 AM - 03:00 AM	46.8	68.4	43.4
03:00 AM - 04:00 AM	47.3	78.0	42.7
04:00 AM - 05:00 AM	48.3	68.1	42.5
05:00 AM - 06:00 AM	56.7	74.7	50.2
06:00 AM - 07:00 AM	61.0	80.0	56.3
07:00 AM - 08:00 AM	66.1	78.9	61.6
08:00 AM - 09:00 AM	61.4	80.9	55.8
09:00 AM - 10:00 AM	57.7	86.3	52.1
10:00 AM - 11:00 AM	58.0	76.8	53.3
11:00 AM - 12:00 PM	57.9	80.9	52.0
12:00 PM - 01:00 PM	57.2	79.7	51.6
01:00 PM - 02:00 PM	59.8	87.5	52.9

Leq Average 24 hrs. (dB(A)) 58.0  
Lmax (dB(A)) 87.5  
L90 (dB(A)) 50.3  
Ldn (dB(A)) 62.2  
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

Saranya C.

Saranya Chalermthamrong  
Scientist (4)

Approved by

Supot S.

Supot Salamteh  
Section Head

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## Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331474-1 C11

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331474-1 C11

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331474-1 C11

Page 3 of 3

Sample Number 2244227-1  
 Parameter Noise Level (Leq 5 min)  
 Location บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม1 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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2244227**  
**Date Received** : May 31, 2022  
**Date Reported** : Jun 07, 2022  
**Report Number** : 2331475-1 C11

Page 1 of 3

**Sample Number** : 2244227-2  
**Parameter** : Noise Level (Leq 5 min)  
**Location** : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม1 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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331475-1 C11

Page 2 of 3

Sample Number 2244227-2  
Parameter Noise Level (Leq 5 min)  
Location บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม1 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

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331475-1 C11

Page 3 of 3

Sample Number 2244227-2  
 Parameter Noise Level (Leq 5 min)  
 Location บริเวณริมรั้วโครงการโรงไฟฟ้าหนองระเรียง1 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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่ 4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2244227**  
**Date Received** : May 31, 2022  
**Date Reported** : Jun 07, 2022  
**Report Number** : 2331476-1 C11

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331476-1 C11

Page 2 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 - 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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331476-1 C11

Page 3 of 3

Sample Number 2244227-3  
Parameter Noise Level (Leq 5 min)  
Location บริเวณริมรั้วโครงการโรงไฟฟ้าหนองระเรียง1 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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331477-1 C11

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331477-1 C11

Page 2 of 3

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 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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331477-1 C11

Page 3 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 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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331478-1 C11

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331478-1 C11

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331478-1 C11

Page 3 of 3

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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2244227**  
**Date Received** : May 31, 2022  
**Date Reported** : Jun 07, 2022  
**Report Number** : 2331479-1 C11

Page 1 of 3

**Sample Number** : 2244227-6  
**Parameter** : Noise Level (Leq 5 min)  
**Location** : บริเวณริมรั้วโครงการโรงไฟฟ้าหนองกระเทียม1 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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331479-1 C11

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331479-1 C11

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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่ 4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2244227**  
**Date Received** : May 31, 2022  
**Date Reported** : Jun 07, 2022  
**Report Number** : 2331480-1 C11

Page 1 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, 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

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Approved by

Sarayuth Jittrantont  
Assistant General Manager



## Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331480-1 C11

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331480-1 C11

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331481-1 C11

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331481-1 C11

Page 2 of 3

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331481-1 C11

Page 3 of 3

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 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	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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331482-1 C11

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331482-1 C11

Page 2 of 3

Sample Number 2244227-9  
 Parameter Noise Level (Leq 5 min)  
 Location ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเรียง 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 Jittrantont  
 Assistant General Manager



## Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331482-1 C11

Page 3 of 3

Sample Number 2244227-9  
Parameter Noise Level (Leq 5 min)  
Location ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเรียง 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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331483-1 C11

Page 1 of 3

Sample Number 2244227-10  
Parameter Noise Level (Leq 5 min)  
Location ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเวียง 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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331483-1 C11

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

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Approved by

Sarayuth Jittrantont  
Assistant General Manager



## Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331483-1 C11

Page 3 of 3

Sample Number 2244227-10  
Parameter Noise Level (Leq 5 min)  
Location ถนนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเรียง 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	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)
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 Jitranont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331484-1 C11

Page 1 of 3

Sample Number 2244227-11  
 Parameter Noise Level (Leq 5 min)  
 Location ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเวียง 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 Jitranont  
Assistant General Manager





## Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331484-1 C11

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331484-1 C11

Page 3 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 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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID:** 2244227  
**Date Received** : May 31, 2022  
**Date Reported** : Jun 07, 2022  
**Report Number** : 2331485-1 C11

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	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)
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 Jitranont  
Assistant General Manager



## Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331485-1 C11

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 Jittrantont  
 Assistant General Manager



## Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331485-1 C11

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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 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	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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331486-1 C11

Page 1 of 3

Sample Number 2244227-13  
Parameter Noise Level (Leq 5 min)  
Location ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเวียง 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	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)
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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331486-1 C11

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331486-1 C11

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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 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	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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331487-1 C11

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 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	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 Jitranont  
Assistant General Manager



## Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331487-1 C11

Page 2 of 3

Sample Number 2244227-14  
Parameter Noise Level (Leq 5 min)  
Location ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเรียง 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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331487-1 C11

Page 3 of 3

Sample Number 2244227-14  
 Parameter Noise Level (Leq 5 min)  
 Location ชุมชนด้านทิศตะวันตกของโครงการโรงไฟฟ้าหนองระเรียง 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 Jittrantont  
 Assistant General Manager



## Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331488-1 C11

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

Approved by

Sarayuth Jittrantont  
Assistant General Manager

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## Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331488-1 C11

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331488-1 C11

Page 3 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 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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2244227**  
**Date Received** : May 31, 2022  
**Date Reported** : Jun 07, 2022  
**Report Number** : 2331489-1 C11

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

Approved by

Sarayuth Jitranont  
Assistant General Manager

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## Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331489-1 C11

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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 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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331489-1 C11

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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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2244227**  
**Date Received** : May 31, 2022  
**Date Reported** : Jun 07, 2022  
**Report Number** : 2331490-1 C11

Page 1 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, 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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331490-1 C11

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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 - 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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331490-1 C11

Page 3 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 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 Jittrantont  
Assistant General Manager





## Analysis / Test Report

**Client** : Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่ 4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID:** 2244227  
**Date Received** : May 31, 2022  
**Date Reported** : Jun 07, 2022  
**Report Number** : 2331491-1 C11

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331491-1 C11

Page 2 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 - 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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331491-1 C11

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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 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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่ 4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2244227**  
**Date Received** : May 31, 2022  
**Date Reported** : Jun 07, 2022  
**Report Number** : 2331492-1 C11

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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, 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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331492-1 C11

Page 2 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 - 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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331492-1 C11

Page 3 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 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 Jittrantont  
Assistant General Manager



## Analysis / Test Report

**Client** : Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่ 4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID:** 2244227  
**Date Received** : May 31, 2022  
**Date Reported** : Jun 07, 2022  
**Report Number** : 2331493-1 C11

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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331493-1 C11

Page 2 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 - 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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331493-1 C11

Page 3 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 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	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 NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331494-1 C11

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

Approved by

Sarayuth Jittrantont  
Assistant General Manager

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## Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331494-1 C11

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 Jitranont  
 Assistant General Manager



## Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 2244227

Date Received : May 31, 2022

Date Reported : Jun 07, 2022

Report Number : 2331494-1 C11

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 Jittrantont  
Assistant General Manager

# ภาคผนวก ค-4

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คุณภาพน้ำทิ้ง



## Analysis / Test Report

TESTING

No.0009

**Lot ID: 21139652**

Date Received : Jan 12, 2022

Date Reported : Jan 19, 2022

Report Number : 2159505-1

**Client :** Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

**P/O :** สัญญาเลขที่ 4600001547

**Project Name :** Monitoring EIA

**Project Location :** GNRV2

Page 1 of 1

<b>Sample Number</b>	21139652-1							
<b>Sampled Date</b>	Jan 11, 2022 1:30 PM							
<b>Sample Description</b>	Wastewater							
<b>Location</b>	บ่อพักน้ำทิ้งรวม							
<b>Date Analysis Commenced</b>	Jan 12, 2022							
<b>Condition of Sample</b>	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
<b>Metals Testing</b>								
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	0.39	≤5.0	No Standard	Based on APHA (2017), 3125	Bangkok
<b>Water Testing</b>								
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
pH at 25 degree C		-	-	7.4	6.5-8.5	No Standard	Based on APHA (2017), 4500-H (B)	Bangkok
Temperature *	Degree C	-	-	32.8	≤40	≤34	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	300	≤1300	≤1100	Based on APHA (2017), 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	1.8	≤35	No Standard	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	14	≤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 NRV2 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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่ 4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**TESTING**  
**No.0009**  
**Lot ID: 21139652**  
Date Received : Jan 12, 2022  
Date Reported : Jan 19, 2022  
Report Number : 2159505-2

Page 1 of 1

<b>Sample Number</b>	21139652-1							
<b>Sampled Date</b>	Jan 11, 2022 1:30 PM							
<b>Sample Description</b>	Wastewater							
<b>Location</b>	บ่อพักน้ำทิ้งรวม							
<b>Date Analysis Commenced</b>	Jan 12, 2022							
<b>Condition of Sample</b>	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
<b>Metals Testing</b>								
Calcium *	mmol/L	0.0005	0.005	0.63	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Magnesium *	mmol/L	0.003	0.008	0.40	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
SAR *	-	-	-	1.97	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Sodium *	mmol/L	0.0005	0.005	2.00	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
<b>Microbiological Testing</b>								
Fecal Coliform	MPN/100mL	-	-	490.0	No Standard	No Standard	APHA (2017), 9221 E	Bangkok
<b>Water Testing</b>								
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	495	No Standard	No Standard	Based on APHA (2017), 2510 B	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	8.7	≥2	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok
Phosphate as P *	mg/L	0.005	0.01	0.09	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 NRV2 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.

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Approved by

*Sawitree N.*

Sawitree Noisangiam  
Assistant Manager



## Analysis / Test Report

TESTING

No.0009

**Lot ID: 21147783**

Date Received : Feb 11, 2022

Date Reported : Feb 19, 2022

Report Number : 2180417-1

**Client :** Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

**P/O :** สัญญาเลขที่ 4600001547

**Project Name :** Monitoring EIA

**Project Location :** GNRV2

Page 1 of 1

<b>Sample Number</b>	21147783-1							
<b>Sampled Date</b>	Feb 10, 2022 9:45 AM							
<b>Sample Description</b>	Wastewater							
<b>Location</b>	บ่อพักน้ำทิ้งรวม							
<b>Date Analysis Commenced</b>	Feb 11, 2022							
<b>Condition of Sample</b>	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
<b>Metals Testing</b>								
Chromium	mg/L	0.0003	0.0005	0.0007	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 APHA (2017), 3112	Bangkok
Zinc	mg/L	0.003	0.005	0.56	≤5.0	No Standard	Based on APHA (2017), 3125	Bangkok
<b>Water Testing</b>								
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		-	-	7.7	6.5-8.5	No Standard	Based on APHA (2017), 4500-H (B)	Bangkok
Temperature *	Degree C	-	-	32.5	≤40	≤34	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	304	≤1300	≤1100	Based on APHA (2017), 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	2.8	≤35	No Standard	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	11	≤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 NRV2 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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่ 4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**TESTING**  
**No.0009**  
**Lot ID: 21147783**  
Date Received : Feb 11, 2022  
Date Reported : Feb 19, 2022  
Report Number : 2180417-2

Page 1 of 1

<b>Sample Number</b>	21147783-1							
<b>Sampled Date</b>	Feb 10, 2022 9:45 AM							
<b>Sample Description</b>	Wastewater							
<b>Location</b>	บ่อพักน้ำทิ้งรวม							
<b>Date Analysis Commenced</b>	Feb 11, 2022							
<b>Condition of Sample</b>	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
<b>Metals Testing</b>								
Calcium *	mmol/L	0.002	0.004	0.57	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Magnesium *	mmol/L	0.002	0.004	0.35	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
SAR *		-	-	1.77	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Sodium *	mmol/L	0.002	0.004	1.71	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
<b>Microbiological Testing</b>								
Fecal Coliform	MPN/100mL	-	-	2.0	No Standard	No Standard	APHA (2017), 9221 E	Bangkok
<b>Water Testing</b>								
Ammonia Nitrogen *	mg/L	-	0.06	0.25	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	408	No Standard	No Standard	Based on APHA (2017), 2510 B	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	6.8	≥2	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok
Phosphate as P *	mg/L	0.005	0.01	0.08	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 NRV2 Co., Ltd.

**Sampled By :** Sangtawan Natasat

Remark :

- LOD : Limit of Detection
- "<" : 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: 2218330

Date Received : Mar 11, 2022

Date Reported : Mar 18, 2022

Report Number : 2228912-1

Client : Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่ 4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Page 1 of 1

Sample Number	2218330-1
Sampled Date	Mar 10, 2022 11:00 AM
Sample Description	Wastewater
Location	บ่อพักน้ำทิ้งรวม
Date Analysis Commenced	Mar 11, 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
<b>Metals Testing</b>								
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 APHA (2017), 3112	Bangkok
Zinc	mg/L	0.003	0.005	0.39	≤5.0	No Standard	Based on APHA (2017), 3125	Bangkok
<b>Water Testing</b>								
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	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	-	-	32.5	≤40	≤34	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	324	≤1300	≤1100	Based on APHA (2017), 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	1.5	≤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 NRV2 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

**Client** 0u7lm4RG, f oV1QvV  
. d9 F oo L1TV4 onMaceinM1AVF 7anM14a6gonratDgasi- a Tgailanv k2222

**P/O** : สัญญาเลขที่L2222b3h.

**Project Name** 0F onitorinM5EA

**Project Location** 0u4RG,

**Lot ID: 2218330**

: ate ReDeicev 0F ar bb1, 2, ,

: ate Reportev 0F ar bd1, 2, ,

Report 47- Ner 0, , , d9b, 8

IaMe b onrb

<b>Sample Number</b>	, , bdkk28b							
<b>Sampled Date</b>	F ar b21, 2, , bb022 AF							
<b>Sample Description</b>	P asteWater							
<b>Location</b>	บ่อพักน้ำทิ้งรวม							
<b>Date Analysis Commenced</b>	F ar bb1, 2, ,							
<b>Condition of Sample</b>	f ontaineiv in one a- Ner Mass Nottle1 siwplastiDNottles1tWo BO: Nottles anv tWo Mass cials1sa- ple Containers Do- ply to pretreat- ent 8presercation stanvarvs xAI ( A1HU5IAS							

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
<b>Metals Testing</b>								
f alD7- )	- - ol/C	2V2,	2V2h	2V.	4o Utanvarv	4o Utanvarv	Basev on HU 5IA1F etgov , 22V 1 Recision hVh	BanM6o6
F aMhesi7- )	- - ol/C	2V2,	2V2h	2Vkd	4o Utanvarv	4o Utanvarv	Basev on HU 5IA1F etgov , 22V 1 Recision hVh	BanM6o6
UAR )		8	8	bV 2	4o Utanvarv	4o Utanvarv	Basev on HU 5IA1F etgov , 22V 1 Recision hVh	BanM6o6
Uovi7- )	- - ol/C	2V2,	2V2h	bV h	4o Utanvarv	4o Utanvarv	Basev on HU 5IA1F etgov , 22V 1 Recision hVh	BanM6o6
<b>Microbiological Testing</b>								
*eDal f oliror-	F I4/b22- C	8	8	kkV	4o Utanvarv	4o Utanvarv	AI ( A x, 2b. Sl9, , b 5	BanM6o6
<b>Water Testing</b>								
A- - onia 4itroMen )	- M/C	8	2V2L	Q2V2L	4o Utanvarv	4o Utanvarv	Basev on AI ( A x, 2b. Slh3228( k xBSLx*S	BanM6o6
f glorite )	- M/C	2V23	2Vb	4ot : eteDtev	4o Utanvarv	≤, V,	Basev on HU 5IA1F etgov k22Vb	BanM6o6
f onv7Dicity at , 3 veMree f )	- iDro- gos/D-	8	2V8	Ld,	4o Utanvarv	4o Utanvarv	Basev on AI ( A x, 2b. Sl, 3b2 B	BanM6o6
: issolvev OwyMen )	- M/C	8	2Vb	hV	≥,	4o Utanvarv	Basev on AI ( A x, 2b. Slh3228D xF S	BanM6o6
I gospgate as I )	- M/C	2V223	2Vb	4ot : eteDtev	4o Utanvarv	4o Utanvarv	Basev on AI ( A x, 2b. Slh3228xSS	BanM6o6

**Guideline** : u7iveline xSOP ater f garaDteristiDs : isDgarMe into ErriMation Uyste- 1Royal ErriMation : epart- ent 4oVbd/, 3LbV  
u7iveline x, S05nciron- ental E- paDt Assess- ent Report omu7lm4RG, f oV1QvV

**Sampled By** : UanMaWan 4atasat

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Approved by

*Savitree N.*

UaWtree 4oisanaMa-  
Assistant F anaMer

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## Analysis / Test Report

TESTING  
No.0009

**Client** OVbICmR. 2 Lo7, 6tv7  
1g8 k oo N, T7monhraceinh, A7k banh, m34onratD4asiG a T4ailanv 5MMM  
**P/O** : สัญญาเลขที่9NMMMd-91  
**Project Name** Ok onitorinh EIA  
**Project Location** OVmR. 2

**Lot ID: 2226185**

: ate ReDeicev 0Apr ML, 2M22  
: ate Reportev 0Apr d8, 2M22  
Report mbGf er 02299d- Nd

Pahe d oCd

<b>Sample Number</b>	222Ndg- ud
<b>Sampled Date</b>	Apr ML, 2M22 dMMMAk
<b>Sample Description</b>	Wastewater
<b>Location</b>	บ่อกักน้ำทิ้งรวม
<b>Date Analysis Commenced</b>	Apr ML, 2M22
<b>Condition of Sample</b>	Lontainev in two : x f ottles, two hlass cials, one aGf er hlass f ottle anv siB plastiDf ottles, saGple Dntainers DdG ply to pretreatGent upreseracation stanvarvs QAP( A, HUEPAS

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
<b>Metals Testing</b>								
L4roG ibG	G h/6	MMM5	MMM-	mot : eteDtev	mo Utanvarv	mo Utanvarv	) asev on AP( A QM1S 5d2-	) anh3o3
Lopper	G h/6	MMM5	MMM-	MMM-	≤d	mo Utanvarv	) asev on AP( A QM1S 5d2-	) anh3o3
k erDbry	G h/6	MMM5	MMM-	mot : eteDtev	≤MMM-	mo Utanvarv	) asev on HU EPA, k et4ov dN5d Recision E	) anh3o3
*inD	G h/6	MMM5	MMM-	M2d	≤- 7M	mo Utanvarv	) asev on AP( A QM1S 5d2-	) anh3o3
<b>Water Testing</b>								
) x : G vays at 2Mvehree LS	G h/6	u	2	Z2	≤2M	mo Utanvarv	) asev on AP( A QM1S - 2dM)	) anh3o3
x il & Vrease	G h/6	u	5	Z5	≤-	mo Utanvarv	) asev on AP( A QM1S -- 2M)	) anh3o3
p( at 2- vehree L		u	u	172	N7- ug7	mo Utanvarv	) asev on AP( A QM1S 9- MM( Q S	) anh3o3
TeGperatbre K	: ehree L	u	u	5d72	≤9M	≤59	) asev on AP( A QM1S 2- - M)	) anh3o3
Total : issolvev solivs : riev at dgMvehree L	G h/6	u	-	212	≤d5MM	≤ddMM	) asev on AP( A QM1S 2- 9ML	) anh3o3
Total j @lva4l nitrohen as mK	G h/6	Md-	d7M	d79	≤5-	mo Utanvarv	) asev on AP( A QM1S 9- MMmorrh Q S	) anh3o3
Total Ubspenvev Uolivs : riev at dM5udM- vehree L	G h/6	u	-	8	≤5M	mo Utanvarv	) asev on AP( A QM1S 2- 9M:	) anh3o3

**Guideline** : Vbiveline QdS0 Water L4araDteristiDs : isD4arhe into Irrihation UysteG, Royal Irrihation : epartGent mo7dg/2- Nd7  
Vbiveline Q2S0 EncironGental IG paD: AssessGent Report oCVbICmR. 2 Lo7, 6tv7

**Sampled By** : Uanhtawan matasat

ReGar3 0

- 6x : 06iG it oC: eteDtion
- <Z < 06ower t4an 6x " 06iG it oC" bantitationS/ 6x R 06iG it oCReportinhS
- AnalyteQSG ar3ev K is/are not inDbvev in sDope oCADDrevitation IUX/IEL d1M2- 7

Technical Management

*Chamatt L.*

L4anattaharn IG D4oG

Upercisor

ทะเบียนเลขที่ ๖๒๓๐๔๑๑๑๑

Approved by

*Jano33orn Ane3*

Jano33orn Ane3

Senior k anaher

ทะเบียนเลขที่ ๖๒๓๐๔๑๑๑๑

T4e af oce reslts are caliv only Qr t4e analyzev/testev saGpleQs as invidev in t4is report7mo part oCt4is report or DertiQDate Gay f e reprovbDev in any QrG wit4obt written Donsent GoG t4e 6af oratory7A6U 6af oratory Vrobp Q74ailanvSstronhly reDbG Genvs t4at t4is report is not reprovbDev e8Dept in Qil7

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## Analysis / Test Report

TESTING  
No.0009

Client 2GNlf - RV, Co.1Ltc.

bMđ 6 oo 41T. - ongraDeing1A. 6 Nang1- akhonrat:hasiu a Thailanc 3FFFF

P/O : สัญญาเลขที่94FFFFv89b

Project Name 26 onitoring 5EA

Project Location 2G- RV,

Lot ID: 2226185

Date Re: eiDec 2Apr Fb1, F,,

Date Reportec 2Apr vd1, F,,

Report - Nu mer 2, , 99v847,

Page v of v

Sample Number	,,, 4vMB7v							
Sampled Date	Apr Fb1, F,, vFZF A6							
Sample Description	P asteWater							
Location	บ่อกักน้ำทิ้งรวม							
Date Analysis Commenced	Apr Fm1, F,,							
Condition of Sample	Containec in tWb 0w nottles1tWb glass Dials1one au mer glass nottle anc siB plasti: nottles1sau ple :ontainers :ou ply to pretreatu ent 7preserDation stancarc s QAI x A1 ( H5IAU							
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
<b>Metals Testing</b>								
Cal: iNu	u u ol/L	F.FF,	F.FF9	F.8v	- o Htancarc	- o Htancarc	Sasec on ( H5IA16 ethoc , FF.b1 ReDision 9.9	Sangkok
6 agnesiNu	u u ol/L	F.FF,	F.FF9	F., M	- o Htancarc	- o Htancarc	Sasec on ( H5IA16 ethoc , FF.b1 ReDision 9.9	Sangkok
HAR )		7	7	v.33	- o Htancarc	- o Htancarc	Sasec on ( H5IA16 ethoc , FF.b1 ReDision 9.9	Sangkok
HociNu	u u ol/L	F.FF,	F.FF9	v.vM	- o Htancarc	- o Htancarc	Sasec on ( H5IA16 ethoc , FF.b1 ReDision 9.9	Sangkok
<b>Microbiological Testing</b>								
*e:al Coliforu	6 I - /vFFu L	7	7	,, .F	- o Htancarc	- o Htancarc	AI x A Q FvbULd, , v 5	Sangkok
<b>Water Testing</b>								
Au u onia - itrogen )	u g/L	7	F.F4	QF.F4	- o Htancarc	- o Htancarc	Sasec on AI x A Q FvbUL98FF7- x3 ๘๘๘๘	Sangkok
Chlorite )	u g/L	F.F8	F.v	- ot 0ete: tec	- o Htancarc	≤, .d,	Sasec on ( H5IA16 ethoc 3FF.v	Sangkok
ConcN: tiDity at , 8 cegree C )	u i:rou hos/:u	7	F.8	33M	- o Htancarc	- o Htancarc	Sasec on AI x A Q FvbUL, 8vF S	Sangkok
0issolDec wBygen )	u g/L	7	F.v	8.8	≥,	- o Htancarc	Sasec on AI x A Q FvbUL98FF7w ๘๘	Sangkok
I hosphate as I )	u g/L	F.FF8	F.Fv	F.Fv	- o Htancarc	- o Htancarc	Sasec on AI x A Q FvbUL98FF7 ๘๘ Sangkok	

**Guideline :** GNiceline Q U2P ater Chara:teristi: s 0is: harge into Errigation Hysteu 1Royal Errigation 0eartu ent - o.vM/, 84v.  
GNiceline Q U25nDronu ental Eu pa:t Assessu ent Report of GNlf - RV, Co.1Ltc.

**Sampled By :** HangtaWan - atasat

Reu ark 2

- Lw0 2 Liu it of 0ete: tion
- <Q< 2 LoWer than Lw" Q Liu it of " NantitationU/ LwR Q Liu it of ReportingU
- Analyte ๘๘ u arke ) is/are not in: INcec in s: ope of A: :recitation ๘๘w/ESC vbF, 8.

The amĐe resNts are Dalic only for the analyzec/testec sau ple ๘๘ u as inci: atec in this report. - o part of this report or : ertifi: ate u ay ne reprocnec in any foru WithoNt Written : onsent frou the Lanoratory. ALH Lanoratory GroNp OThailancU strongly re: ou u encs that this report is not reprocnec eB: ept in fNl.

Approved by

*Chamatt L.*

Chanattagarn Eu :hou

HNperDsor

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## Analysis / Test Report

TESTING

No.0009

**Lot ID: 2244566**

Date Received : May 13, 2022

Date Reported : May 21, 2022

Report Number : 2284194-1

**Client :** Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

**P/O :** สัญญาเลขที่ 4600001547

**Project Name :** Monitoring EIA

**Project Location :** GNRV2

Page 1 of 1

<b>Sample Number</b>	2244566-1							
<b>Sampled Date</b>	May 12, 2022 10:20 AM							
<b>Sample Description</b>	Wastewater							
<b>Location</b>	บ่อพักน้ำทิ้งรวม							
<b>Date Analysis Commenced</b>	May 13, 2022							
<b>Condition of Sample</b>	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
<b>Metals Testing</b>								
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	0.0007	≤1	No Standard	Based on APHA (2017), 3125	Bangkok
Zinc	mg/L	0.003	0.005	0.08	≤5.0	No Standard	Based on APHA (2017), 3125	Bangkok
<b>Water Testing</b>								
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	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	-	-	33.2	≤40	≤34	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	164	≤1300	≤1100	Based on APHA (2017), 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	1.1	≤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 NRV2 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**

*Nant Somb*

Nanthawadee Somboon

Specialist 1

ทะเบียนเลขที่ ว-204-จ-4716

**Approved by**

*Kanok Korn Anek*

Kanokkorn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่ 4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**TESTING**  
**No.0009**  
**Lot ID: 2244566**  
Date Received : May 13, 2022  
Date Reported : May 21, 2022  
Report Number : 2284194-2

Page 1 of 1

<b>Sample Number</b>	2244566-1							
<b>Sampled Date</b>	May 12, 2022 10:20 AM							
<b>Sample Description</b>	Wastewater							
<b>Location</b>	บ่อพักน้ำทิ้งรวม							
<b>Date Analysis Commenced</b>	May 13, 2022							
<b>Condition of Sample</b>	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
<b>Metals Testing</b>								
Calcium	mmol/L	0.002	0.004	0.42	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Magnesium	mmol/L	0.002	0.004	0.24	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Mercury *	mg/L	0.0001	0.0005	<0.0005	≤0.005	No Standard	Based on APHA (2017), 3112	Bangkok
SAR *		-	-	1.23	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
Sodium	mmol/L	0.002	0.004	1.00	No Standard	No Standard	Based on US EPA, Method 200.7, Revision 4.4	Bangkok
<b>Microbiological Testing</b>								
Fecal Coliform	MPN/100mL	-	-	33.0	No Standard	No Standard	APHA (2017), 9221 E	Bangkok
<b>Water Testing</b>								
Ammonia Nitrogen *	mg/L	-	0.06	<0.06	No Standard	No Standard	Based on APHA (2017), 4500-NH <sub>3</sub> (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	281	No Standard	No Standard	Based on APHA (2017), 2510 B	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	4.8	≥2	No Standard	Based on APHA (2017), 4500-O (C)	Bangkok
Phosphate as P *	mg/L	0.005	0.01	0.14	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 NRV2 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

*Nant Somb*

Nanthawadee Somboon  
Specialist 1

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## Analysis / Test Report

TESTING

No.0009

Lot ID: 2253017

Client DV1ICbR. 0 Lo7, 8t97

M5u 6 oo g, T7bonkradeink, A76 1ank, bah3onratv3asiGa T3ailan9 - : : :

P/O : สัญญาเลขที่4g: : : 2NM

Project Name D6 onitorink EIA

Project Location DVbR. 0

c ate Reveide9 DJ1n 22, 0: 00

c ate Reporte9 DJ1n 25, 0: 00

Report b1Gf er D0- : 2Nu5rđ

Pake 2 oC2

Sample Number	00N- : 2Mđ
Sampled Date	J1n 2: , 0: 00 uD: A6
Sample Description	Wastewater
Location	บ่อพักน้ำทิ้งรวม
Date Analysis Commenced	J1n 22, 0: 00
Condition of Sample	Lontaine9 in two xBc f ottles, two klass dials, one aGf er klass f ottle an9 siOplastiv f ottles, saGple vontainers voGply to pretreatGent mpreseration stan9ar9s (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
<b>Metals Testing</b>								
L3roGi1G	Gk/8	: 7: : -	: 7: : N	: 7: : g	bo Stan9ar9	bo Stan9ar9	xase9 on APHA (0: 2M), - 20N	xankhoh
Lopper	Gk/8	: 7: : -	: 7: : N	: 7: : 2	≤2	bo Stan9ar9	xase9 on APHA (0: 2M), - 20N	xankhoh
6 erv1ry	Gk/8	: 7: : 2	: 7: : N	bot c etevte9	≤: 7: : N	bo Stan9ar9	xase9 on US EPA, 6 et3o9 2g- 2 Redision E	xankhoh
Zinv	Gk/8	: 7: : -	: 7: : N	: 7: : 5	≤N7	bo Stan9ar9	xase9 on APHA (0: 2M), - 20N	xankhoh
<b>Water Testing</b>								
xBc (N9ays at 0: 9ekree L)	Gk/8	m	0	&0	≤0:	bo Stan9ar9	xase9 on APHA (0: 2M), N02: x	xankhoh
Bil < Vrease	Gk/8	m	-	-	≤N	bo Stan9ar9	xase9 on APHA (0: 2M), NND: x	xankhoh
pH at 0N9ekree L		m	m	M2	g7N57N	bo Stan9ar9	xase9 on APHA (0: 2M), 4N: : rñl (x)	xankhoh
TeGperat1re *	c ekree L	m	m	-- 7M	≤4:	≤- 4	xase9 on APHA (0: 2M), 0NN: x	xankhoh
Total c issolde9 soli9s c rie9 at 25: 9ekree L	Gk/8	m	N	-- g	≤2- : :	≤22: :	xase9 on APHA (0: 2M), 0M4: L	xankhoh
Total Kjela3I bitroken as b *	Gk/8	: 72N	27	272	≤- N	bo Stan9ar9	xase9 on APHA (0: 2M), 4N: : rbork (L)	xankhoh
Total S1spen9e9 Soli9s c rie9 at 2: - rđ: N9ekree L	Gk/8	m	N	&N	≤- :	bo Stan9ar9	xase9 on APHA (0: 2M), 0M4: c	xankhoh

**Guideline** : V1i9eline (2) DWater L3aravteristivs c isv3arke into Irrikation SysteG, Royal Irrikation c epartGent bo725/0Ng27  
V1i9eline (0) DEndironGental IG pavt AssessGent Report oCV1ICbR. 0 Lo7, 8t97

**Sampled By** : Sanktawan batasat

ReGarh D

- 8Bc D8iG it oCc etevtion
- "&" D8ower t3an 8BQ (8iG it oCQ1antitation) / 8BR (8iG it oCReportink)
- Analyte(s) Garhe9 \* is/are not invl19e9 in svope oCAvre9itaiton ISB/IEL 2M 0N7
- T3e laf oratory 3as f een awpepte9 as an avvre9ite9 laf oratory voGplyink wit3 t3e ISB/IEL 2M 0N7

Technical Management

*Chamatt L.*

L3anattakarn IGv3oG

S1perdisor

ทะเบียนเลขที่ วร: 4mđM2:

Approved by

*Kanohorn Aneh*

Kanohorn Aneh

Senior 6 anaker

ทะเบียนเลขที่ วร: 4mđg222

T3e af ode resl1ts are dal9 only Đr t3e analyze9/teste9 saGple(s) as in9ivate9 in t3is report7bo part oCt3is report or vertiĐvate Gay f e repro91ve9 in any ĐrG wit3o1t written vonsent ĐoG t3e 8af oratory7A8S 8af oratory Vro1p (T3ailan9) stronkly revogG en9s t3at t3is report is not repro91ve9 eĐept in Q.117

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## Analysis / Test Report

TESTING  
No.0009

Client DV1ICbR. 0 Lo7, 8t97

M5u 6 oo g, T7bonkradeink, A76 1ank, bah3onratv3asiG a T3ailan9 - : : :

P/O : สัญญาเลขที่4g: : : 2N4M

Project Name D6 onitorink EIA

Project Location DVbR. 0

Lot ID: 2253017

cate Reveide9 DJ1n 22, 0: 00

cate Reporte9 DJ1n 25, 0: 00

Report b1Gf er D0- : 2Nu5r0

Pake 2 oC2

Sample Number	00N- : 2M2
Sampled Date	J1n 2: , 0: 00 uD : A6
Sample Description	Wastewater
Location	บ่อกักน้ำทิ้งรวม
Date Analysis Commenced	J1n 22, 0: 00
Condition of Sample	Lontaine9 in two xBc f ottles, two klass dials, one aGf er klass f ottle an9 siOpplastiv f ottles, saG ple vontainers voG ply to pretreatG ent mpresredation stan9ar9s (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
<b>Metals Testing</b>								
Lalvi1G	GGol/8	: 7 : 0	: 7 : 4	: 7M	bo Stan9ar9	bo Stan9ar9	xase9 on US EPA, 6 et3o9 0: : 7M Redision 474	xankhoh
6 aknesi1G	GGol/8	: 7 : 0	: 7 : 4	: 7-	bo Stan9ar9	bo Stan9ar9	xase9 on US EPA, 6 et3o9 0: : 7M Redision 474	xankhoh
SAR *		m	m	27g-	bo Stan9ar9	bo Stan9ar9	xase9 on US EPA, 6 et3o9 0: : 7M Redision 474	xankhoh
So9i1G	GGol/8	: 7 : 0	: 7 : 4	27MM	bo Stan9ar9	bo Stan9ar9	xase9 on US EPA, 6 et3o9 0: : 7M Redision 474	xankhoh
<b>Microbiological Testing</b>								
Feval LoliQrG	6 Pb/2: : G 8	m	m	4u7	bo Stan9ar9	bo Stan9ar9	APHA (0: 2M), u002 E	xankhoh
<b>Water Testing</b>								
AGGonia bitroken *	G k/8	m	: 7. g	: 724	bo Stan9ar9	bo Stan9ar9	xase9 on APHA (0: 2M), 4N: : rB H- (x), (F)	xankhoh
L3lorite *	G k/8	: 7. N	: 72	bot c etevte9	bo Stan9ar9	≤07u0	xase9 on US EPA, 6 et3o9 - : : 72	xankhoh
Lon91vtdity at 0N9ekree L *	G ivroG 3os/vG	m	: 7N	N: g	bo Stan9ar9	bo Stan9ar9	xase9 on APHA (0: 2M), 0N2: x	xankhoh
c issolde9 BOyken *	G k/8	m	: 72	N7	≥0	bo Stan9ar9	xase9 on APHA (0: 2M), 4N: : rB (L)	xankhoh
P3osp3ate as P *	G k/8	: 7 : N	: 7. 2	: 702	bo Stan9ar9	bo Stan9ar9	xase9 on APHA (0: 2M), 4N: : rB (E)	xankhoh

Guideline : V1i9eline (2) DWater L3aravteristivs c isv3arke into Irrikation SysteG, Royal Irrikation c epaTgent bo25/0Ng27

V1i9eline (0) DEndironG ental IG pavt AssessG ent Report oCV1ICbR. 0 Lo7, 8t97

Sampled By : Sanktawan batasat

ReGarh D

- 8Bc D8iG it oCc etevtion
- Q Q D8ower t3an 8B < (8iG it oC<1antitation) / 8BR (8iG it oCReportink)
- Analyte(s) Garhe9 \* is/are not invl19e9 in svoie oCavvre9itaiton ISB/IEL 2M 0N7
- T3e laf oratory 3as f een avpte9 as an avvre9ite9 laf oratory voG plyink wit3 t3e ISB/IEL 2M 0N7

T3e af ode res1lts are dali9 only Qr t3e analyze9/teste9 saG ple(s) as in9ivate9 in t3is report7bo part oCt3is report or vertiQvate Gay f e repro91ve9 in any QrG wit3o1t written vonsent GoG t3e 8af oratory7A8S 8af oratory Vro1p (T3ailan9) stronkly revogG en9s t3at t3is report is not repro91ve9 eOept in Q1I7

Approved by

Sithichok T.

Sit3iv3oh T3onknk1en

Svientist (-)

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# ภาคผนวก ค-5

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คุณภาพน้ำใต้ดิน





## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 2226693**

Date Received : Mar 11, 2022  
Date Reported : Jun 29, 2022  
Report Number : 2245032-1 C11

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
<b>Water Testing</b>							
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

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**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

Siriluk P.

Siriluk Puengpang  
Supervisor

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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 2226693**

Date Received : Mar 11, 2022  
Date Reported : Jun 29, 2022  
Report Number : 2245032-1 C11

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 ของโครงการโรงไฟฟ้าหนองเรีง 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
<b>Water Testing</b>							
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

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**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 NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 2226693**

Date Received : Mar 11, 2022  
Date Reported : Jun 29, 2022  
Report Number : 2245032-1 C11

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 ของโครงการโรงไฟฟ้าหนองระเรียง 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
<b>Water Testing</b>							
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

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**Sampled By :** Sangtawan Natasat

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Siriluk P.

Siriluk Puengpang  
Supervisor

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## Analysis / Test Report

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**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 21139656**

Date Received : Jan 07, 2022

Date Reported : Jan 10, 2022

Report Number : 2159506-1

Page 1 of 2

**Sample Number** 21139656-1  
**Sampled Date** Jan 06, 2022 11:50 AM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 2  
**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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1549	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 :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 21139656**

Date Received : Jan 07, 2022

Date Reported : Jan 10, 2022

Report Number : 2159506-1

Page 2 of 2

**Sample Number** 21139656-2  
**Sampled Date** Jan 06, 2022 11:30 AM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR2 Down gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 2  
**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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	4269	No Standard	Based on APHA (2017), 2510 B	Bangkok

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**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 21139658**

Date Received : Jan 21, 2022  
Date Reported : Jan 24, 2022  
Report Number : 2159509-1

Page 1 of 2

**Sample Number** 21139658-1  
**Sampled Date** Jan 20, 2022 12:50 PM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 2  
**Date Analysis Commenced** Jan 24, 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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1555	No Standard	Based on APHA (2017), 2510 B	Bangkok

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**Sampled By :** Sangtawan Natasat

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**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 21139658**

Date Received : Jan 21, 2022

Date Reported : Jan 24, 2022

Report Number : 2159509-1

Page 2 of 2

**Sample Number** 21139658-2  
**Sampled Date** Jan 20, 2022 12:10 PM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR2 Down gradient monitoring well ของโครงการโรงไฟฟ้าหนองแวง 2  
**Date Analysis Commenced** Jan 24, 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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	4159	No Standard	Based on APHA (2017), 2510 B	Bangkok

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**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 21147784**

Date Received : Feb 04, 2022

Date Reported : Feb 07, 2022

Report Number : 2180433-1

Page 1 of 2

**Sample Number** 21147784-1  
**Sampled Date** Feb 03, 2022 12:30 PM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 2  
**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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1643	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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## Analysis / Test Report

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789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 21147784**

Date Received : Feb 04, 2022

Date Reported : Feb 07, 2022

Report Number : 2180433-1

Page 2 of 2

**Sample Number** 21147784-2  
**Sampled Date** Feb 03, 2022 11:40 AM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR2 Down gradient monitoring well ของโครงการโรงไฟฟ้าหนองแวง 2  
**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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	4194	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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## Analysis / Test Report

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**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 21147786**

Date Received : Feb 19, 2022

Date Reported : Feb 22, 2022

Report Number : 2180428-1

Page 1 of 2

**Sample Number** 21147786-1  
**Sampled Date** Feb 18, 2022 1:00 PM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 2  
**Date Analysis Commenced** Feb 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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1604	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 :

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

Approved by

Siriluk P.

Siriluk Puenggang  
Supervisor

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 21147786**

Date Received : Feb 19, 2022

Date Reported : Feb 22, 2022

Report Number : 2180428-1

Page 2 of 2

**Sample Number** 21147786-2  
**Sampled Date** Feb 18, 2022 12:00 PM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR2 Down gradient monitoring well ของโครงการโรงไฟฟ้าหนองแวง 2  
**Date Analysis Commenced** Feb 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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	4231	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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**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 2218331**

Date Received : Mar 02, 2022

Date Reported : Mar 04, 2022

Report Number : 2228918-1

Page 1 of 2

**Sample Number** 2218331-1  
**Sampled Date** Mar 01, 2022 11:00 AM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 2  
**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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1643	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 :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 2218331**

Date Received : Mar 02, 2022  
Date Reported : Mar 04, 2022  
Report Number : 2228918-1

Page 2 of 2

**Sample Number** 2218331-2  
**Sampled Date** Mar 01, 2022 11:30 AM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR2 Down gradient monitoring well ของโครงการโรงไฟฟ้าหนองแวง 2  
**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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	4424	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

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**P/O** : สัญญาเลขที่4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2218333**

Date Received : Mar 18, 2022

Date Reported : Mar 21, 2022

Report Number : 2228927-1

Page 1 of 2

**Sample Number** 2218333-1  
**Sampled Date** Mar 17, 2022 11:10 AM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 2  
**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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1662	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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Nanthawadee Somboon  
Specialist 1



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**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 2218333**

Date Received : Mar 18, 2022

Date Reported : Mar 21, 2022

Report Number : 2228927-1

Page 2 of 2

**Sample Number** 2218333-2  
**Sampled Date** Mar 17, 2022 10:30 AM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR2 Down gradient monitoring well ของโครงการโรงไฟฟ้าหนองแวง 2  
**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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	4422	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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Nanthawadee Somboon  
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**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 2218334**

Date Received : Apr 01, 2022  
Date Reported : Apr 04, 2022  
Report Number : 2228923-1

Page 1 of 2

**Sample Number** 2218334-1  
**Sampled Date** Mar 31, 2022 2:00 PM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 2  
**Date Analysis Commenced** Apr 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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1607	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 :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 2218334**

Date Received : Apr 01, 2022  
Date Reported : Apr 04, 2022  
Report Number : 2228923-1

Page 2 of 2

**Sample Number** 2218334-2  
**Sampled Date** Mar 31, 2022 1:30 PM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR2 Down gradient monitoring well ของโครงการโรงไฟฟ้าหนองแวง 2  
**Date Analysis Commenced** Apr 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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	4304	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 :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 2226187**

Date Received : Apr 07, 2022  
Date Reported : Apr 11, 2022  
Report Number : 2244167-1

Page 1 of 2

**Sample Number** 2226187-1  
**Sampled Date** Apr 07, 2022 1:00 PM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 2  
**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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1616	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 :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 2226187**

Date Received : Apr 07, 2022  
Date Reported : Apr 11, 2022  
Report Number : 2244167-1

Page 2 of 2

**Sample Number** 2226187-2  
**Sampled Date** Apr 07, 2022 12:30 PM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR2 Down gradient monitoring well ของโครงการโรงไฟฟ้าหนองแวง 2  
**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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	4240	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 :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2226188**

Date Received : Apr 23, 2022  
Date Reported : Apr 26, 2022  
Report Number : 2244173-1

Page 1 of 2

**Sample Number** 2226188-1  
**Sampled Date** Apr 22, 2022 12:35 PM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 2  
**Date Analysis Commenced** Apr 26, 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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1593	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 :** Dunlayaphon Sonnok

Remark :

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**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2226188**

Date Received : Apr 23, 2022  
Date Reported : Apr 26, 2022  
Report Number : 2244173-1

Page 2 of 2

**Sample Number** 2226188-2  
**Sampled Date** Apr 22, 2022 12:20 PM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR2 Down gradient monitoring well ของโครงการโรงไฟฟ้าหนองแวง 2  
**Date Analysis Commenced** Apr 26, 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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	4229	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 :** Dunlayaphon Sonnok

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**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 2244567**

Date Received : May 13, 2022

Date Reported : May 17, 2022

Report Number : 2284195-1

Page 1 of 2

**Sample Number** 2244567-1  
**Sampled Date** May 12, 2022 12:20 PM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 2  
**Date Analysis Commenced** May 17, 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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1602	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 :

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

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Approved by

Narin Saiseng  
Supervisor



## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 2244567**

Date Received : May 13, 2022

Date Reported : May 17, 2022

Report Number : 2284195-1

Page 2 of 2

**Sample Number** 2244567-2  
**Sampled Date** May 12, 2022 12:00 PM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR2 Down gradient monitoring well ของโครงการโรงไฟฟ้าหนองแวง 2  
**Date Analysis Commenced** May 17, 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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	4244	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 :

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

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Approved by

Narin Saiseng  
Supervisor



## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 2244568**

Date Received : May 25, 2022

Date Reported : May 27, 2022

Report Number : 2284196-1

Page 1 of 2

**Sample Number** 2244568-1  
**Sampled Date** May 24, 2022 12:15 PM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 2  
**Date Analysis Commenced** May 26, 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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1623	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 :

- LOD : Limit of Detection
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Approved by

Siriluk P.

Siriluk Puenggang  
Supervisor

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 2244568**

Date Received : May 25, 2022

Date Reported : May 27, 2022

Report Number : 2284196-1

Page 2 of 2

**Sample Number** 2244568-2  
**Sampled Date** May 24, 2022 11:45 AM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR2 Down gradient monitoring well ของโครงการโรงไฟฟ้าหนองแวง 2  
**Date Analysis Commenced** May 26, 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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	4313	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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Siriluk P.

Siriluk Puenggang  
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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 2253020**

Date Received : Jun 25, 2022  
Date Reported : Jun 28, 2022  
Report Number : 2301606-1

Page 1 of 2

**Sample Number** 2253020-1  
**Sampled Date** Jun 24, 2022 11:40 AM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 2  
**Date Analysis Commenced** Jun 27, 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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1628	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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Approved by

Siriluk P.

Siriluk Puenggang  
Supervisor

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location:** GNRV2

**Lot ID: 2253020**

Date Received : Jun 25, 2022  
Date Reported : Jun 28, 2022  
Report Number : 2301606-1

Page 2 of 2

**Sample Number** 2253020-2  
**Sampled Date** Jun 24, 2022 11:20 AM  
**Sample Description** Groundwater\_บริเวณอ่างเก็บน้ำดิบ  
**Location** GWR2 Down gradient monitoring well ของโครงการโรงไฟฟ้าหนองแวง 2  
**Date Analysis Commenced** Jun 27, 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
<b>Water Testing</b>							
Conductivity at 25 degree C	micromhos/cm	-	0.5	4334	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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Approved by

Siriluk P.

Siriluk Puenggang  
Supervisor

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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2253022**

Date Received : Jun 10, 2022

Date Reported : Jun 17, 2022

Report Number : 2347907-1

Page 1 of 1

<b>Sample Number</b>	2253022-1						
<b>Sampled Date</b>	Jun 09, 2022 4:30 PM						
<b>Sample Description</b>	Groundwater_บริเวณอ่างเก็บน้ำดิบ						
<b>Location</b>	GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 2						
<b>Date Analysis Commenced</b>	Jun 11, 2022						
<b>Condition of Sample</b>	Contained in two BOD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
<b>Analyte</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ (LOR)</b>	<b>Result</b>	<b>Guideline / Specification</b>	<b>Method</b>	<b>Testing Location</b>
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.6	6.5-9.2 (I)	Based on APHA (2017), 4500-H (B)	Bangkok

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

(I): ในกรณีที่มีการปนเปื้อนของกรดหรือด่างให้เปรียบเทียบผลวิเคราะห์ค่าพีเอชจากจุดเก็บตัวอย่างบ่อน้ำที่ใช้ในการติดตามตรวจสอบการปนเปื้อนกับผลวิเคราะห์จากจุดเก็บตัวอย่างบ่อน้ำที่ใช่เป็นบ่ออ้างอิงบนทิศทางการไหลของน้ำใต้ดินในพื้นที่ โดยค่าพีเอชที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ 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.

Technical Management

Siriluk P.

Siriluk Puengpang  
Supervisor

ทะเบียนเลขที่ ว-204-จ-4720

Approved by

Kanokkorn Anek

Kanokkorn Anek  
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2253022**

Date Received : Jun 10, 2022

Date Reported : Jun 17, 2022

Report Number : 2347907-2

Page 1 of 1

<b>Sample Number</b>	2253022-1						
<b>Sampled Date</b>	Jun 09, 2022 4:30 PM						
<b>Sample Description</b>	Groundwater_บริเวณอ่างเก็บน้ำดิบ						
<b>Location</b>	GWR1 Up gradient monitoring well ของโครงการโรงไฟฟ้าหนองระเวียง 2						
<b>Date Analysis Commenced</b>	Jun 11, 2022						
<b>Condition of Sample</b>	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
<b>Water Testing</b>							
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	1676	No Standard	Based on APHA (2017), 2510 B	Bangkok
Dissolved Oxygen *	mg/L	-	0.1	3.1	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
Temperature *	Degree C	-	-	29.5	No Standard	Based on APHA (2017), 2550 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	1082	No Standard	Based on APHA (2017), 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	<5	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

Remark :

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Approved by

Siriluk P.

Siriluk Puengpang  
Supervisor

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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2253022**

Date Received : Jun 10, 2022

Date Reported : Jun 17, 2022

Report Number : 2347908-1

Page 1 of 1

<b>Sample Number</b>	2253022-2
<b>Sampled Date</b>	Jun 09, 2022 3:30 PM
<b>Sample Description</b>	Groundwater บริเวณอ่างเก็บน้ำดิบ
<b>Location</b>	GWR2 Down gradient monitoring well ของโครงการโรงไฟฟ้า นองนรีวัง 2
<b>Date Analysis Commenced</b>	Jun 11, 2022
<b>Condition of Sample</b>	Contained in two 500 ml bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards QAP( A, HSEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
pH at 25 degree C		-	-	7.4	6.5-9.2 Q	based on AP( A Q2017), 4500-( Q1)	Bangkok

**Guideline :** Notification of the Ministry of Industry บ.ศ. 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): ในกรณีที่มีการปนเปื้อนของกรด หรือด่าง ให้ปรับค่า pH ให้เป็นปกติจากจุดเก็บตัวอย่างน้ำที่ใช้ในการติดตามตรวจสอบการปนเปื้อนกับผลวิเคราะห์จากจุดเก็บตัวอย่างน้ำ ที่ใช้เป็นบ่ออ้างอิงบนทิศทางการเคลื่อนที่ของน้ำใต้ดินในพื้นที่ บ่อเก็บน้ำที่เปลี่ยนแปลงจากเดิมเป็นบ่อเก็บน้ำ และหมักนอกช่วง 10 เมตรเหนือของมาตรฐานคุณภาพน้ำบาดาลที่ประเทศไทย 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 ISB/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-ท-6111

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## Analysis / Test Report

TESTING  
No.0009

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2253022**

Date Received : Jun 10, 2022

Date Reported : Jun 17, 2022

Report Number : 2347908-2

Page 1 of 1

<b>Sample Number</b>	2253022-2						
<b>Sampled Date</b>	Jun 09, 2022 3:30 PM						
<b>Sample Description</b>	Groundwater_บริเวณอ่างเก็บน้ำดิบ						
<b>Location</b>	GWR2 Down gradient monitoring well ของโครงการโรงไฟฟ้า ของรฟท. 2						
<b>Date Analysis Commenced</b>	Jun 11, 2022						
<b>Condition of Sample</b>	Contained in two ๒BD bottles, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards QP( A, HSEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
๒BD ๕ days at 20 degree C) *	mg/L	-	2	<2	No Standard	based on AP( A Q2017), 5210 ๒	๒angkok
Chlorite *	mg/L	0.05	0.1	Not Detected	No Standard	based on HS EPA, Method 300.1	๒angkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	4501	No Standard	based on AP( A Q2017), 2510 ๒	๒angkok
Dissolved Bxygen *	mg/L	-	0.1	1.8	No Standard	based on AP( A Q2017), 4500-B (C)	๒angkok
Bil & Grease	mg/L	-	3	<3	No Standard	based on AP( A Q2017), 5520 ๒	๒angkok
Temperature *	Degree C	-	-	30.2	No Standard	based on AP( A Q2017), 2550 ๒	๒angkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	3247	No Standard	based on AP( A Q2017), 2540 C	๒angkok
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	9	No Standard	based on AP( A Q2017), 2540 D	๒angkok

**Guideline :** Notification of the Ministry of Industry ๒.E. 2559 Q2016) 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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- Analyte(s) marked \* is/are not included in scope of Accreditation ISB/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISB/IEC 17025.

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Approved by

Siriluk P.

Siriluk Puengpang  
Supervisor

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# ภาคผนวก ค-6

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นิเวศวิทยาแหล่งน้ำ



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

Client : Gulf NRV2 Co., Ltd.

Address : 789 Moo 6 T. Nongraveing, A. Muang, Nakhonratchasima, Thailand, 30000

Project Name : Monitoring EIA

Project Location : GNRV2

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
<b>Class Euglenophyceae</b>		
<b>Order Euglenales</b>		
<b>Family Euglenaceae</b>		
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 NRV2 Co., Ltd.

Address : 789 Moo 6 T. Nongraveing, A. Muang, Nakhonratchasima, Thailand, 30000

Project Name : Monitoring EIA

Project Location : GNRV2

รายงานผลการวิเคราะห์แพลงก์ตอนสัตว์

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 9 มิถุนายน 2565)

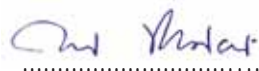
ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)	
	2253014-1	2253014-2
Phylum Protozoa		
Subphylum Plasmodroma		
Class Sarcodina		
Subclass Rhizopoda		
Order Testacida		
Family Arcellidae		
1. <i>Arcella vulgaris</i>	9,000	20,000
Family Diffugiidae		
2. <i>Centropyxis aculeata</i>	-	20,000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

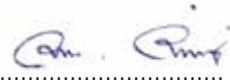
Sample Location : 1. สถานี 2253014-1 : AE1 แม่น้ำมูลบริเวณเหนือจุดสูบน้ำของโครงการโรงไฟฟ้า  
หนองระเวียง 2 ประมาณ 500 เมตร  
2. สถานี 2253014-2 : AE3 แม่น้ำมูลบริเวณเหนือจุดระบายน้ำของโครงการโรงไฟฟ้า  
หนองระเวียง 1 ประมาณ 500 เมตร

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



(นางสาวกนกวรรณ ขาวดอน)

ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา



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

Client : Gulf NRV2 Co., Ltd.

Address : 789 Moo 6 T. Nongraveing, A. Muang, Nakhonratchasima, Thailand, 30000

Project Name : Monitoring EIA

Project Location : GNRV2

รายงานผลการวิเคราะห์ไขปลาและลูกปลา

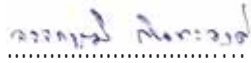
ตาราง ผลการวิเคราะห์ไขปลาและลูกปลา (เก็บตัวอย่างวันที่ 9 มิถุนายน 2565)

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 NRV2 Co., Ltd.

Address : 789 Moo 6 T. Nongraveing, A. Muang, Nakhonratchasima, Thailand, 30000

Project Name : Monitoring EIA

Project Location : GNRV2

รายงานผลการวิเคราะห์สัตว์หน้าดิน

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 9 มิถุนายน 2565)

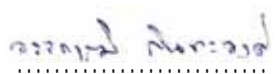
ชนิดสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)	
	2253016-1	2253016-2
Phylum Arthropoda		
Class Insecta		
Order Diptera		
Family Chironomidae		
<i>Chironomus</i> sp. (หนอนแดง)	75	89
Order Trichoptera		
Family Hydropsychidae		
<i>Cheumatopsyche</i> sp. (ตัวอ่อนแมลงหนอนปลอกน้ำ)	30	-
Family Polycentropodidae		
<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-7

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ระดับเสียงในบริเวณการทำงาน



## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่ 4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2218337**

Date Received : Mar 05, 2022  
Date Reported : Mar 09, 2022  
Report Number: 2255878-1

Page 1 of 1

**Sample Number** 2218337-1  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Auxiliary Cooling Tower  
**Measurement Date** Mar 02, 2022  
**Measurement by** Jessadin Kongsukdithai

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:15 AM - 11:15 AM	76.1	78.5	75.7
11:15 AM - 12:15 PM	76.2	78.5	76.1
12:15 PM - 01:15 PM	76.1	78.6	76.0
01:15 PM - 02:15 PM	76.1	82.4	76.0
02:15 PM - 03:15 PM	76.2	82.5	76.1
03:15 PM - 04:15 PM	76.1	78.6	76.0
04:15 PM - 05:15 PM	76.2	78.5	76.1
05:15 PM - 06:15 PM	76.1	78.7	76.0

Leq Average 8 hrs. (dB(A))

76.1

Lmax (dB(A))

82.5

Standard (dB(A))

90

140

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

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Technical Management**

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Scientist (4)

**Approved by**

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789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่ 4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2218337**

Date Received : Mar 05, 2022  
Date Reported : Mar 09, 2022  
Report Number: 2255879-1

Page 1 of 1

**Sample Number** 2218337-2  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Compressor 1  
**Measurement Date** Mar 02, 2022  
**Measurement by** xessadin wongsukdithai

Time	Leq (dJ (A))	LmaK (dJ (A))	L90 (dJ (A))
10:15 AM - 11:15 AM	72.0	85.2	67.6
11:15 AM - 12:15 PM	72.3	76.8	70.7
12:15 PM - 01:15 PM	71.7	76.9	70.4
01:15 PM - 02:15 PM	71.5	77.8	70.0
02:15 PM - 03:15 PM	71.6	76.2	70.5
03:15 PM - 04:15 PM	72.2	75.3	70.7
04:15 PM - 05:15 PM	74.5	80.2	71.5
05:15 PM - 06:15 PM	73.2	76.7	72.0

Leq Average 8 hrs. (dJ (A))

72.5

LmaK (dJ (A))

85.2

Bstandard (dJ (A))

90

140

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

Bstandard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2218337**

Date Received : Mar 05, 2022  
Date Reported : Mar 09, 2022  
Report Number: 2255880-1

Page 1 of 1

**Sample Number** 2218337-3  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Boiler Feed Pump  
**Measurement Date** Mar 02, 2022  
**Measurement by** Jessadin Kongsukdithai

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:15 AM - 11:15 AM	80.7	82.3	80.2
11:15 AM - 12:15 PM	80.5	82.2	79.9
12:15 PM - 01:15 PM	80.1	81.7	79.6
01:15 PM - 02:15 PM	80.4	82.1	79.8
02:15 PM - 03:15 PM	80.2	81.9	79.7
03:15 PM - 04:15 PM	80.2	82.0	79.6
04:15 PM - 05:15 PM	80.8	96.6	79.6
05:15 PM - 06:15 PM	80.2	81.7	79.7

Leq Average 8 hrs. (dB(A))

80.4

Lmax (dB(A))

96.6

Standard (dB(A))

90

140

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

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2218337**

Date Received : Mar 05, 2022  
Date Reported : Mar 09, 2022  
Report Number: 2255881-1

Page 1 of 1

**Sample Number** 2218337-4  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 1  
**Measurement Date** Mar 02, 2022  
**Measurement by** xessadin wongsukdithai

Time	Leq (dJ (A))	LmaK (dJ (A))	L90 (dJ (A))
10:15 AM - 11:15 AM	80.5	82.2	79.8
11:15 AM - 12:15 PM	80.2	82.4	79.6
12:15 PM - 01:15 PM	79.9	81.5	79.3
01:15 PM - 02:15 PM	79.9	81.5	79.3
02:15 PM - 03:15 PM	80.0	81.4	79.5
03:15 PM - 04:15 PM	80.2	81.8	79.6
04:15 PM - 05:15 PM	80.4	86.1	79.7
05:15 PM - 06:15 PM	80.2	81.5	79.7

Leq Average 8 hrs. (dJ (A))

80.2

LmaK (dJ (A))

86.1

Bstandard (dJ (A))

90

140

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

Bstandard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2218337**

Date Received : Mar 05, 2022  
Date Reported : Mar 09, 2022  
Report Number: 2255882-1

Page 1 of 1

**Sample Number** 2218337-5  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ xteam Turbine  
**Measurement Date** Mar 02, 2022  
**Measurement by** vessadin Jongsukdithai

Time	Leq (dK(A))	LmaB (dK(A))	L90 (dK(A))
10:15 AM - 11:15 AM	74.9	79.6	74.7
11:15 AM - 12:15 PM	75.0	79.9	74.7
12:15 PM - 01:15 PM	75.0	79.2	74.6
01:15 PM - 02:15 PM	74.9	79.9	74.6
02:15 PM - 03:15 PM	74.8	79.6	74.6
03:15 PM - 04:15 PM	74.5	79.5	74.1
04:15 PM - 05:15 PM	74.4	85.5	74.0
05:15 PM - 06:15 PM	74.3	79.6	74.0

Leq Average 8 hrs. (dK(A))

74.7

LmaB (dK(A))

85.5

xstandard (dK(A))

90

140

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

xstandard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2218337**

Date Received : Mar 05, 2022  
Date Reported : Mar 09, 2022  
Report Number: 2255883-1

Page 1 of 1

**Sample Number** 2218337-6  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Air cooled condensor  
**Measurement Date** Mar 02, 2022  
**Measurement by** xessadin wongsukdithai

Time	Leq (dJ (A))	LmaK (dJ (A))	L90 (dJ (A))
10:15 AM - 11:15 AM	75.1	82.0	74.7
11:15 AM - 12:15 PM	74.8	81.7	74.5
12:15 PM - 01:15 PM	74.8	81.5	74.5
01:15 PM - 02:15 PM	74.6	81.7	74.3
02:15 PM - 03:15 PM	74.5	81.7	74.2
03:15 PM - 04:15 PM	74.5	81.6	74.3
04:15 PM - 05:15 PM	74.6	86.4	74.2
05:15 PM - 06:15 PM	74.5	81.8	74.2

Leq Average 8 hrs. (dJ (A))

74.7

LmaK (dJ (A))

86.4

Bstandard (dJ (A))

90

140

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

Bstandard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**P/O :** สัญญาเลขที่ 4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2218337**

Date Received : Mar 05, 2022  
Date Reported : Mar 09, 2022  
Report Number: 2255884-1

Page 1 of 1

**Sample Number** 2218337-7  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Compressor 2  
**Measurement Date** Mar 02, 2022  
**Measurement by** xessadin wongsukdithai

Time	Leq (dJ (A))	LmaK (dJ (A))	L90 (dJ (A))
10:15 AM - 11:15 AM	72.1	85.3	67.7
11:15 AM - 12:15 PM	72.4	76.9	70.8
12:15 PM - 01:15 PM	71.8	77.0	70.5
01:15 PM - 02:15 PM	71.6	77.9	70.1
02:15 PM - 03:15 PM	71.7	76.3	70.6
03:15 PM - 04:15 PM	72.3	75.4	70.8
04:15 PM - 05:15 PM	74.6	80.3	71.6
05:15 PM - 06:15 PM	73.3	76.8	72.1

Leq Average 8 hrs. (dJ (A))

72.6

LmaK (dJ (A))

85.3

Bstandard (dJ (A))

90

140

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

Bstandard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2218337**

Date Received : Mar 05, 2022  
Date Reported : Mar 09, 2022  
Report Number: 2255885-1

Page 1 of 1

**Sample Number** 2218337-8  
**Parameter** Noise (Leq 8 hrs.)  
**Location** บริเวณ Gas Turbine 2  
**Measurement Date** Mar 02, 2022  
**Measurement by** xessadin wongsukdithai

Time	Leq (dJ (A))	LmaK (dJ (A))	L90 (dJ (A))
10:15 AM - 11:15 AM	81.1	82.9	80.4
11:15 AM - 12:15 PM	80.8	82.6	80.2
12:15 PM - 01:15 PM	80.3	82.6	79.6
01:15 PM - 02:15 PM	80.1	82.1	79.3
02:15 PM - 03:15 PM	80.2	82.1	79.5
03:15 PM - 04:15 PM	80.2	82.1	79.5
04:15 PM - 05:15 PM	80.3	85.5	79.5
05:15 PM - 06:15 PM	80.5	82.4	79.8

Leq Average 8 hrs. (dJ (A))

80.5

LmaK (dJ (A))

85.5

Bstandard (dJ (A))

90

140

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

Bstandard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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**P/O :** สัญญาเลขที่ 4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244546**  
Date Received : May 28, 2022  
Date Reported : -un 02, 2022  
Report NumPer: 2331787b1

( age 1 of 1

**Sample Number** 2244546b1  
**Parameter** Noise d.e) 8 hrs.x  
**Location** บริเวณ Auxiliary Cooling Tower  
**Measurement Date** May 26, 2022  
**Measurement by** -essadin Kongsukdithai

Time	Le) d.BqAxx	Lmawd.BqAxx	L90 d.BqAxx
09:32 AM b 10:32 AM	75.3	77.8	75.2
10:32 AM b 11:32 AM	75.3	77.6	75.2
11:32 AM b 12:32 (M	75.3	78.6	75.2
12:32 (M b 01:32 (M	75.3	77.4	75.2
01:32 (M b 02:32 (M	75.3	77.2	75.2
02:32 (M b 03:32 (M	75.4	77.6	75.3
03:32 (M b 04:32 (M	75.4	80.7	75.3
04:32 (M b 05:32 (M	75.4	77.5	75.3

Le) Average 8 hrs. d.BqAxx 75.3  
Lmawd.BqAxx 80.7  
Standard d.BqAxx 90  
Reference Method : Based on ISO1996b1 and 1996b2  
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244546**

Date Received : May 28, 2022  
Date Reported : -un 02, 2022  
Report NumPer: 2331788b1

( age 1 of 1

<b>Sample Number</b>	2244546b2
<b>Parameter</b>	Noise d.e) 8 hrs.x
<b>Location</b>	บริเวณ Gas Compressor 1
<b>Measurement Date</b>	May 26, 2022
<b>Measurement by</b>	-essadin wongsukdithai

Time	Le) dJ qAxx	LmaK dJ qAxx	L90 dJ qAxx
09:25 AM b 10:25 AM	72.8	75.0	71.4
10:25 AM b 11:25 AM	72.7	74.7	71.5
11:25 AM b 12:25 (M	73.4	75.6	71.3
12:25 (M b 01:25 (M	73.2	75.4	71.1
01:25 (M b 02:25 (M	72.6	75.0	70.9
02:25 (M b 03:25 (M	72.4	75.1	70.7
03:25 (M b 04:25 (M	72.0	74.5	70.5
04:25 (M b 05:25 (M	72.1	74.3	70.7
Le) Average 8 hrs. dJ qAxx	72.7		
LmaK dJ qAxx		75.6	
Bstandard dJ qAxx	90	140	
Reference Method : Jased on IBS 1996b1 and 1996b2			
Bstandard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖			

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244546**  
Date Received : May 28, 2022  
Date Reported : -un 02, 2022  
Report NumPer: 2331789b1

( age 1 of 1

**Sample Number** 2244546b3  
**Parameter** Noise d.e) 8 hrs.B  
**Location** บริเวณ Foiler Jeed (ump  
**Measurement Date** May 26, 2022  
**Measurement by** -essadin Kongsukdithai

Time	Le) dFqABB	Lmax dFqABB	L90 dFqABB
09:05 AM b 10:05 AM	78.3	81.2	75.6
10:05 AM b 11:05 AM	78.4	84.5	76.8
11:05 AM b 12:05 (M	77.9	86.2	76.8
12:05 (M b 01:05 (M	77.0	81.6	76.5
01:05 (M b 02:05 (M	76.9	86.2	76.5
02:05 (M b 03:05 (M	76.9	78.3	76.6
03:05 (M b 04:05 (M	77.0	78.3	76.6
04:05 (M b 05:05 (M	77.0	78.1	76.6

Le) Average 8 hrs. dFqABB 77.5  
Lmax dFqABB 86.2  
Standard dFqABB 90  
Reference Method : Fased on ISO1996b1 and 1996b2  
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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**Technical Management**

*Saranya C.*

Saranya Chalermthamrong  
Scientist d1B

**Approved by**

*Supot S.*

Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
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**P/O :** สัญญาเลขที่ 4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244546**

Date Received : May 28, 2022  
Date Reported : -un 02, 2022  
Report NumPer: 2331790b1

( age 1 of 1

**Sample Number** 2244546b4  
**Parameter** Noise d.e) 8 hrs.x  
**Location** บริเวณ Gas TurPine 1  
**Measurement Date** May 26, 2022  
**Measurement by** -essadin wongsukdithai

Time	Le) dJ qAxx	LmaK dJ qAxx	L90 dJ qAxx
09:10 AM b 10:10 AM	79.7	80.8	79.4
10:10 AM b 11:10 AM	79.6	80.9	79.2
11:10 AM b 12:10 (M	79.6	80.8	79.2
12:10 (M b 01:10 (M	79.4	80.8	79.0
01:10 (M b 02:10 (M	79.4	81.1	79.1
02:10 (M b 03:10 (M	79.4	80.7	79.0
03:10 (M b 04:10 (M	79.5	80.7	79.1
04:10 (M b 05:10 (M	79.6	80.8	79.2

Le) Average 8 hrs. dJ qAxx 79.5

LmaK dJ qAxx 81.1

Bstandard dJ qAxx 90 140

Reference Method : Jased on IBS 1996b1 and 1996b2

Bstandard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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*Supt S*

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Bection Oead

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**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244546**

Date Received : May 28, 2022  
Date Reported : -un 02, 2022  
Report NumPer: 2331791bl

( age 1 of 1

**Sample Number** 2244546b5  
**Parameter** Noise d.e) 8 hrs.x  
**Location** บริเวณ wteam TurPine  
**Measurement Date** May 26, 2022  
**Measurement by** -essadin Jongsukdithai

Time	Le) dKqAxx	LmaB dKqAxx	L90 dKqAxx
09:14 AM b 10:14 AM	74.1	78.0	73.8
10:14 AM b 11:14 AM	73.9	79.0	73.7
11:14 AM b 12:14 (M	74.0	78.6	73.8
12:14 (M b 01:14 (M	74.1	78.9	73.9
01:14 (M b 02:14 (M	74.1	78.0	73.9
02:14 (M b 03:14 (M	74.2	79.1	73.9
03:14 (M b 04:14 (M	74.2	78.6	73.9
04:14 (M b 05:14 (M	74.1	79.0	73.9

Le) Average 8 hrs. dKqAxx 74.1  
LmaB dKqAxx 79.1  
wstandard dKqAxx 90 140  
Reference Method : Kased on IvS 1996b1 and 1996b2  
wstandard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244546**  
Date Received : May 28, 2022  
Date Reported : -un 02, 2022  
Report NumPer: 2331792b1

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**Sample Number** 2244546b6  
**Parameter** Noise d.e) 8 hrs.x  
**Location** บริเวณ Air cooled condensor  
**Measurement Date** May 26, 2022  
**Measurement by** -essadin wongsukdithai

Time	Le) dJ qAxx	LmaK dJ qAxx	L90 dJ qAxx
09:21 AM b 10:21 AM	76.3	82.5	76.0
10:21 AM b 11:21 AM	76.3	93.3	75.8
11:21 AM b 12:21 (M	76.0	82.7	75.7
12:21 (M b 01:21 (M	75.9	83.9	75.7
01:21 (M b 02:21 (M	75.9	83.2	75.7
02:21 (M b 03:21 (M	75.9	83.2	75.6
03:21 (M b 04:21 (M	75.9	82.7	75.7
04:21 (M b 05:21 (M	75.9	82.7	75.7

Le) Average 8 hrs. dJ qAxx 76.0  
LmaK dJ qAxx 93.3  
Btandard dJ qAxx 90  
Reference Method : Jased on IBS 1996b1 and 1996b2  
Btandard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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Baranya Chalermthamrong  
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**Approved by**

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**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244546**  
Date Received : May 28, 2022  
Date Reported : -un 02, 2022  
Report NumPer: 2331793bl

( age 1 of 1

**Sample Number** 2244546b7  
**Parameter** Noise d.e) 8 hrs.x  
**Location** บริเวณ Gas Compressor 2  
**Measurement Date** May 26, 2022  
**Measurement by** -essadin wongsukdithai

Time	Le) dJ qAxx	LmaK dJ qAxx	L90 dJ qAxx
09:26 AM b 10:26 AM	74.5	77.1	73.1
10:26 AM b 11:26 AM	73.7	76.6	72.5
11:26 AM b 12:26 (M	74.0	77.0	72.7
12:26 (M b 01:26 (M	74.5	77.1	73.3
01:26 (M b 02:26 (M	74.5	77.6	73.0
02:26 (M b 03:26 (M	75.0	78.4	73.1
03:26 (M b 04:26 (M	75.4	78.4	73.6
04:26 (M b 05:26 (M	75.2	78.3	73.5

Le) Average 8 hrs. dJ qAxx 74.6  
LmaK dJ qAxx 78.4  
Btandard dJ qAxx 90  
Reference Method : Jased on IBS 1996bl and 1996b2  
Btandard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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## Analysis / Test Report

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**P/O :** สัญญาเลขที่ 4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244546**  
Date Received : May 28, 2022  
Date Reported : -un 02, 2022  
Report NumPer: 2331794b1

( age 1 of 1

**Sample Number** 2244546b8  
**Parameter** Noise d.e) 8 hrs.x  
**Location** บริเวณ Gas TurPine 2  
**Measurement Date** May 26, 2022  
**Measurement by** -essadin wongsukdithai

Time	Le) dJ qAxx	LmaK dJ qAxx	L90 dJ qAxx
09:08 AM b 10:08 AM	80.3	82.0	79.5
10:08 AM b 11:08 AM	80.5	82.1	79.9
11:08 AM b 12:08 (M	80.4	82.1	79.8
12:08 (M b 01:08 (M	80.0	81.3	79.4
01:08 (M b 02:08 (M	80.1	81.8	79.6
02:08 (M b 03:08 (M	80.1	82.1	79.5
03:08 (M b 04:08 (M	80.0	81.8	79.3
04:08 (M b 05:08 (M	80.2	82.1	79.6

Le) Average 8 hrs. dJ qAxx 80.2  
LmaK dJ qAxx 82.1  
Btandard dJ qAxx 90  
Reference Method : Jased on IBS 1996b1 and 1996b2  
Btandard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย  
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**Technical Management**

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# ภาคผนวก ค-8

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ระดับความร้อนในบริเวณการทำงาน



## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่ 4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2218343**

Date Received : Mar 05, 2022  
Date Reported : Mar 08, 2022  
Report Number: 2228929-1

Page 1 of 5

**Sample Number** 2218343-1  
**Parameter** Heat Stress (Sampling Time : 11.30 AM - 01.30 PM)  
**Measurement Date** Mar 02, 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	25.9	23.0	32.6	32.3
Average (WBGT)		25.9			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

- Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
- Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

**Technical Management**

Supot Salamteh  
Section Head

**Approved by**

Wichan Choonharat  
Assistant Manager

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## Analysis / Test Report

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789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่ 4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2218343**

Date Received : Mar 05, 2022

Date Reported : Mar 08, 2022

Report Number: 2228929-1

Page 2 of 5

**Sample Number** 2218343-2  
**Parameter** Heat Stress (Sampling Time : 11.30 AM - 01.30 PM)  
**Measurement Date** Mar 02, 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	28.5	25.2	36.3	35.9
Average (WBGT)		28.5			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

- Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
- Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

**Technical Management**

Supot Salamteh  
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**Approved by**

Wichan Choonharat  
Assistant Manager

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**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2218343**

Date Received : Mar 05, 2022

Date Reported : Mar 08, 2022

Report Number: 2228929-1

Page 3 of 5

**Sample Number** 2218343-3  
**Parameter** Heat Stress (Sampling Time : 11.30 AM - 01.30 PM)  
**Measurement Date** Mar 02, 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	25.8	22.8	32.9	32.7
Average (WBGT)		25.8			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

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Supot Salamteh  
Section Head

**Approved by**

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**P/O :** สัญญาเลขที่ 4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2218343**

Date Received : Mar 05, 2022

Date Reported : Mar 08, 2022

Report Number: 2228929-1

Page 4 of 5

**Sample Number** 2218343-4  
**Parameter** Heat Stress (Sampling Time : 11.30 AM - 01.30 PM)  
**Measurement Date** Mar 02, 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	30.8	26.1	43.0	39.5
Average (WBGT)		30.8			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

- Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
- Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

**Technical Management**

  
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**P/O :** สัญญาเลขที่ 4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2218343**

Date Received : Mar 05, 2022

Date Reported : Mar 08, 2022

Report Number: 2228929-1

Page 5 of 5

**Sample Number** 2218343-5  
**Parameter** Heat Stress (Sampling Time : 11.30 AM - 01.30 PM)  
**Measurement Date** Mar 02, 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	30.2	25.6	41.0	40.6
Average (WBGT)		30.2			
Guideline WBGT (°C)		34.0			

**Reference Method :** Wet Bulb Globe Temperature

**Guideline:**

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

**Technical Management**

Supot Salamteh  
Section Head

**Approved by**

Wichan Choonharat  
Assistant Manager

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่ 4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244548**

Date Received : May 28, 2022

Date Reported : -un 01, 2022

Report NumPer: 2284171b1

Page 1 of 5

**Sample Number** 2244548b1  
**Parameter** Seat ( tress )( ampling Time : 11.00 AM b01.00 HMJ  
**Measurement Date** May 26, 2022  
**Measurement by** -essadin Kongsukdithai  
**Location** ปฏิบัติงาน 1 พื้นที่ ) ชื่อหน่วยงานสกุล ผู้ปฏิบัติงาน : บณณก : บJ


Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณ Condensor Exhaust Unit	120	28.9	26.5	34.5	34.3
Average )WBGTJ		28.9			
Guideline WBGT )°CJ		34.0			

**Reference Method :** Wet Bulb GloPe Temperature

**Guideline:**

1. Notification of 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 Duration 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

**Technical Management**

  
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**Approved by**

  
Wichan Choonharat  
Assistant Manager

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## Analysis / Test Report

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789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244548**

Date Received : May 28, 2022

Date Reported : -un 01, 2022

Report NumPer: 2284171b1

Page 2 of 5

**Sample Number** 2244548b2  
**Parameter** Seat ( tress )( ampling Time : 11.00 AM b01.00 HMJ  
**Measurement Date** May 26, 2022  
**Measurement by** -essadin Kongsukdithai  
**Location** ปฏิบัติงาน 1 พื้นที่ )ชื่อสนามสกุล ผู้ปฏิบัติงาน : buแผนก : bJ


Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณท่อส่งน้ำ	120	30.9	27.9	37.9	37.4
Average WBGTJ		30.9			
Guideline WBGT )°CJ		34.0			

**Reference Method :** Wet Bulb GloPe Temperature

**Guideline:**

- Notification of 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 Duration 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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Assistant Manager

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**P/O :** สัญญาเลขที่ 4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244548**

Date Received : May 28, 2022

Date Reported : -un 01, 2022

Report NumPer: 2284171b1

Page 3 of 5

**Sample Number** 2244548b8  
**Parameter** Seat ( tress )( ampling Time : 11.00 AM b01.00 HMJ  
**Measurement Date** May 26, 2022  
**Measurement by** -essadin Kongsukdithai  
**Location** ปฏิบัติงาน 1 พื้นที่ )ชื่อสนามสกุล ผู้ปฏิบัติงาน : บณณก : bJ


Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณ Air Cooled Condensor	120	29.2	26.9	34.5	34.1
Average )WBGTJ		29.2			
Guideline WBGT )°CJ		34.0			

**Reference Method :** Wet Bulb GloPe Temperature

**Guideline:**

1. Notification of 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 Duration 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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789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244548**

Date Received : May 28, 2022

Date Reported : -un 01, 2022

Report NumPer: 2284171b1

Page 4 of 5

**Sample Number** 2244548b4  
**Parameter** Seat ( tress )( ampling Time : 11.00 AM b01.00 HMJ  
**Measurement Date** May 26, 2022  
**Measurement by** -essadin Kongsukdithai  
**Location** ปฏิบัติงาน 1 พื้นที่ )ชื่อสนามสกุล ผู้ปฏิบัติงาน : buแผนก : bJ


Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณ Gas TurPine	120	33.0	29.1	42.2	41.5
Average )WBGTJ		33.0			
Guideline WBGT )°CJ		34.0			

**Reference Method :** Wet BulP GloPe Temperature

**Guideline:**

1. Notification of 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 Duration 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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789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** สัญญาเลขที่4600001547  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244548**

Date Received : May 28, 2022

Date Reported : -un 01, 2022

Report NumPer: 2284171b1

Page 5 of 5

**Sample Number** 2244548b5  
**Parameter** Seat ( tress )( ampling Time : 11.00 AM b01.00 HMJ  
**Measurement Date** May 26, 2022  
**Measurement by** -essadin Kongsukdithai  
**Location** ปฏิบัติงาน 1 พื้นที่ )ชื่อสนามสกุล ผู้ปฏิบัติงาน : บณณก : bJ

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณ ( team TurPine	120	32.0	28.0	41.4	41.0
Average )WBGTJ		32.0			
Guideline WBGT )°CJ		34.0			

**Reference Method :** Wet Bulb GloPe Temperature

**Guideline:**

1. Notification of 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 Duration and Types of Business that must perform )B.E. 2561J
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## Analysis / Test Report

**Client** : Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : GNRV2-4211200239  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2218142**

Date Received : Mar 08, 2022  
Date Reported : Mar 09, 2022  
Report Number : 2254560-1C11

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 S*

Supot Salamteh  
Section Head

Approved by

*Wichan Choonharat*

Wichan Choonharat  
Assistant Manager

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## Analysis / Test Report

**Client** : Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : GNRV2-4211200239  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2218142**

Date Received : Mar 08, 2022  
Date Reported : Mar 09, 2022  
Report Number : 2254560-1C11

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 - 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

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Assistant Manager

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## Analysis / Test Report

**Client** : Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : GNRV2-4211200239  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2218144**

Date Received : Mar 08, 2022  
Date Reported : Mar 09, 2022  
Report Number : 2254565-1C11

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** : Sessadin Hongsukdithai Personnel of ALW Laboratory Group zThailand/ Co., Ltd.

**Guideline** : Notification of Department of Labour Protection and (elfare, ) .E.2560 z2017/ dated November 27, ) .E.2560 z2017/, and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 ) .E.2561 z2018/

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Section Head

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Assistant Manager

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**P/O** : GNRV2-4211200239  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2218145**

Date Received : Mar 08, 2022  
Date Reported : Mar 09, 2022  
Report Number : 2254568-1C11

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								
7	Spot - Control Building : 2nd Floor : CCR จอควบคุม 1 (GNRV 1)				2218145-14	2 Mar 2022	Day time	1	445	-	400-500	-	Pass
8	Spot - Control Building : 2nd Floor : CCR จอควบคุม 2 (GNRV 1)				2218145-15	2 Mar 2022	Day time	1	450	-	400-500	-	Pass
9	Spot - Control Building : 2nd Floor : CCR จอควบคุม 3 (GNRV 2)				2218145-16	2 Mar 2022	Day time	1	410	-	400-500	-	Pass
10	Spot - Control Building : 2nd Floor : CCR จอควบคุม 4 (GNRV 2)				2218145-17	2 Mar 2022	Day time	1	423	-	400-500	-	Pass
11	Spot - Control Building : 2nd Floor : CCR โต๊ะทำงาน Shift Lead 1 (GNRV 1)				2218145-18	2 Mar 2022	Day time	1	525	-	400-500	-	Pass
12	Spot - Control Building : 2nd Floor : CCR โต๊ะทำงาน Shift Lead 2 (GNRV 2)				2218145-19	2 Mar 2022	Day time	1	570	-	400-500	-	Pass
13	Spot - Control Building : 2nd Floor : DCS Room โต๊ะคอมฯ (Server)				2218145-20	2 Mar 2022	Day time	1	526	-	400-500	-	Pass

Technical Management

Supot Salamteh  
Section Head

Approved by

Wichan Choonharat  
Assistant Manager

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## Analysis / Test Report

**Client** : Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : GNRV2-4211200239  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2218145**

Date Received : Mar 08, 2022  
Date Reported : Mar 09, 2022  
Report Number : 2254568-1C11

Page 2 of 2

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Spot - Control Building : 2nd Floor : DCS Room ไต้ะคอมฯ (Steam Turbine)								
14	2218145-21	2 Mar 2022	Day time	1	415	-	400-500	-	Pass
	Spot - Control Building : 2nd Floor : DCS Room ไต้ะคอมฯ (HDSR)								
15	2218145-22	2 Mar 2022	Day time	1	422	-	400-500	-	Pass
	Spot - Control Building : 2nd Floor : Operation Manager								
16	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)

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Assistant Manager

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789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : GNRV2-4211200239  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2218146**

Date Received : Mar 08, 2022  
Date Reported : Mar 09, 2022  
Report Number : 2254571-1C11

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 : ชั้นใด								
2.1	2218146-1	2 Mar 2022	Day time	1	375	549.5	50	100	Pass
2.2	2218146-2	2 Mar 2022	Day time	2	724				

**Measurement by** : Sessadin Hongsukdithai Personnel of ALW Laboratory Group zThailand/ Co., Ltd.

**Guideline** : Notification of Department of Labour Protection and (elfare, ) .E.2560 z2017/ dated November 27, ) .E.2560 z2017/, and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 ) .E.2561 z2018/

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789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : GNRV2-4211200239  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2218150**

Date Received : Mar 08, 2022  
Date Reported : Mar 09, 2022  
Report Number : 2254587-1C11

Page 1 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 - Workshop : 1st Floor : Copy Room								
1.1	2218150-1	2 Mar 2022	Day time	1	472	482.0	150	300	Pass
1.2	2218150-2	2 Mar 2022	Day time	2	492				
	Area - Workshop : 1st Floor : Corridor								
2.1	2218150-3	2 Mar 2022	Day time	1	103	90.5	50	100	Sail
2.2	2218150-4	2 Mar 2022	Day time	2	78				
	Area - Workshop : 1st Floor : Meeting Room								
4.1	2218150-5	2 Mar 2022	Day time	1	430	450.7	150	300	Pass
4.2	2218150-6	2 Mar 2022	Day time	2	516				
4.3	2218150-7	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	2218150-9	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	278				
	Spot - Workshop : 1st Floor : C&I โต๊ะทำงาน 1 (Engineer 1) GNRV 1								
7	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								
9	2218150-14	2 Mar 2022	Day time	1	572	-	400-500	-	Pass
	Spot - Workshop : 1st Floor : C&I โต๊ะทำงาน 4 (Engineer 1) GNRV 2								
10	2218150-15	2 Mar 2022	Day time	1	519	-	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	2218150-17	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	473	-	400-500	-	Pass
	Spot - Workshop : 1st Floor : Electrical โต๊ะทำงาน 4 (Engineer 2) GNRV 2								
14	2218150-19	2 Mar 2022	Day time	1	460	-	400-500	-	Pass

Technical Management

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*Wichan Choonharat*

z ichan Choonharat  
Assistant Manager

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**Client** : Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : GNRV2-4211200239  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2218150**

Date Received : Mar 08, 2022  
Date Reported : Mar 09, 2022  
Report Number : 2254587-1C11

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	
	Spot - Workshop : 1st Floor : Mechanical โต๊ะทำงาน 1 (Leader) GNRV 1								
15	2218150-20	2 Mar 2022	Day time	1	569	-	400-500	-	Pass
	Spot - Workshop : 1st Floor : Mechanical โต๊ะทำงาน 2 (Engineer 1) GNRV 2								
16	2218150-21	2 Mar 2022	Day time	1	596	-	400-500	-	Pass
	Spot - Workshop : 1st Floor : Mechanical โต๊ะทำงาน 3 (Engineer 1) GNRV 1								
17	2218150-22	2 Mar 2022	Day time	1	503	-	400-500	-	Pass
	Spot - Workshop : 1st Floor : Mechanical โต๊ะทำงาน 4 (Engineer 2) GNRV 2								
18	2218150-23	2 Mar 2022	Day time	1	532	-	400-500	-	Pass
	Spot - Workshop : 1st Floor : Miantenance Manager								
19	2218150-24	2 Mar 2022	Day time	1	473	-	400-500	-	Pass

**Measurement by** : Kessadin Bongsukdithai Personnel of ALH Laboratory Group )ThailandwCo., Ltd.

**Guideline** : Notification of Department of Labour Protection and z elfare, F.E.2560 )2017wdated November 27, F.E.2560 )2017w and published in the Royal Government Ga/ette, Vol.135, Part 39D dated Sebruary 21 F.E.2561 )2018w

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Assistant Manager

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**P/O** : GNRV2-4211200239  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2218151**

Date Received : Mar 08, 2022  
Date Reported : Mar 09, 2022  
Report Number : 2254592-1C11

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	Day time	1	484	673.0	50	100	Pass
2.2	2218151-2	2 Mar 2022	Day time	2	862				
Area - Workshop : Ground Floor : Women Toilet									
3.1	2218151-3	2 Mar 2022	Day time	1	758	697.0	50	100	Pass
3.2	2218151-4	2 Mar 2022	Day time	2	636				
Area - Workshop : Ground Floor : Temp Control Part Room									
4.1	2218151-5	2 Mar 2022	Day time	1	149	168.0	50	100	Pass
4.2	2218151-6	2 Mar 2022	Day time	2	163				
4.3	2218151-7	2 Mar 2022	Day time	3	192				
Area - Workshop : Ground Floor : Control & Instument Workshop									
5.1	2218151-8	2 Mar 2022	Day time	1	302	306.3	150	300	Pass
5.2	2218151-9	2 Mar 2022	Day time	2	319				
5.3	2218151-10	2 Mar 2022	Day time	3	298				
Area - Workshop : Ground Floor : Electrical Control Room									
6.1	2218151-11	2 Mar 2022	Day time	1	359	369.5	100	200	Pass
6.2	2218151-12	2 Mar 2022	Day time	2	380				
Area - Workshop : Ground Floor : Electrical & Mechanical Workshop									
7.1	2218151-13	2 Mar 2022	Day time	1	302	332.3	150	300	Pass
7.2	2218151-14	2 Mar 2022	Day time	2	346				
7.3	2218151-15	2 Mar 2022	Day time	3	345				
7.4	2218151-16	2 Mar 2022	Day time	4	336				
Area - Workshop : Ground Floor : Warehouse									
8.1	2218151-17	2 Mar 2022	Day time	1	1,393	1,310	100	200	Pass
8.2	2218151-18	2 Mar 2022	Day time	2	1,500				
8.3	2218151-19	2 Mar 2022	Day time	3	1,339				
8.4	2218151-20	2 Mar 2022	Day time	4	1,149				
8.5	2218151-21	2 Mar 2022	Day time	5	1,264				
8.6	2218151-22	2 Mar 2022	Day time	6	1,213				
Area - Workshop : Ground Floor : Server Room									
9.1	2218151-23	2 Mar 2022	Day time	1	190	238.5	100	200	Pass
9.2	2218151-24	2 Mar 2022	Day time	2	287				

Technical Management

Supot Salamteh  
Section Head

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Wichan Choonharat  
Assistant Manager

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**Client** : Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : GNRV2-4211200239  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2218151**

Date Received : Mar 08, 2022  
Date Reported : Mar 09, 2022  
Report Number : 2254592-1C11

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	Day time	1	120	105.0	50	100	Pass
10.2	2218151-26	2 Mar 2022	Day time	2	90				
Spot - Workshop : Ground Floor : คลังพัสดุ GNRV 1									
11	2218151-27	2 Mar 2022	Day time	1	501	-	400-500	-	Pass
Spot - Workshop : Ground Floor : คลังพัสดุ GNRV 2									
12	2218151-28	2 Mar 2022	Day time	1	562	-	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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**P/O** : สัญญาเลขที่4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2218348**

Date Received : Mar 08, 2022  
Date Reported : Mar 12, 2022  
Report Number : 2259069-1

Page 1 of 1

Page 2 of 3

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Control Building : 1st Floor : MCC Room									
1.1	2218348-1	2 Mar 2022	Day time	1	2,260	1,387	100	200	Pass
1.2	2218348-2	2 Mar 2022	Day time	2	1,842				
1.3	2218348-3	2 Mar 2022	Day time	3	664				
1.4	2218348-4	2 Mar 2022	Day time	4	1,028				
1.5	2218348-5	2 Mar 2022	Day time	5	1,463				
1.6	2218348-6	2 Mar 2022	Day time	6	511				
1.7	2218348-7	2 Mar 2022	Day time	7	2,470				
1.8	2218348-8	2 Mar 2022	Day time	8	2,310				
1.9	2218348-9	2 Mar 2022	Day time	9	712				
1.10	2218348-10	2 Mar 2022	Day time	10	533				
1.11	2218348-11	2 Mar 2022	Day time	11	1,770				
1.12	2218348-12	2 Mar 2022	Day time	12	1,075				
Area - Control Building : 1st Floor : Battery Room									
2.1	2218348-13	2 Mar 2022	Day time	1	602	696.0	100	200	Pass
2.2	2218348-14	2 Mar 2022	Day time	2	790				
Area - Control Building : 1st Floor : บันไดขึ้นหน้าอาคาร									
3.1	2218348-15	2 Mar 2022	Day time	1	119	183.5	50	100	Pass
3.2	2218348-16	2 Mar 2022	Day time	2	248				

**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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Section Head

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**P/O** : สัญญาเลขที่4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2218352**

Date Received : Mar 08, 2022  
Date Reported : Mar 12, 2022  
Report Number : 2259072-1

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 : 2nd Floor : Utility Room									
1.1	2218352-1	2 Mar 2022	Day time	1	205	225.0	100	200	Pass
1.2	2218352-2	2 Mar 2022	Day time	2	245				
Area - Control Building : 2nd Floor : DCS Room									
2.1	2218352-3	2 Mar 2022	Day time	1	709	583.0	100	200	Pass
2.2	2218352-4	2 Mar 2022	Day time	2	468				
2.3	2218352-5	2 Mar 2022	Day time	3	560				
2.4	2218352-6	2 Mar 2022	Day time	4	590				
2.5	2218352-7	2 Mar 2022	Day time	5	596				
2.6	2218352-8	2 Mar 2022	Day time	6	575				
Spot - Control Building : 2nd Floor : DCS Room : โต๊ะคอม									
3	2218352-9	2 Mar 2022	Day time	1	525	-	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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**P/O** : สัญญาเลขที่4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2218353**

Date Received : Mar 08, 2022  
Date Reported : Mar 12, 2022  
Report Number : 2259074-1

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 : Ground Floor : Cable Room									
1.1	2218353-1	2 Mar 2022	Day time	1	439	512.2	100	200	Pass
1.2	2218353-2	2 Mar 2022	Day time	2	502				
1.3	2218353-3	2 Mar 2022	Day time	3	526				
1.4	2218353-4	2 Mar 2022	Day time	4	525				
1.5	2218353-5	2 Mar 2022	Day time	5	523				
1.6	2218353-6	2 Mar 2022	Day time	6	558				

**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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## Analysis / Test Report

**Client** : Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : GNRV2-4211200239  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2244264**

pate Received : Dun 09, 2022  
pate Re5orted : Dun 28, 2022  
Re5ort NumPer : 2339b77-1C11

Page 1 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	
	Spot - Administration Building : Ground Floor : Plant Manager								
2	2244264-1	26 MaS 2022	paS time	1	464	-	400-b00	-	yass
	Spot - Administration Building : Ground Floor : SHE Room โต๊ะคอมฯ 1								
3	2244264-2	26 MaS 2022	paS time	1	662	-	400-b00	-	yass
	Spot - Administration Building : Ground Floor : SHE Room โต๊ะคอมฯ 2								
4	2244264-3	26 MaS 2022	paS time	1	443	-	400-b00	-	yass
	Area - Administration Building : Ground Floor : Copy Room								
7.1	2244264-4	26 MaS 2022	paS time	1	b13	437.b	1b0	300	yass
7.2	2244264-b	26 MaS 2022	paS time	2	362				
	Area - Administration Building : Ground Floor : Server Room								
8.1	2244264-6	26 MaS 2022	paS time	1	184	21b.0	100	200	yass
8.2	2244264-7	26 MaS 2022	paS time	2	246				
	Spot - Administration Building : Ground Floor : GA Manager								
9	2244264-8	26 MaS 2022	paS time	1	b3b	-	400-b00	-	yass
	Spot - Administration Building : Ground Floor : โต๊ะคอมฯ เจ้าหน้าที่จัดซื้อ 2 GNRV 2								
10	2244264-9	26 MaS 2022	paS time	1	40b	-	400-b00	-	yass
	Spot - Administration Building : Ground Floor : โต๊ะคอมฯ เจ้าหน้าที่จัดซื้อ 1 GNRV 1								
11	2244264-10	26 MaS 2022	paS time	1	403	-	400-b00	-	yass
	Spot - Administration Building : Ground Floor : โต๊ะคอมฯ IT								
12	2244264-11	26 MaS 2022	paS time	1	66b	-	400-b00	-	yass
	Spot - Administration Building : Ground Floor : โต๊ะคอมฯ GA Officer GNRV 1								
13	2244264-12	26 MaS 2022	paS time	1	490	-	400-b00	-	yass
	Spot - Administration Building : Ground Floor : โต๊ะคอมฯ GA Officer GNRV 2								
14	2244264-13	26 MaS 2022	paS time	1	629	-	400-b00	-	yass
	Area - Administration Building : Ground Floor : ห้องเก็บของ								
17.1	2244264-14	26 MaS 2022	paS time	1	386	410.b	b0	100	yass
17.2	2244264-1b	26 MaS 2022	paS time	2	43b				
	Area - Administration Building : Ground Floor : Electrical Control Room								
18.1	2244264-16	26 MaS 2022	paS time	1	368	b13.b	100	200	yass
18.2	2244264-17	26 MaS 2022	paS time	2	6b9				
	Area - Administration Building : Ground Floor : Men Toilet								
19.1	2244264-18	26 MaS 2022	paS time	1	3b4	460.0	b0	100	yass
19.2	2244264-19	26 MaS 2022	paS time	2	b66				

Technical Management

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Approved by

*Wichan Choonharat*

z ichan Choonharat  
Assistant Manager

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## Analysis / Test Report

**Client** : Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : GNRV2-4211200239  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2244264**

date Received : Jun 09, 2022  
date ReSorted : Jun 28, 2022  
ReSort NumPer : 2339b77-1C11

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 - Administration Building : Ground Floor : Women Toilet									
20.1	2244264-20	26 MaS 2022	paS time	1	840	767.b	b0	100	yass
20.2	2244264-21	26 MaS 2022	paS time	2	69b				
Spot - Administration Building : Ground Floor : โต๊ะคอมพิวเตอร์สำรอง									
22	2244264-22	26 MaS 2022	paS time	1	402	-	400-b00	-	yass

**Measurement by** : Dessadin Kongsukdithai yersonnel of ALH LaPoratorS GrouS )ThailandwCo., Ltd.

**Guideline** : Notification of peSartment of LaPour yrotection and z elfare, B.E.2b60 )2017wdated NovemPer 27, B.E.2b60 )2017w and 5uPlished in the RoSal Government Ga/ette, Vol.13b, yart 39p dated FePruarS 21 B.E.2b61 )2018w

Technical Management

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Approved by

z ichan Choonharat  
Assistant Manager

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## Analysis / Test Report

**Client** : Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : GNRV2-4211200239  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2244267**

Date Received : Jun 09, 2022  
Date Reported : Jun 28, 2022  
Report Number : 2283460-1C11

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	2244267-1	26 May 2022	Day time	1	662	572.5	100	200	Pass
1.2	2244267-2	26 May 2022	Day time	2	483				

**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  
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**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244268**

date Received : Dun 09, 2022  
date ReSorted : Dun 28, 2022  
ReSort NumPer : 2339b80-1C11

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	2244268-1	26 MaS 2022	paS time	1	39b	3b2.0	b0	100	yass
3.2	2244268-2	26 MaS 2022	paS time	2	309				
	Area - Control Building : 2nd Floor : Pantry Room								
4.1	2244268-3	26 MaS 2022	paS time	1	322	309.0	1b0	300	yass
4.2	2244268-4	26 MaS 2022	paS time	2	296				
	Area - Control Building : 2nd Floor : Utility Room								
b.1	2244268-b	26 MaS 2022	paS time	1	603	634.0	100	200	yass
b.2	2244268-6	26 MaS 2022	paS time	2	66b				
	Spot - Control Building : 2nd Floor : CCR จอควบคุม 1 (GNRV 1)								
7	2244268-7	26 MaS 2022	paS time	1	410	-	400-b00	-	yass
	Spot - Control Building : 2nd Floor : CCR จอควบคุม 2 (GNRV 1)								
8	2244268-8	26 MaS 2022	paS time	1	4b2	-	400-b00	-	yass
	Spot - Control Building : 2nd Floor : CCR จอควบคุม 3 (GNRV 2)								
9	2244268-9	26 MaS 2022	paS time	1	46b	-	400-b00	-	yass
	Spot - Control Building : 2nd Floor : CCR จอควบคุม 4 (GNRV 2)								
10	2244268-10	26 MaS 2022	paS time	1	413	-	400-b00	-	yass
	Spot - Control Building : 2nd Floor : CCR โต๊ะทำงาน Shift Lead 1 (GNRV 1)								
11	2244268-11	26 MaS 2022	paS time	1	b39	-	400-b00	-	yass
	Spot - Control Building : 2nd Floor : CCR โต๊ะทำงาน Shift Lead 2 (GNRV 2)								
12	2244268-12	26 MaS 2022	paS time	1	b48	-	400-b00	-	yass
	Spot - Control Building : 2nd Floor : DCS Room โต๊ะคอมฯ (Server)								
13	2244268-13	26 MaS 2022	paS time	1	672	-	400-b00	-	yass
	Spot - Control Building : 2nd Floor : DCS Room โต๊ะคอมฯ (Steam Turbine)								
14	2244268-14	26 MaS 2022	paS time	1	40b	-	400-b00	-	yass
	Spot - Control Building : 2nd Floor : DCS Room โต๊ะคอมฯ (HDSR)								
1b	2244268-1b	26 MaS 2022	paS time	1	402	-	400-b00	-	yass
	Spot - Control Building : 2nd Floor : Operation Manager								
16	2244268-16	26 MaS 2022	paS time	1	771	-	400-b00	-	yass

**Measurement by :** Dessadin Hongskudithai personnel of ALWLaPoratorS GrouS zThailand/ Co., Ltd.

**Guideline :** Notification of peSartment of LaPour yrotection and ( elfare, ).E.2b60 z2017/ dated NovemPer 27, ).E.2b60 z2017/, and SuPlished in the RoSal Government Gavette, Vol.13b, yart 39p dated xePruarS 21 ).E.2b61 z2018/

Technical Management

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Approved by

*Wichan Choonharat*

( ichan Choonharat  
Assistant Manager

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244269**

pate Received : Dun 09, 2022  
pate Re5orted : Dun 28, 2022  
Re5ort NumPer : 22834b8-1C11

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	2244269-1	26 MaS 2022	paS time	1	120	192.0	b0	100	yass
2.2	2244269-2	26 MaS 2022	paS time	2	264				

**Measurement by :** Dessadin Hongsukdithai personnel of ALWLaPoratorS Grou5 zThailand/ Co., Ltd.

**Guideline :** Notification of pe5artment of LaPour yrotection and ( elfare, ) .E.2b60 z2017/ dated NovemPer 27, ) .E.2b60 z2017/, and 5uPlished in the RoSal Government Gavette, Vol.13b, yart 39p dated xePruarS 21 ) .E.2b61 z2018/

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**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244273**

pate Received : Dun 09, 2022  
pate Re5orted : Dun 28, 2022  
Re5ort NumPer : 2339b89-1C11

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Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - Workshop : Ground Floor : Men Toilet									
2.1	2244273-1	26 MaS 2022	paS time	1	617	740.b	b0	100	yass
2.2	2244273-2	26 MaS 2022	paS time	2	864				
Area - Workshop : Ground Floor : Women Toilet									
3.1	2244273-3	26 MaS 2022	paS time	1	b04	498.b	b0	100	yass
3.2	2244273-4	26 MaS 2022	paS time	2	493				
Area - Workshop : Ground Floor : Temp Control Part Room									
4.1	2244273-b	26 MaS 2022	paS time	1	1b1	182.3	b0	100	yass
4.2	2244273-6	26 MaS 2022	paS time	2	196				
4.3	2244273-7	26 MaS 2022	paS time	3	200				
Area - Workshop : Ground Floor : Control & Instument Workshop									
b.1	2244273-8	26 MaS 2022	paS time	1	210	308.0	1b0	300	yass
b.2	2244273-9	26 MaS 2022	paS time	2	360				
b.3	2244273-10	26 MaS 2022	paS time	3	3b4				
Area - Workshop : Ground Floor : Electrical Control Room									
6.1	2244273-11	26 MaS 2022	paS time	1	36b	391.0	100	200	yass
6.2	2244273-12	26 MaS 2022	paS time	2	417				
Area - Workshop : Ground Floor : Server Room									
9.1	2244273-13	26 MaS 2022	paS time	1	176	207.0	100	200	yass
9.2	2244273-14	26 MaS 2022	paS time	2	238				
Area - Workshop : Ground Floor : บันได									
10.1	2244273-1b	26 MaS 2022	paS time	1	101	103.0	b0	100	yass
10.2	2244273-16	26 MaS 2022	paS time	2	10b				
Spot - Workshop : Ground Floor : คลังพัสดุ GNRV 1									
11	2244273-17	26 MaS 2022	paS time	1	b1b	-	400-b00	-	yass
Spot - Workshop : Ground Floor : คลังพัสดุ GNRV 2									
12	2244273-18	26 MaS 2022	paS time	1	b21	-	400-b00	-	yass

**Measurement by :** Dessadin Hongskudithai yersonnel of ALWLaPoratorS Grou5 zThailand/ Co., Ltd.

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Technical Management

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## Analysis / Test Report

**Client :** Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O :** GNRV2-4211200239  
**Project Name :** Monitoring EIA  
**Project Location :** GNRV2

**Lot ID: 2244274**

date Received : Dun 09, 2022  
date ReSorted : Dun 28, 2022  
ReSort NumPer : 2339b91-1C11

Page 1 of 2

Lay of t Nog	Re3erence Nf muer	b easf rement Date	b easf rement Time	dpt /Area Nog	Illf minance Mf (x dpt	ASerave	) f iGeline Limit dpt/b in ASerave	Comment
<b>Area . - orW6kop : hst Floor : Copy Room</b>								
1.1	2244274-1	26 MaS 2022	paS time	1	437	413.b	1b0 300	yass
1.2	2244274-2	26 MaS 2022	paS time	2	390			
<b>Area . - orW6kop : hst Floor : b eetinv Room</b>								
4.1	2244274-3	26 MaS 2022	paS time	1	310	339.3	1b0 300	yass
4.2	2244274-4	26 MaS 2022	paS time	2	378			
4.3	2244274-b	26 MaS 2022	paS time	3	330			
<b>Area . - orW6kop : hst Floor : b en Toilet</b>								
b.1	2244274-6	26 MaS 2022	paS time	1	481	4b3.0	b0 100	yass
b.2	2244274-7	26 MaS 2022	paS time	2	42b			
<b>Area . - orW6kop : hst Floor : - omen Toilet</b>								
6.1	2244274-8	26 MaS 2022	paS time	1	332	294.0	b0 100	yass
6.2	2244274-9	26 MaS 2022	paS time	2	2b6			
<b>dpt . - orW6kop : hst Floor : C&amp;I โ้ะทำงาน h Menvineer hx ) NRV h</b>								
7	2244274-10	26 MaS 2022	paS time	1	410	-	400-b00 -	yass
<b>dpt . - orW6kop : hst Floor : C&amp;I โ้ะทำงาน 2 Menvineer 2x ) NRV h</b>								
8	2244274-11	26 MaS 2022	paS time	1	486	-	400-b00 -	yass
<b>dpt . - orW6kop : hst Floor : C&amp;I โ้ะทำงาน 1 MleaGerx ) NRV 2</b>								
9	2244274-12	26 MaS 2022	paS time	1	b6b	-	400-b00 -	yass
<b>dpt . - orW6kop : hst Floor : C&amp;I โ้ะทำงาน 4 Menvineer hx ) NRV 2</b>								
10	2244274-13	26 MaS 2022	paS time	1	b37	-	400-b00 -	yass
<b>dpt . - orW6kop : hst Floor : Electrical โ้ะทำงาน h MleaGerx ) NRV 2</b>								
11	2244274-14	26 MaS 2022	paS time	1	639	-	400-b00 -	yass
<b>dpt . - orW6kop : hst Floor : Electrical โ้ะทำงาน 2 Menvineer hx ) NRV h</b>								
12	2244274-1b	26 MaS 2022	paS time	1	b78	-	400-b00 -	yass
<b>dpt . - orW6kop : hst Floor : Electrical โ้ะทำงาน 1 Menvineer hx ) NRV 2</b>								
13	2244274-16	26 MaS 2022	paS time	1	47b	-	400-b00 -	yass
<b>dpt . - orW6kop : hst Floor : Electrical โ้ะทำงาน 4 Menvineer 2x ) NRV 2</b>								
14	2244274-17	26 MaS 2022	paS time	1	48b	-	400-b00 -	yass
<b>dpt . - orW6kop : hst Floor : b eckanical โ้ะทำงาน h MleaGerx ) NRV h</b>								
1b	2244274-18	26 MaS 2022	paS time	1	44b	-	400-b00 -	yass
<b>dpt . - orW6kop : hst Floor : b eckanical โ้ะทำงาน 2 Menvineer hx ) NRV 2</b>								
16	2244274-19	26 MaS 2022	paS time	1	47b	-	400-b00 -	yass

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## Analysis / Test Report

**Client** : Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : GNRV2-4211200239  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2244274**

date Received : Dun 09, 2022  
date ReSorted : Dun 28, 2022  
ReSort NumPer : 2339b91-1C11

page 2 of 2

Layer of t Nog	Reference Number	Measurement Date	Measurement Time	Spot / Area Nog	Measurement Mf (x spot)	Measurement Aserave	Measurement Limit spot/b in	Measurement Aserave	Comment
17	2244274-20	26 Mar 2022	pas time	1	438	-	400-b00	-	yass
18	2244274-21	26 Mar 2022	pas time	1	416	-	400-b00	-	yass
19	2244274-22	26 Mar 2022	pas time	1	482	-	400-b00	-	yass

**Measurement by** : Dessadin Kongsukdithai personnel of ALH LaPoratorS Group (Thailand) Co., Ltd.

**Notification** : 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.13b, part 39p dated February 21 B.E.2561 (2018)

Technical Management

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## Analysis / Test Report

**Client** : Gulf NRV2 Co., Ltd.  
789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2244549**

Date Received : Jun 09, 2022  
Date Reported : Jun 14, 2022  
Report Number : 2339597-1

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								
2.1	2244549-1	26 May 2022	Day time	1	205	262.5	100	200	Pass
2.2	2244549-2	26 May 2022	Day time	2	320				
	Area - Control Building : 1st Floor : บันไดฝั่งหน้าอาคาร								
3.1	2244549-3	26 May 2022	Day time	1	105	142.0	50	100	Pass
3.2	2244549-4	26 May 2022	Day time	2	179				

**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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## Analysis / Test Report

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789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2244551**

Date Received : Jun 09, 2022  
Date Reported : Jun 14, 2022  
Report Number : 2339599-1

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 : Ground Floor : Cable Room									
1.1	2244551-1	26 May 2022	Day time	1	442	472.2	100	200	Pass
1.2	2244551-2	26 May 2022	Day time	2	580				
1.3	2244551-3	26 May 2022	Day time	3	474				
1.4	2244551-4	26 May 2022	Day time	4	425				
1.5	2244551-5	26 May 2022	Day time	5	402				
1.6	2244551-6	26 May 2022	Day time	6	510				

**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)

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789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000  
**P/O** : สัญญาเลขที่4600001547  
**Project Name** : Monitoring EIA  
**Project Location** : GNRV2

**Lot ID: 2244558**

Date Received : Jun 09, 2022  
Date Reported : Jun 14, 2022  
Report Number : 2284179-1

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	
3	Spot - Control Building : 2nd Floor : DCS Room : โต๊ะคอม								
	2244558-1	26 May 2022	Day time	1	517	-	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)

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