

## ภาคผนวก 68

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ผลการวิเคราะห์คุณภาพอากาศจากปล่องระบาย



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Sampling Source** : Stack Air Quality  
**Sampling Point** : HRSG Stack Unit 1  
**GPS. Coordinate** : UTM (WGS84) 47P 0674369 E, 1550747 N  
**Sampling Date** : April 29, 2024  
**Sampling Time** : 09:10-12:35  
**Sampling Method** : US.EPA. Method 1-4, 5, 6, 7  
**Sampling By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd. Laboratory  
Registration No.7-099

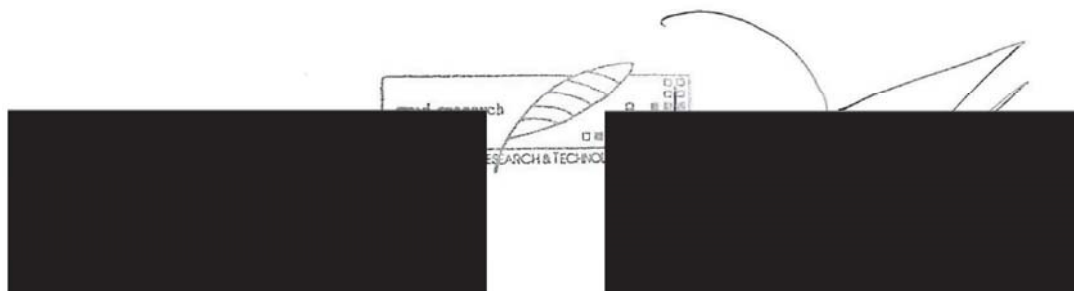
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB867-001  
**Received Date** : April 30, 2024  
**Analytical Date** : April 30-May 8, 2024  
**Report No.** : 2024-RAAH709  
**Report Date** : May 8, 2024

Item	Description	Method of Analysis	Unit	Result		Standard <sup>2'</sup>
				Actual Condition	Convert to Excess Oxygen 7%	
1	Fuel Type	-	-	Natural Gas		-
2	Combustion System	-	-	Close		-
3	Stack Height	Measuring Tape	m	35.00		-
4	Stack Diameter	Measuring Tape	m	3.50		-
5	Flue Gas Temperature	Thermocouple	°C	122.17	-	-
6	Pressure in Stack	Incline Manometer	mmHg	755.33	-	-
7	Oxygen Rate	Electrochemical Sensor	%	15.12	-	-
8	Moisture	Condensation Method	%	7.78	-	-
9	Air Velocity	Type S Pitot Tube	m/s	14.11	-	-
10	Volumetric Flow Rate <sup>1'</sup>	Calculate	Nm <sup>3</sup> /s	94	-	-
11	Volumetric Flow Rate	Calculate	m <sup>3</sup> /s	136	-	-
12	Sulfur Dioxide <sup>1'</sup>	Absorption, Barium-Thorin Titrimetric	ppm	<1.3	<1.3	20
13	Sulfur Dioxide <sup>1'</sup>	Absorption, Barium-Thorin Titrimetric	mg/m <sup>3</sup>	<3.4	<3.4	52
14	Oxide of Nitrogen (NOx) <sup>1' 3'</sup>	Absorption, Phenoldisulfonic Acid	ppm	14	34	120
15	Oxide of Nitrogen (NOx) <sup>1' 3'</sup>	Absorption, Phenoldisulfonic Acid	mg/m <sup>3</sup>	26	64	226
16	Total Suspended Particulate <sup>1'</sup>	Isokinetic, Gravimetric	mg/m <sup>3</sup>	3.6	8.7	60

Remark : <sup>1'</sup> Reference condition is 25 degree Celsius at 1 Atmosphere and Dry Basis.

<sup>2'</sup> Notification of the Ministry of Industry B.E.2547 (2004), issued under Factory Act B.E.2535 (1992), published in the Royal Government Gazette No.121 Special Part 113D dated October 7, B.E.2547 (2004). (New Power Plant)

<sup>3'</sup> Analyzed by Subcontractor Laboratory.





## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Sampling Source** : Stack Air Quality  
**Sampling Point** : HRSG Stack Unit 2  
**GPS. Coordinate** : UTM (WGS84) 47P 0674393 E, 1550750 N  
**Sampling Date** : April 29, 2024  
**Sampling Time** : 13:30-16:50  
**Sampling Method** : US.EPA. Method 1-4, 5, 6, 7  
**Sampling By** : XXXXXXXXXX  
**Analyzed By** : Environment Research & Technology Co., Ltd. Laboratory  
 Registration No.7-099

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB867-002  
**Received Date** : April 30, 2024  
**Analytical Date** : April 30-May 8, 2024  
**Report No.** : 2024-RAAH712  
**Report Date** : May 8, 2024

Item	Description	Method of Analysis	Unit	Result		Standard <sup>2'</sup>
				Actual Condition	Convert to Excess Oxygen 7%	
1	Fuel Type	-	-	Natural Gas		-
2	Combustion System	-	-	Close		-
3	Stack Height	Measuring Tape	m	35.00		-
4	Stack Diameter	Measuring Tape	m	3.50		-
5	Flue Gas Temperature	Thermocouple	°C	122.42	-	-
6	Pressure in Stack	Incline Manometer	mmHg	755.41	-	-
7	Oxygen Rate	Electrochemical Sensor	%	15.04	-	-
8	Moisture	Condensation Method	%	7.18	-	-
9	Air Velocity	Type S Pitot Tube	m/s	13.43	-	-
10	Volumetric Flow Rate <sup>1'</sup>	Calculate	Nm <sup>3</sup> /s	90	-	-
11	Volumetric Flow Rate	Calculate	m <sup>3</sup> /s	129	-	-
12	Sulfur Dioxide <sup>1'</sup>	Absorption, Barium-Thorin Titrimetric	ppm	<1.3	<1.3	20
13	Sulfur Dioxide <sup>1'</sup>	Absorption, Barium-Thorin Titrimetric	mg/m <sup>3</sup>	<3.4	<3.4	52
14	Oxide of Nitrogen (NOx) <sup>1' 3'</sup>	Absorption, Phenoldisulfonic Acid	ppm	23	55	120
15	Oxide of Nitrogen (NOx) <sup>1' 3'</sup>	Absorption, Phenoldisulfonic Acid	mg/m <sup>3</sup>	43	104	226
16	Total Suspended Particulate <sup>1'</sup>	Isokinetic, Gravimetric	mg/m <sup>3</sup>	1.0	2.4	60

Remark : <sup>1'</sup> Reference condition is 25 degree Celsius at 1 Atmosphere and Dry Basis.

<sup>2'</sup> Notification of the Ministry of Industry B.E.2547 (2004), issued under Factory Act B.E.2535 (1992), published in the Royal Government Gazette No.121 Special Part 113D dated October 7, B.E.2547 (2004). (New Power Plant)

<sup>3'</sup> Analyzed by Subcontractor Laboratory.





## ภาคผนวก 69

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ผลการวิเคราะห์คุณภาพอากาศในบรรยากาศโดยทั่วไป





## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Sampling Source** : Ambient Air Quality  
**Sampling Point** : Khlong Nueng School (Kaew Nimit), Village no. 4, Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674818 E, 1551784 N  
**Sampling Date** : April 23-30, 2024  
**Sampling Time** : 08:25  
**Sampling Method** : U.S. EPA 40 CFR Part 50  
**Sampling By** :   
**Analyzed By** : Environment Research & Technology Co., Ltd.

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865  
**Received Date** : May 2, 2024  
**Analytical Date** : May 2-8, 2024  
**Report No.** : 2024-RAAI160  
**Report Date** : May 9, 2024

Parameter	Unit	Method of Analysis	Result							Standard <sup>1/</sup>
			Apr 23-24, 24	Apr 24-25, 24	Apr 25-26, 24	Apr 26-27, 24	Apr 27-28, 24	Apr 28-29, 24	Apr 29-30, 24	
Total Suspended Particulate (TSP) 24 Hours Average	mg/m <sup>3</sup>	High-Volume, Gravimetric	0.069	0.063	0.052	0.066	0.059	0.054	0.057	0.330
Particulate Size Less Than 10 Micron (PM10) 24 Hours Average	mg/m <sup>3</sup>	PM10 Size Selective, High-Volume, Gravimetric	0.039	0.033	0.031	0.036	0.034	0.024	0.032	0.120

**Remark :** <sup>1/</sup> Notification of National Environmental Board, No.10, B.E.2538 (1995), published in the Royal Government Gazette No.112 Part 42D dated May 25, B.E.2538 (1995) and Notification No.24, B.E.2547 (2004), published in the Royal Government Gazette No.121 Special Part 104D dated September 22, B.E.2547 (2004), under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992).

Laboratory Reviewer

Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Sampling Source** : Ambient Air Quality  
**Sampling Point** : Sadet Temple, Village no. 5, Suan Phrik Thai Sub-District, Mueang Pathum Thani District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0668806 E, 1551650 N  
**Sampling Date** : April 23-30, 2024  
**Sampling Time** : 10:10  
**Sampling Method** : U.S. EPA 40 CFR Part 50  
**Sampling By** :   
**Analyzed By** : Environment Research & Technology Co., Ltd.

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865  
**Received Date** : May 2, 2024  
**Analytical Date** : May 2-8, 2024  
**Report No.** : 2024-RAAI161  
**Report Date** : May 9, 2024

Parameter	Unit	Method of Analysis	Result							Standard <sup>1</sup>
			Apr 23-24, 24	Apr 24-25, 24	Apr 25-26, 24	Apr 26-27, 24	Apr 27-28, 24	Apr 28-29, 24	Apr 29-30, 24	
Total Suspended Particulate (TSP) 24 Hours Average	mg/m <sup>3</sup>	High-Volume, Gravimetric	0.098	0.073	0.095	0.070	0.071	0.074	0.065	0.330
Particulate Size Less Than 10 Micron (PM10) 24 Hours Average	mg/m <sup>3</sup>	PM10 Size Selective, High-Volume, Gravimetric	0.040	0.033	0.038	0.033	0.035	0.028	0.033	0.120

**Remark :** <sup>1</sup> Notification of National Environmental Board, No.10, B.E.2538 (1995), published in the Royal Government Gazette No.112 Part 42D dated May 25, B.E.2538 (1995) and Notification No.24, B.E.2547 (2004), published in the Royal Government Gazette No.121 Special Part 104D dated September 22, B.E.2547 (2004), under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992).



Laboratory Reviewer



Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Sampling Source** : Ambient Air Quality  
**Sampling Point** : Saeng San Temple, Village no. 6, Prachathipat Sub-District, Thanyaburi District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0677576 E, 1548955 N  
**Sampling Date** : April 23-30, 2024  
**Sampling Time** : 09:05  
**Sampling Method** : U.S. EPA 40 CFR Part 50  
**Sampling By** :   
**Analyzed By** : Environment Research & Technology Co., Ltd.

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865  
**Received Date** : May 2, 2024  
**Analytical Date** : May 2-8, 2024  
**Report No.** : 2024-RAAI162  
**Report Date** : May 9, 2024

Parameter	Unit	Method of Analysis	Result							Standard <sup>1)</sup>
			Apr 23-24, 24	Apr 24-25, 24	Apr 25-26, 24	Apr 26-27, 24	Apr 27-28, 24	Apr 28-29, 24	Apr 29-30, 24	
Total Suspended Particulate (TSP) 24 Hours Average	mg/m <sup>3</sup>	High-Volume, Gravimetric	0.080	0.089	0.082	0.059	0.092	0.084	0.075	0.330
Particulate Size Less Than 10 Micron (PM10) 24 Hours Average	mg/m <sup>3</sup>	PM10 Size Selective, High-Volume, Gravimetric	0.042	0.039	0.053	0.025	0.044	0.051	0.047	0.120

Remark : <sup>1)</sup> Notification of National Environmental Board, No.10, B.E.2538 (1995), published in the Royal Government Gazette No.112 Part 42D dated May 25, B.E.2538 (1995) and Notification No.24, B.E.2547 (2004), published in the Royal Government Gazette No.121 Special Part 104D dated September 22, B.E.2547 (2004), under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992).




Laboratory Reviewer



Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Sampling Source** : Ambient Air Quality  
**Sampling Point** : Learning and Recreation Center of Rangsit City Municipality  
 (located in Rattanakosin Song Roi Pi Housing Estate)  
**GPS. Coordinate** : UTM (WGS84) 47P 0673847 E, 1547483 N  
**Quotation No.** : AR2024-00674  
**Sampling Date** : April 23-30, 2024  
**Analysis No.** : 2024-AB865  
**Sampling Time** : 09:35  
**Received Date** : May 2, 2024  
**Sampling Method** : U.S. EPA 40 CFR Part 50  
**Analytical Date** : May 2-8, 2024  
**Sampling By** :   
**Report No.** : 2024-RAAI163  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Report Date** : May 9, 2024

Parameter	Unit	Method of Analysis	Result							Standard <sup>1/</sup>
			Apr 23-24, 24	Apr 24-25, 24	Apr 25-26, 24	Apr 26-27, 24	Apr 27-28, 24	Apr 28-29, 24	Apr 29-30, 24	
Total Suspended Particulate (TSP) 24 Hours Average	mg/m <sup>3</sup>	High-Volume, Gravimetric	0.071	0.051	0.046	0.044	0.052	0.053	0.059	0.330
Particulate Size Less Than 10 Micron (PM10) 24 Hours Average	mg/m <sup>3</sup>	PM10 Size Selective, High-Volume, Gravimetric	0.035	0.026	0.024	0.025	0.029	0.020	0.026	0.120

**Remark :** <sup>1/</sup> Notification of National Environmental Board, No.10, B.E.2538 (1995), published in the Royal Government Gazette No.112 Part 42D dated May 25, B.E.2538 (1995) and Notification No.24, B.E.2547 (2004), published in the Royal Government Gazette No.121 Special Part 104D dated September 22, B.E.2547 (2004), under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992).



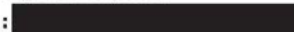
Laboratory Reviewer



Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Air Quality  
**Measured Point** : Khlong Nueng School (Kaew Nimit), Village no. 4, Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674818 E, 1551784 N  
**Measured Date** : April 23-30, 2024  
**Measured By** :   
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : NOx Chemiluminescence Analyzer Horiba Model APNA-370 Serial Number PA6WVAJ9

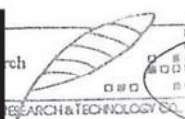
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-001  
**Report No.** : 2024-RAAI622  
**Report Date** : May 14, 2024

Interval Time	Result NO <sub>x</sub> (ppm)							Standard <sup>1)</sup>
	Apr 23-24, 24	Apr 24-25, 24	Apr 25-26, 24	Apr 26-27, 24	Apr 27-28, 24	Apr 28-29, 24	Apr 29-30, 24	
08:00-09:00	0.0085	0.0096	0.0118	0.0113	0.0119	0.0077	0.0082	
09:00-10:00	0.0091	0.0084	0.0115	0.0112	0.0118	0.0080	0.0071	
10:00-11:00	0.0124	0.0086	0.0112	0.0140	0.0123	0.0083	0.0102	
11:00-12:00	0.0090	0.0117	0.0128	0.0144	0.0146	0.0108	0.0141	
12:00-13:00	0.0107	0.0122	0.0142	0.0150	0.0159	0.0120	0.0140	
13:00-14:00	0.0093	0.0118	0.0159	0.0155	0.0163	0.0104	0.0126	
14:00-15:00	0.0107	0.0105	0.0133	0.0141	0.0143	0.0097	0.0117	
15:00-16:00	0.0085	0.0107	0.0175	0.0146	0.0149	0.0095	0.0130	
16:00-17:00	0.0101	0.0170	0.0142	0.0158	0.0153	0.0126	0.0126	
17:00-18:00	0.0148	0.0143	0.0142	0.0152	0.0152	0.0135	0.0130	
18:00-19:00	0.0228	0.0181	0.0245	0.0131	0.0146	0.0163	0.0169	
19:00-20:00	0.0251	0.0187	0.0243	0.0147	0.0147	0.0179	0.0174	
20:00-21:00	0.0304	0.0263	0.0277	0.0237	0.0159	0.0157	0.0213	
21:00-22:00	0.0265	0.0238	0.0225	0.0205	0.0184	0.0141	0.0189	
22:00-23:00	0.0191	0.0230	0.0234	0.0219	0.0152	0.0132	0.0165	
23:00-00:00	0.0173	0.0151	0.0205	0.0214	0.0145	0.0128	0.0140	
00:00-01:00	0.0157	0.0121	0.0177	0.0202	0.0120	0.0115	0.0122	
01:00-02:00	0.0123	0.0136	0.0119	0.0108	0.0085	0.0075	0.0094	
02:00-03:00	0.0093	0.0094	0.0111	0.0096	0.0063	0.0060	0.0076	
03:00-04:00	0.0066	0.0071	0.0124	0.0089	0.0049	0.0051	0.0058	
04:00-05:00	0.0052	0.0061	0.0108	0.0060	0.0051	0.0046	0.0049	
05:00-06:00	0.0054	0.0071	0.0083	0.0056	0.0050	0.0049	0.0049	
06:00-07:00	0.0069	0.0113	0.0094	0.0112	0.0065	0.0069	0.0065	
07:00-08:00	0.0086	0.0126	0.0119	0.0098	0.0079	0.0083	0.0077	
24 Hours Average	0.0131	0.0133	0.0155	0.0141	0.0122	0.0103	0.0117	-
1 Hour Maximum	0.0304	0.0263	0.0277	0.0237	0.0184	0.0179	0.0213	0.17

Remark : <sup>1)</sup> Notification of National Environmental Board, No.10, B.E.2538 (1995), published in the Royal Government Gazette No.112 Part 42D dated May 25, B.E.2538 (1995), Notification No.28, B.E.2550 (2007), published in the Royal Government Gazette No.124 Special Part 58D dated May 14, B.E.2550 (2007) and Notification No.33, B.E.2552 (2009), published in the Royal Government Gazette No.126 Special Part 114D dated August 14, B.E.2552 (2009), under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992).



Laboratory Reviewer




Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Air Quality  
**Measured Point** : Khlong Nueng School (Kaew Nimit), Village no. 4, Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674818 E, 1551784 N  
**Measured Date** : April 23-30, 2024  
**Measured By** :   
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : SO<sub>2</sub> UV-Fluorescence Analyzer Thermo Model 43i Serial Number CM14430003

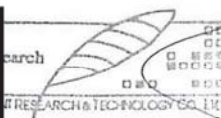
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-001  
**Report No.** : 2024-RAAI621  
**Report Date** : May 14, 2024

Interval Time	Result SO <sub>2</sub> (ppm)							Standard
	Apr 23-24, 24	Apr 24-25, 24	Apr 25-26, 24	Apr 26-27, 24	Apr 27-28, 24	Apr 28-29, 24	Apr 29-30, 24	
08:00-09:00	0.0014	0.0014	0.0014	0.0014	0.0013	0.0014	0.0013	
09:00-10:00	0.0013	0.0013	0.0013	0.0013	0.0014	0.0014	0.0013	
10:00-11:00	0.0014	0.0014	0.0013	0.0014	0.0015	0.0014	0.0014	
11:00-12:00	0.0014	0.0014	0.0016	0.0013	0.0013	0.0014	0.0014	
12:00-13:00	0.0014	0.0014	0.0015	0.0013	0.0014	0.0014	0.0015	
13:00-14:00	0.0015	0.0014	0.0013	0.0013	0.0014	0.0014	0.0014	
14:00-15:00	0.0013	0.0013	0.0013	0.0014	0.0015	0.0015	0.0015	
15:00-16:00	0.0015	0.0014	0.0014	0.0013	0.0015	0.0013	0.0014	
16:00-17:00	0.0014	0.0014	0.0014	0.0013	0.0014	0.0014	0.0015	
17:00-18:00	0.0015	0.0015	0.0013	0.0013	0.0015	0.0014	0.0014	
18:00-19:00	0.0014	0.0015	0.0014	0.0014	0.0013	0.0014	0.0015	
19:00-20:00	0.0014	0.0013	0.0013	0.0013	0.0013	0.0015	0.0014	
20:00-21:00	0.0013	0.0015	0.0014	0.0013	0.0014	0.0013	0.0015	
21:00-22:00	0.0013	0.0014	0.0014	0.0012	0.0013	0.0013	0.0014	
22:00-23:00	0.0013	0.0014	0.0013	0.0013	0.0013	0.0013	0.0014	
23:00-00:00	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0014	
00:00-01:00	0.0014	0.0014	0.0013	0.0013	0.0013	0.0013	0.0013	
01:00-02:00	0.0013	0.0014	0.0014	0.0013	0.0014	0.0013	0.0013	
02:00-03:00	0.0013	0.0012	0.0012	0.0014	0.0011	0.0013	0.0014	
03:00-04:00	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	
04:00-05:00	0.0012	0.0013	0.0013	0.0013	0.0013	0.0012	0.0013	
05:00-06:00	0.0013	0.0013	0.0013	0.0013	0.0011	0.0013	0.0014	
06:00-07:00	0.0013	0.0013	0.0012	0.0014	0.0014	0.0012	0.0013	
07:00-08:00	0.0014	0.0013	0.0013	0.0014	0.0013	0.0013	0.0014	
24 Hours Average	0.0014	0.0014	0.0013	0.0013	0.0013	0.0013	0.0014	0.12 <sup>1'</sup>
1 Hour Maximum	0.0015	0.0015	0.0016	0.0014	0.0015	0.0015	0.0015	0.30 <sup>2'</sup>

**Remark :** <sup>1'</sup> Notification of National Environmental Board, No.10, B.E.2538 (1995), published in the Royal Government Gazette No.112 Part 42D dated May 25, B.E.2538 (1995) and Notification No.24, B.E.2547 (2004), published in the Royal Government Gazette No.121 Special Part 104D dated September 22, B.E.2547 (2004), under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992).  
<sup>2'</sup> Notification of National Environmental Board, No.12, B.E.2538 (1995), published in the Royal Government Gazette No.112 Special Part 27D dated July 13, B.E.2538 (1995) and Notification No.21, B.E.2544 (2001), published in the Royal Government Gazette No.118 Special Part 39D dated April 30, B.E.2544 (2001), under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992).




Laboratory Reviewer




Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Air Quality  
**Measured Point** : Sadet Temple, Village no. 5, Suan Phrik Thai Sub-District, Mueang Pathum Thani District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0668806 E, 1551650 N  
**Measured Date** : April 23-30, 2024  
**Measured By** :   
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : NOx Chemiluminescence Analyzer Horiba Model APNA-370 Serial Number J6GUBA4N

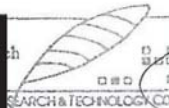
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-008  
**Report No.** : 2024-RAAI624  
**Report Date** : May 14, 2024

Interval Time	Result NO <sub>x</sub> (ppm)							Standard <sup>1/</sup>
	Apr 23-24, 24	Apr 24-25, 24	Apr 25-26, 24	Apr 26-27, 24	Apr 27-28, 24	Apr 28-29, 24	Apr 29-30, 24	
10:00-11:00	0.0136	0.0118	0.0130	0.0157	0.0101	0.0123	0.0113	
11:00-12:00	0.0125	0.0098	0.0132	0.0136	0.0100	0.0096	0.0118	
12:00-13:00	0.0100	0.0104	0.0142	0.0114	0.0090	0.0092	0.0113	
13:00-14:00	0.0109	0.0097	0.0121	0.0113	0.0093	0.0097	0.0106	
14:00-15:00	0.0106	0.0096	0.0112	0.0110	0.0093	0.0102	0.0106	
15:00-16:00	0.0103	0.0103	0.0125	0.0118	0.0104	0.0100	0.0103	
16:00-17:00	0.0118	0.0119	0.0136	0.0124	0.0100	0.0102	0.0107	
17:00-18:00	0.0117	0.0146	0.0164	0.0151	0.0110	0.0117	0.0128	
18:00-19:00	0.0174	0.0175	0.0176	0.0170	0.0174	0.0138	0.0183	
19:00-20:00	0.0223	0.0237	0.0221	0.0180	0.0196	0.0199	0.0224	
20:00-21:00	0.0220	0.0295	0.0284	0.0261	0.0196	0.0181	0.0273	
21:00-22:00	0.0148	0.0272	0.0258	0.0199	0.0148	0.0137	0.0216	
22:00-23:00	0.0130	0.0173	0.0265	0.0175	0.0149	0.0139	0.0145	
23:00-00:00	0.0128	0.0153	0.0258	0.0131	0.0110	0.0122	0.0118	
00:00-01:00	0.0108	0.0113	0.0198	0.0122	0.0096	0.0101	0.0122	
01:00-02:00	0.0100	0.0087	0.0122	0.0106	0.0098	0.0098	0.0100	
02:00-03:00	0.0100	0.0083	0.0100	0.0099	0.0108	0.0110	0.0097	
03:00-04:00	0.0101	0.0097	0.0110	0.0099	0.0094	0.0102	0.0113	
04:00-05:00	0.0102	0.0102	0.0102	0.0102	0.0090	0.0111	0.0124	
05:00-06:00	0.0111	0.0121	0.0108	0.0118	0.0093	0.0106	0.0123	
06:00-07:00	0.0109	0.0124	0.0120	0.0131	0.0102	0.0106	0.0140	
07:00-08:00	0.0141	0.0154	0.0134	0.0140	0.0127	0.0115	0.0161	
08:00-09:00	0.0144	0.0148	0.0162	0.0134	0.0136	0.0121	0.0126	
09:00-10:00	0.0134	0.0131	0.0161	0.0123	0.0123	0.0111	0.0119	
24 Hours Average	0.0129	0.0139	0.0160	0.0138	0.0118	0.0118	0.0137	-
1 Hour Maximum	0.0223	0.0295	0.0284	0.0261	0.0196	0.0199	0.0273	0.17

Remark : <sup>1/</sup> Notification of National Environmental Board, No.10, B.E.2538 (1995), published in the Royal Government Gazette No.112 Part 42D dated May 25, B.E.2538 (1995), Notification No.28, B.E.2550 (2007), published in the Royal Government Gazette No.124 Special Part 58D dated May 14, B.E.2550 (2007) and Notification No.33, B.E.2552 (2009), published in the Royal Government Gazette No.126 Special Part 114D dated August 14, B.E.2552 (2009), under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992).



Laboratory Reviewer




Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Air Quality  
**Measured Point** : Sadet Temple, Village no. 5, Suan Phrik Thai Sub-District, Mueang Pathum Thani District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0668806 E, 1551650 N  
**Measured Date** : April 23-30, 2024  
**Measured By** :   
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : SO<sub>2</sub> UV-Fluorescence Analyzer Horiba Model APSA-370 Serial Number A5VTX5AF

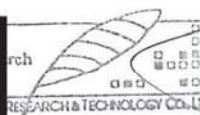
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-008  
**Report No.** : 2024-RAAI623  
**Report Date** : May 14, 2024

Interval Time	Result SO <sub>2</sub> (ppm)							Standard
	Apr 23-24, 24	Apr 24-25, 24	Apr 25-26, 24	Apr 26-27, 24	Apr 27-28, 24	Apr 28-29, 24	Apr 29-30, 24	
10:00-11:00	0.0018	0.0022	0.0019	0.0021	0.0022	0.0018	0.0017	
11:00-12:00	0.0018	0.0021	0.0017	0.0021	0.0020	0.0022	0.0018	
12:00-13:00	0.0016	0.0019	0.0020	0.0020	0.0021	0.0020	0.0019	
13:00-14:00	0.0015	0.0016	0.0016	0.0014	0.0023	0.0018	0.0018	
14:00-15:00	0.0015	0.0015	0.0012	0.0015	0.0023	0.0021	0.0020	
15:00-16:00	0.0017	0.0015	0.0010	0.0019	0.0019	0.0017	0.0020	
16:00-17:00	0.0022	0.0016	0.0012	0.0017	0.0019	0.0012	0.0018	
17:00-18:00	0.0019	0.0014	0.0012	0.0021	0.0017	0.0012	0.0018	
18:00-19:00	0.0016	0.0016	0.0015	0.0019	0.0016	0.0014	0.0017	
19:00-20:00	0.0014	0.0016	0.0017	0.0018	0.0024	0.0012	0.0021	
20:00-21:00	0.0019	0.0018	0.0016	0.0019	0.0030	0.0014	0.0023	
21:00-22:00	0.0015	0.0018	0.0015	0.0020	0.0015	0.0013	0.0022	
22:00-23:00	0.0015	0.0018	0.0017	0.0021	0.0014	0.0012	0.0019	
23:00-00:00	0.0019	0.0015	0.0016	0.0024	0.0014	0.0012	0.0023	
00:00-01:00	0.0019	0.0015	0.0014	0.0022	0.0014	0.0013	0.0020	
01:00-02:00	0.0016	0.0017	0.0013	0.0017	0.0013	0.0013	0.0018	
02:00-03:00	0.0015	0.0016	0.0015	0.0018	0.0012	0.0013	0.0016	
03:00-04:00	0.0014	0.0015	0.0013	0.0017	0.0014	0.0013	0.0018	
04:00-05:00	0.0012	0.0016	0.0015	0.0015	0.0015	0.0014	0.0018	
05:00-06:00	0.0012	0.0017	0.0012	0.0015	0.0013	0.0013	0.0019	
06:00-07:00	0.0013	0.0015	0.0012	0.0015	0.0015	0.0013	0.0017	
07:00-08:00	0.0016	0.0015	0.0018	0.0017	0.0015	0.0013	0.0019	
08:00-09:00	0.0019	0.0017	0.0020	0.0021	0.0017	0.0014	0.0021	
09:00-10:00	0.0016	0.0021	0.0017	0.0019	0.0021	0.0017	0.0028	
<b>24 Hours Average</b>	<b>0.0016</b>	<b>0.0017</b>	<b>0.0015</b>	<b>0.0019</b>	<b>0.0018</b>	<b>0.0015</b>	<b>0.0019</b>	<b>0.12<sup>1/</sup></b>
<b>1 Hour Maximum</b>	<b>0.0022</b>	<b>0.0022</b>	<b>0.0020</b>	<b>0.0024</b>	<b>0.0030</b>	<b>0.0022</b>	<b>0.0028</b>	<b>0.30<sup>2/</sup></b>

**Remark :** <sup>1/</sup> Notification of National Environmental Board, No.10, B.E.2538 (1995), published in the Royal Government Gazette No.112 Part 42D dated May 25, B.E.2538 (1995) and Notification No.24, B.E.2547 (2004), published in the Royal Government Gazette No.121 Special Part 104D dated September 22, B.E.2547 (2004), under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992).  
<sup>2/</sup> Notification of National Environmental Board, No.12, B.E.2538 (1995), published in the Royal Government Gazette No.112 Special Part 27D dated July 13, B.E.2538 (1995) and Notification No.21, B.E.2544 (2001), published in the Royal Government Gazette No.118 Special Part 39D dated April 30, B.E.2544 (2001), under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992).



Laboratory Reviewer




Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Air Quality  
**Measured Point** : Saeng San Temple, Village no. 6, Prachathipat Sub-District, Thanyaburi District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0677576 E, 1548955 N  
**Measured Date** : April 23-30, 2024  
**Measured By** :   
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : NOx Chemiluminescence Analyzer API Model 200A Serial Number 979

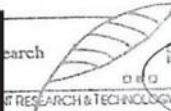
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-015  
**Report No.** : 2024-RAAI626  
**Report Date** : May 14, 2024

Interval Time	Result NO <sub>x</sub> (ppm)							Standard <sup>1)</sup>
	Apr 23-24, 24	Apr 24-25, 24	Apr 25-26, 24	Apr 26-27, 24	Apr 27-28, 24	Apr 28-29, 24	Apr 29-30, 24	
09:00-10:00	0.0098	0.0101	0.0106	0.0115	0.0115	0.0222	0.0107	
10:00-11:00	0.0092	0.0103	0.0142	0.0112	0.0211	0.0156	0.0206	
11:00-12:00	0.0096	0.0100	0.0113	0.0218	0.0287	0.0116	0.0120	
12:00-13:00	0.0095	0.0107	0.0118	0.0149	0.0109	0.0148	0.0101	
13:00-14:00	0.0103	0.0113	0.0117	0.0124	0.0211	0.0105	0.0112	
14:00-15:00	0.0121	0.0127	0.0145	0.0145	0.0136	0.0171	0.0115	
15:00-16:00	0.0137	0.0129	0.0160	0.0121	0.0168	0.0098	0.0142	
16:00-17:00	0.0125	0.0130	0.0166	0.0123	0.0150	0.0088	0.0127	
17:00-18:00	0.0149	0.0177	0.0200	0.0129	0.0154	0.0112	0.0143	
18:00-19:00	0.0149	0.0213	0.0237	0.0160	0.0161	0.0136	0.0180	
19:00-20:00	0.0179	0.0166	0.0217	0.0173	0.0134	0.0124	0.0178	
20:00-21:00	0.0143	0.0159	0.0143	0.0150	0.0120	0.0099	0.0142	
21:00-22:00	0.0121	0.0123	0.0126	0.0121	0.0096	0.0082	0.0099	
22:00-23:00	0.0149	0.0107	0.0120	0.0125	0.0083	0.0064	0.0080	
23:00-00:00	0.0092	0.0071	0.0087	0.0086	0.0070	0.0062	0.0076	
00:00-01:00	0.0091	0.0078	0.0060	0.0075	0.0059	0.0044	0.0069	
01:00-02:00	0.0081	0.0068	0.0066	0.0062	0.0039	0.0038	0.0053	
02:00-03:00	0.0053	0.0065	0.0076	0.0056	0.0042	0.0035	0.0035	
03:00-04:00	0.0064	0.0060	0.0077	0.0042	0.0044	0.0034	0.0038	
04:00-05:00	0.0066	0.0054	0.0088	0.0047	0.0049	0.0035	0.0043	
05:00-06:00	0.0072	0.0073	0.0081	0.0055	0.0057	0.0051	0.0049	
06:00-07:00	0.0098	0.0124	0.0073	0.0086	0.0067	0.0061	0.0070	
07:00-08:00	0.0107	0.0121	0.0075	0.0095	0.0098	0.0083	0.0101	
08:00-09:00	0.0103	0.0114	0.0096	0.0109	0.0123	0.0110	0.0097	
24 Hours Average	0.0108	0.0112	0.0120	0.0112	0.0116	0.0095	0.0103	-
1 Hour Maximum	0.0179	0.0213	0.0237	0.0218	0.0287	0.0222	0.0206	0.17

Remark : <sup>1)</sup> Notification of National Environmental Board, No.10, B.E.2538 (1995), published in the Royal Government Gazette No.112 Part 42D dated May 25, B.E.2538 (1995), Notification No.28, B.E.2550 (2007), published in the Royal Government Gazette No.124 Special Part 58D dated May 14, B.E.2550 (2007) and Notification No.33, B.E.2552 (2009), published in the Royal Government Gazette No.126 Special Part 114D dated August 14, B.E.2552 (2009), under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992).



Laboratory Reviewer




Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Air Quality  
**Measured Point** : Saeng San Temple, Village no. 6, Prachathipat Sub-District, Thanyaburi District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0677576 E, 1548955 N  
**Measured Date** : April 23-30, 2024  
**Measured By** :   
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : SO<sub>2</sub> UV-Fluorescence Analyzer Thermo Model 43C Serial Number 73370-373

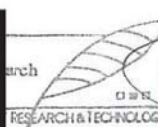
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-015  
**Report No.** : 2024-RAAI625  
**Report Date** : May 14, 2024

Interval Time	Result SO <sub>2</sub> (ppm)							Standard
	Apr 23-24, 24	Apr 24-25, 24	Apr 25-26, 24	Apr 26-27, 24	Apr 27-28, 24	Apr 28-29, 24	Apr 29-30, 24	
09:00-10:00	0.0020	0.0021	0.0014	0.0012	0.0011	0.0013	0.0015	
10:00-11:00	0.0019	0.0023	0.0013	0.0013	0.0013	0.0019	0.0017	
11:00-12:00	0.0020	0.0020	0.0013	0.0014	0.0012	0.0018	0.0015	
12:00-13:00	0.0023	0.0018	0.0015	0.0013	0.0014	0.0016	0.0012	
13:00-14:00	0.0025	0.0020	0.0016	0.0018	0.0015	0.0020	0.0011	
14:00-15:00	0.0027	0.0015	0.0014	0.0014	0.0014	0.0022	0.0010	
15:00-16:00	0.0026	0.0017	0.0015	0.0017	0.0015	0.0019	0.0010	
16:00-17:00	0.0027	0.0014	0.0013	0.0015	0.0021	0.0021	0.0011	
17:00-18:00	0.0016	0.0018	0.0014	0.0013	0.0019	0.0025	0.0013	
18:00-19:00	0.0019	0.0014	0.0016	0.0018	0.0025	0.0018	0.0015	
19:00-20:00	0.0018	0.0013	0.0020	0.0014	0.0020	0.0022	0.0016	
20:00-21:00	0.0013	0.0017	0.0024	0.0012	0.0016	0.0016	0.0017	
21:00-22:00	0.0009	0.0014	0.0022	0.0014	0.0014	0.0012	0.0013	
22:00-23:00	0.0011	0.0012	0.0021	0.0013	0.0010	0.0009	0.0014	
23:00-00:00	0.0010	0.0012	0.0018	0.0014	0.0010	0.0010	0.0013	
00:00-01:00	0.0007	0.0011	0.0017	0.0015	0.0009	0.0008	0.0015	
01:00-02:00	0.0011	0.0010	0.0014	0.0014	0.0008	0.0008	0.0013	
02:00-03:00	0.0011	0.0010	0.0012	0.0014	0.0007	0.0008	0.0009	
03:00-04:00	0.0012	0.0011	0.0012	0.0016	0.0007	0.0006	0.0010	
04:00-05:00	0.0013	0.0012	0.0011	0.0014	0.0008	0.0005	0.0012	
05:00-06:00	0.0013	0.0012	0.0011	0.0015	0.0010	0.0007	0.0012	
06:00-07:00	0.0012	0.0013	0.0012	0.0014	0.0009	0.0014	0.0015	
07:00-08:00	0.0014	0.0014	0.0012	0.0013	0.0008	0.0010	0.0014	
08:00-09:00	0.0017	0.0012	0.0011	0.0013	0.0011	0.0008	0.0015	
<b>24 Hours Average</b>	<b>0.0016</b>	<b>0.0015</b>	<b>0.0015</b>	<b>0.0014</b>	<b>0.0013</b>	<b>0.0014</b>	<b>0.0013</b>	<b>0.12<sup>1</sup></b>
<b>1 Hour Maximum</b>	<b>0.0027</b>	<b>0.0023</b>	<b>0.0024</b>	<b>0.0018</b>	<b>0.0025</b>	<b>0.0025</b>	<b>0.0017</b>	<b>0.30<sup>2</sup></b>

**Remark :** <sup>1</sup> Notification of National Environmental Board, No.10, B.E.2538 (1995), published in the Royal Government Gazette No.112 Part 42D dated May 25, B.E.2538 (1995) and Notification No.24, B.E.2547 (2004), published in the Royal Government Gazette No.121 Special Part 104D dated September 22, B.E.2547 (2004), under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992).  
<sup>2</sup> Notification of National Environmental Board, No.12, B.E.2538 (1995), published in the Royal Government Gazette No.112 Special Part 27D dated July 13, B.E.2538 (1995) and Notification No.21, B.E.2544 (2001), published in the Royal Government Gazette No.118 Special Part 39D dated April 30, B.E.2544 (2001), under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992).



Laboratory Reviewer




Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Air Quality  
**Measured Point** : Learning and Recreation Center of Rangsit City Municipality  
**(located in Rattanakosin Song Roi Pi Housing Estate)**  
**GPS. Coordinate** : UTM (WGS84) 47P 0673847 E, 1547483 N  
**Measured Date** : April 23-30, 2024  
**Measured By** :   
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : NOx Chemiluminescence Analyzer API Model 200A Serial Number 1464

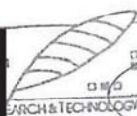
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-022  
**Report No.** : 2024-RAAI628  
**Report Date** : May 14, 2024

Interval Time	Result NO <sub>2</sub> (ppm)							Standard <sup>1'</sup>
	Apr 23-24, 24	Apr 24-25, 24	Apr 25-26, 24	Apr 26-27, 24	Apr 27-28, 24	Apr 28-29, 24	Apr 29-30, 24	
10:00-11:00	0.0149	0.0119	0.0120	0.0125	0.0092	0.0110	0.0124	
11:00-12:00	0.0145	0.0111	0.0121	0.0114	0.0086	0.0093	0.0112	
12:00-13:00	0.0124	0.0104	0.0112	0.0111	0.0100	0.0097	0.0107	
13:00-14:00	0.0104	0.0102	0.0110	0.0110	0.0105	0.0103	0.0112	
14:00-15:00	0.0121	0.0108	0.0167	0.0139	0.0119	0.0093	0.0102	
15:00-16:00	0.0114	0.0131	0.0261	0.0280	0.0129	0.0099	0.0142	
16:00-17:00	0.0118	0.0186	0.0229	0.0196	0.0198	0.0111	0.0215	
17:00-18:00	0.0160	0.0330	0.0244	0.0188	0.0152	0.0155	0.0224	
18:00-19:00	0.0229	0.0312	0.0253	0.0225	0.0217	0.0168	0.0265	
19:00-20:00	0.0216	0.0278	0.0236	0.0222	0.0196	0.0146	0.0245	
20:00-21:00	0.0195	0.0211	0.0212	0.0208	0.0151	0.0130	0.0193	
21:00-22:00	0.0160	0.0191	0.0201	0.0159	0.0135	0.0117	0.0163	
22:00-23:00	0.0148	0.0163	0.0184	0.0160	0.0114	0.0105	0.0141	
23:00-00:00	0.0162	0.0044	0.0166	0.0137	0.0098	0.0105	0.0110	
00:00-01:00	0.0124	0.0098	0.0126	0.0111	0.0101	0.0083	0.0091	
01:00-02:00	0.0105	0.0080	0.0106	0.0108	0.0080	0.0088	0.0093	
02:00-03:00	0.0105	0.0092	0.0118	0.0102	0.0069	0.0075	0.0084	
03:00-04:00	0.0085	0.0104	0.0109	0.0094	0.0079	0.0080	0.0094	
04:00-05:00	0.0090	0.0146	0.0123	0.0111	0.0099	0.0100	0.0098	
05:00-06:00	0.0081	0.0196	0.0162	0.0112	0.0114	0.0123	0.0118	
06:00-07:00	0.0148	0.0207	0.0122	0.0155	0.0114	0.0133	0.0165	
07:00-08:00	0.0131	0.0176	0.0201	0.0160	0.0121	0.0125	0.0132	
08:00-09:00	0.0123	0.0135	0.0156	0.0116	0.0118	0.0135	0.0107	
09:00-10:00	0.0037	0.0128	0.0166	0.0099	0.0103	0.0125	0.0126	
24 Hours Average	0.0132	0.0156	0.0167	0.0148	0.0120	0.0112	0.0140	-
1 Hour Maximum	0.0229	0.0330	0.0261	0.0280	0.0217	0.0168	0.0265	0.17

Remark : <sup>1'</sup> Notification of National Environmental Board, No.10, B.E.2538 (1995), published in the Royal Government Gazette No.112 Part 42D dated May 25, B.E.2538 (1995), Notification No.28, B.E.2550 (2007), published in the Royal Government Gazette No.124 Special Part 58D dated May 14, B.E.2550 (2007) and Notification No.33, B.E.2552 (2009), published in the Royal Government Gazette No.126 Special Part 114D dated August 14, B.E.2552 (2009), under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992).



Laboratory Reviewer



Laboratory Supervisor



## ANALYSIS REPORT

Customer Name	:Klong Luang Utilities Company Limited		
Address	:222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210		
Project Name	:Electricity and Steam Generating Cogeneration, Pathumthani Province Project		
Project Location	:1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani		
Measured Source	:Ambient Air Quality		
Measured Point	:Learning and Recreation Center of Rangsit City Municipality (located in Rattanakosin Song Roi Pi Housing Estate)		
GPS. Coordinate	:UTM (WGS84) 47P 0673847 E, 1547483 N	Quotation No.	:AR2024-00674
Measured Date	:April 23-30, 2024	Analysis No.	:2024-AB865-022
Measured By	: <div></div>	Report No.	:2024-RAAI627
Analyzed By	:Environment Research & Technology Co., Ltd.	Report Date	:May 14, 2024
Measured Instrument	:SO <sub>2</sub> UV-Fluorescence Analyzer Thermo Model 43C Serial Number 64390-343/2		

Interval Time	Result SO <sub>2</sub> (ppm)							Standard
	Apr 23-24, 24	Apr 24-25, 24	Apr 25-26, 24	Apr 26-27, 24	Apr 27-28, 24	Apr 28-29, 24	Apr 29-30, 24	
10:00-11:00	0.0019	0.0016	0.0015	0.0012	0.0014	0.0023	0.0017	
11:00-12:00	0.0018	0.0016	0.0014	0.0012	0.0014	0.0021	0.0017	
12:00-13:00	0.0016	0.0016	0.0010	0.0012	0.0015	0.0020	0.0016	
13:00-14:00	0.0017	0.0017	0.0015	0.0012	0.0015	0.0018	0.0016	
14:00-15:00	0.0019	0.0015	0.0018	0.0014	0.0017	0.0019	0.0016	
15:00-16:00	0.0014	0.0015	0.0019	0.0016	0.0018	0.0019	0.0017	
16:00-17:00	0.0014	0.0018	0.0016	0.0018	0.0017	0.0018	0.0018	
17:00-18:00	0.0013	0.0018	0.0017	0.0019	0.0017	0.0018	0.0018	
18:00-19:00	0.0015	0.0019	0.0016	0.0018	0.0019	0.0019	0.0021	
19:00-20:00	0.0021	0.0020	0.0017	0.0015	0.0023	0.0019	0.0023	
20:00-21:00	0.0018	0.0022	0.0017	0.0016	0.0020	0.0017	0.0019	
21:00-22:00	0.0012	0.0018	0.0017	0.0013	0.0019	0.0015	0.0017	
22:00-23:00	0.0015	0.0014	0.0015	0.0012	0.0019	0.0015	0.0014	
23:00-00:00	0.0014	0.0013	0.0014	0.0012	0.0019	0.0015	0.0014	
00:00-01:00	0.0013	0.0014	0.0014	0.0012	0.0018	0.0015	0.0014	
01:00-02:00	0.0013	0.0013	0.0014	0.0012	0.0018	0.0016	0.0014	
02:00-03:00	0.0010	0.0013	0.0013	0.0012	0.0018	0.0016	0.0014	
03:00-04:00	0.0013	0.0014	0.0013	0.0011	0.0015	0.0016	0.0014	
04:00-05:00	0.0013	0.0014	0.0013	0.0011	0.0015	0.0016	0.0014	
05:00-06:00	0.0013	0.0015	0.0014	0.0011	0.0016	0.0016	0.0015	
06:00-07:00	0.0013	0.0014	0.0012	0.0013	0.0018	0.0017	0.0013	
07:00-08:00	0.0016	0.0026	0.0014	0.0014	0.0021	0.0018	0.0011	
08:00-09:00	0.0016	0.0019	0.0014	0.0013	0.0021	0.0019	0.0013	
09:00-10:00	0.0016	0.0016	0.0014	0.0015	0.0024	0.0019	0.0013	
24 Hours Average	0.0015	0.0016	0.0015	0.0014	0.0018	0.0018	0.0016	0.12 <sup>1'</sup>
1 Hour Maximum	0.0021	0.0026	0.0019	0.0019	0.0024	0.0023	0.0023	0.30 <sup>2'</sup>

**Remark :** <sup>1</sup> Notification of National Environmental Board, No.10, B.E.2538 (1995), published in the Royal Government Gazette No.112 Part 42D dated May 25, B.E.2538 (1995) and Notification No.24, B.E.2547 (2004), published in the Royal Government Gazette No.121 Special Part 104D dated September 22, B.E.2547 (2004), under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992).

<sup>2</sup> Notification of National Environmental Board, No.12, B.E.2538 (1995), published in the Royal Government Gazette No.112 Special Part 27D dated July 13, B.E.2538 (1995) and Notification No.21, B.E.2544 (2001), published in the Royal Government Gazette No.118 Special Part 39D dated April 30, B.E.2544 (2001), under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992).

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Laboratory Reviewer

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Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road , Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3 , Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Point** : Khlong Nueng School (Kaew Nimit), Village no. 4, Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674818 E, 1551784 N  
**Measured Date** : April 23-30, 2024  
**Measured By** :   
**Analyzed By** : Environment Research & Technology Co., Ltd.


**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-001  
**Report No.** : 2024-RAAI633  
**Report Date** : May 14, 2024

Date/Time	Apr 23-24, 24			Apr 24-25, 24			Apr 25-26, 24			Apr 26-27, 24		
	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD
08:00-09:00	32.1	2.2	SE	31.6	2.2	SE	31.6	1.8	ESE	31.2	2.2	ESE
09:00-10:00	33.8	2.7	SE	33.8	2.7	SE	34.4	1.8	ESE	33.8	2.2	ESE
10:00-11:00	34.9	1.8	SSE	36.6	2.7	SE	37.0	2.2	SE	36.6	2.2	ESE
11:00-12:00	36.4	2.7	SE	37.2	2.2	SE	38.6	2.2	SE	39.4	2.2	ESE
12:00-13:00	38.3	2.2	SE	39.2	2.2	SE	40.4	1.8	SE	40.5	2.2	SW
13:00-14:00	38.8	2.7	SE	39.9	2.2	SW	41.8	2.2	SW	41.5	2.2	SW
14:00-15:00	40.3	2.7	SW	40.3	2.7	SE	42.4	2.2	SW	41.4	2.2	SE
15:00-16:00	39.3	2.7	SE	39.9	2.7	SE	42.1	2.2	SW	41.1	2.7	SE
16:00-17:00	39.1	2.7	SE	39.9	2.7	SE	40.7	2.2	SE	39.9	2.7	SE
17:00-18:00	37.3	2.7	SE	37.6	2.2	SE	38.3	2.2	SE	38.2	2.7	SE
18:00-19:00	35.3	2.2	SSW	36.1	2.2	SE	36.8	2.2	SE	36.1	2.7	SE
19:00-20:00	34.1	2.2	SSE	34.6	2.2	SE	34.4	2.2	SE	34.6	2.7	SE
20:00-21:00	33.0	2.2	SSW	33.4	2.2	SE	33.1	2.2	SSE	33.3	2.2	SE
21:00-22:00	32.2	2.7	SE	32.1	2.2	SE	32.2	2.2	SSE	32.3	2.7	SE
22:00-23:00	31.6	2.2	SE	31.7	2.2	SE	31.7	1.8	SSE	32.1	2.7	SW
23:00-00:00	31.2	1.8	SE	31.2	2.7	SE	31.4	2.2	SSE	31.8	1.8	SW
00:00-01:00	30.8	1.8	S	30.9	2.7	SSW	30.9	2.2	SE	31.3	1.3	SSE
01:00-02:00	30.6	1.8	SE	30.7	1.3	N	30.6	1.3	N	30.9	2.2	N
02:00-03:00	30.3	2.2	SSE	30.2	0.9	N	30.3	1.3	N	30.8	2.2	N
03:00-04:00	30.2	1.8	SE	29.9	1.3	N	30.3	0.9	N	30.6	2.2	N
04:00-05:00	30.2	1.3	SSE	29.7	0.9	N	29.8	0.9	N	30.4	1.8	N
05:00-06:00	30.2	1.8	SSE	29.6	0.9	N	29.7	1.3	N	30.2	1.3	N
06:00-07:00	29.9	1.3	SE	28.9	0.9	N	29.1	0.4	N	30.1	0.9	N
07:00-08:00	30.3	1.3	SSE	29.2	1.8	ESE	28.8	0.9	N	30.1	1.3	N

**Remark :** WS = Wind Speed (m/s)  
WD = Wind Direction  
Temp. = Temperature (°C)  
Height of wind vane and anemometer above ground 10 meters.



Laboratory Reviewer




Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road , Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3 , Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Point** : Khlong Nueng School (Kaew Nimit), Village no. 4, Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674818 E, 1551784 N  
**Measured Date** : April 23-30, 2024  
**Measured By** :   
**Analyzed By** : Environment Research & Technology Co., Ltd.

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-001  
**Report No.** : 2024-RAAI633  
**Report Date** : May 14, 2024

Date/Time	Apr 27-28, 24			Apr 28-29, 24			Apr 29-30, 24		
	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD
08:00-09:00	32.0	1.8	ESE	31.8	2.2	ESE	32.6	1.8	ESE
09:00-10:00	35.3	1.8	ESE	34.8	1.8	ESE	35.3	2.7	SSE
10:00-11:00	38.3	1.8	W	36.8	2.2	SSE	36.9	2.2	SSE
11:00-12:00	40.6	2.2	SW	38.2	2.2	SE	38.1	2.2	WSW
12:00-13:00	42.4	2.2	SW	38.9	2.7	SW	39.2	2.2	SW
13:00-14:00	43.1	2.2	SW	39.9	2.7	SW	40.4	2.2	SSE
14:00-15:00	43.8	2.2	WNW	40.2	2.7	SE	41.6	2.2	WSW
15:00-16:00	41.0	2.7	SW	40.1	2.7	SSE	41.9	2.2	SW
16:00-17:00	41.3	2.2	SW	38.9	3.1	SE	40.4	2.7	SSE
17:00-18:00	37.9	2.2	SE	36.8	2.7	SE	37.6	2.7	SSE
18:00-19:00	36.2	2.7	SSE	35.3	2.2	SSE	36.2	2.2	SSE
19:00-20:00	34.3	3.1	SSE	33.8	2.2	SSE	34.9	1.8	SSE
20:00-21:00	32.8	2.7	SE	32.6	3.1	SSE	33.6	2.2	SSE
21:00-22:00	32.1	3.1	SSW	32.1	2.7	SSE	32.4	2.7	SSE
22:00-23:00	31.8	2.7	SSE	31.6	3.1	N	31.9	2.7	SW
23:00-00:00	31.6	2.7	SW	31.4	3.1	N	31.4	2.2	N
00:00-01:00	31.2	2.2	N	31.3	2.7	N	31.2	2.2	N
01:00-02:00	30.8	2.2	N	30.9	2.2	N	30.9	2.2	N
02:00-03:00	30.6	1.8	N	30.7	1.8	N	30.7	2.2	N
03:00-04:00	30.4	1.8	N	30.6	1.8	N	30.6	1.3	N
04:00-05:00	30.4	1.8	N	30.5	1.3	N	30.4	1.3	N
05:00-06:00	30.4	1.8	N	30.6	0.9	N	30.3	1.3	N
06:00-07:00	29.9	1.8	N	30.5	1.3	N	30.3	1.3	N
07:00-08:00	30.0	2.2	N	30.9	1.3	N	30.8	1.3	N

Remark : WS = Wind Speed (m/s)  
WD = Wind Direction  
Temp. = Temperature (°C)  
Height of wind vane and anemometer above ground 10 meters.



Laboratory Reviewer




Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road , Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3 , Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Point** : Khlong Nueng School (Kaew Nimit), Village no. 4, Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674818 E, 1551784 N  
**Measured Date** : April 23-30, 2024  
**Measured By** : XXXXXXXXXX  
**Analyzed By** : Environment Research & Technology Co., Ltd.

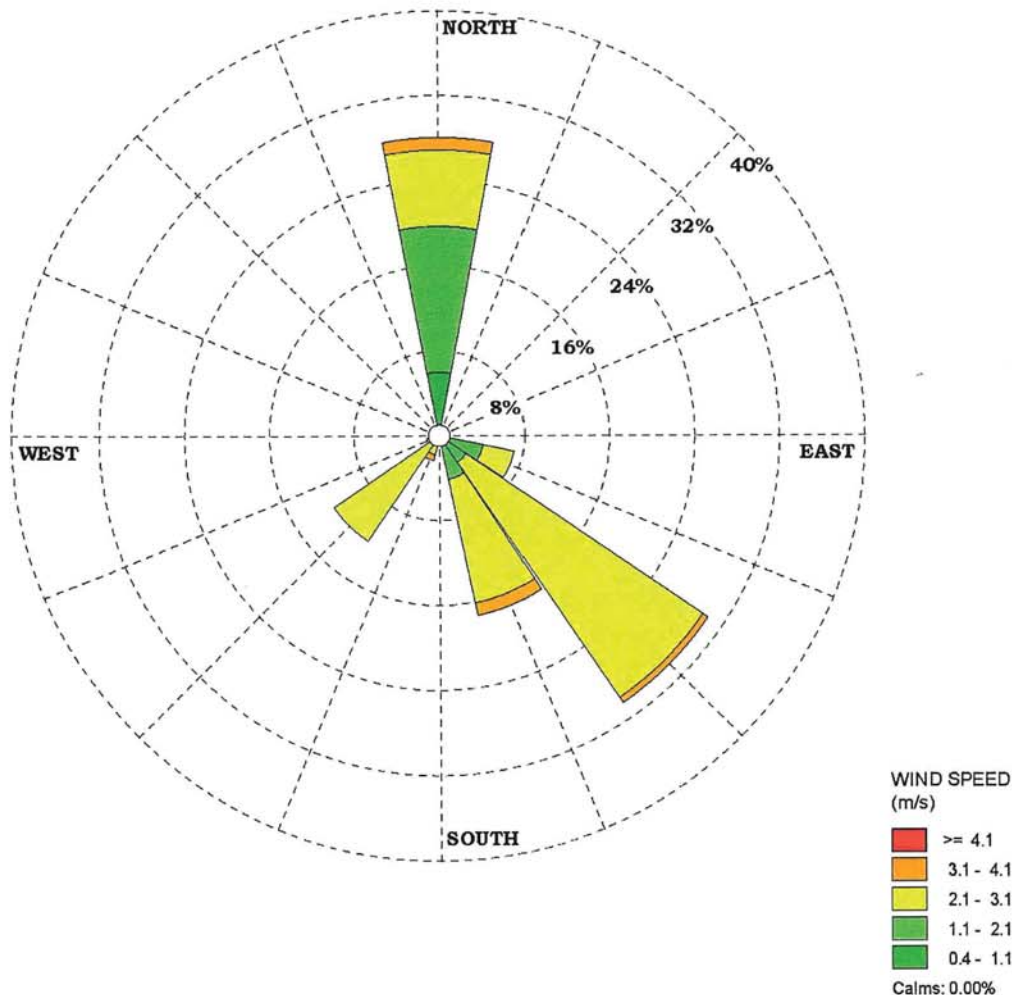
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-001  
**Report No.** : 2024-RAAI633  
**Report Date** : May 14, 2024

Wind Direction	Percentage frequency of wind in each speed and direction					Total
	0.4-1.1	1.1-2.1	2.1-3.1	3.1-4.1	≥4.1	
N	5.95238	13.69050	7.14286	1.19048	0.00000	27.97622
NNE	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
NE	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
ENE	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
E	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
ESE	0.00000	4.16667	2.97619	0.00000	0.00000	7.14286
SE	0.00000	2.97619	26.78570	0.59524	0.00000	30.35713
SSE	0.00000	4.16667	11.90480	1.19048	0.00000	17.26195
S	0.00000	0.59524	0.00000	0.00000	0.00000	0.59524
SSW	0.00000	0.00000	1.78571	0.59524	0.00000	2.38095
SW	0.00000	0.59524	11.30950	0.00000	0.00000	11.90474
WSW	0.00000	0.00000	1.19048	0.00000	0.00000	1.19048
W	0.00000	0.59524	0.00000	0.00000	0.00000	0.59524
WNW	0.00000	0.00000	0.59524	0.00000	0.00000	0.59524
NW	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
NNW	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Calm	0.00000					



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Measured Point** : Khlong Nueng School (Kaew Nimit), Village no. 4, Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**Measured Date** : April 23-30, 2024  
**Report No.** : 2024-RAAI633





## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road , Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3 , Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Point** : Sadet Temple, Village no. 5, Suan Phrik Thai Sub-District, Mueang Pathum Thani District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0668806 E, 1551650 N  
**Measured Date** : April 23-30, 2024  
**Measured By** :   
**Analyzed By** : Environment Research & Technology Co., Ltd.

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-008  
**Report No.** : 2024-RAAI634  
**Report Date** : May 14, 2024

Date/Time	Apr 23-24, 24			Apr 24-25, 24			Apr 25-26, 24			Apr 26-27, 24		
	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD
10:00-11:00	35.7	2.2	S	35.4	0.4	S	36.6	1.8	S	36.1	1.8	SSE
11:00-12:00	36.0	2.7	SW	37.8	0.4	S	38.1	1.3	S	39.0	1.8	S
12:00-13:00	38.7	2.2	SW	39.4	2.2	S	39.5	1.8	SSW	40.1	2.2	SSW
13:00-14:00	39.3	2.7	SW	39.4	2.7	SW	40.1	1.8	SW	40.8	2.2	S
14:00-15:00	40.2	2.7	SW	40.7	2.7	SSW	41.2	1.8	SSW	40.9	2.2	S
15:00-16:00	40.7	2.7	S	41.2	2.7	S	42.2	2.7	SSW	41.2	2.7	S
16:00-17:00	40.2	2.7	SSW	41.3	2.7	SSW	41.7	2.7	SSW	41.3	2.7	SSW
17:00-18:00	39.6	2.7	SSW	40.8	2.2	S	41.1	2.7	SSW	40.8	2.7	S
18:00-19:00	37.7	2.2	S	39.5	1.8	S	39.1	2.7	SW	39.0	2.2	SSE
19:00-20:00	34.7	2.2	S	36.1	1.8	S	35.9	2.2	SSW	35.7	2.2	SSE
20:00-21:00	33.3	2.2	S	33.9	1.8	S	33.9	1.3	S	33.9	2.2	S
21:00-22:00	32.2	2.7	S	32.7	2.2	S	32.9	2.2	S	32.8	2.7	S
22:00-23:00	31.5	2.7	S	31.8	1.8	S	32.0	1.8	SSE	31.9	1.8	SSW
23:00-00:00	30.9	2.2	SW	31.4	2.7	S	31.5	1.8	S	31.6	2.2	SSW
00:00-01:00	30.7	2.2	SSW	31.1	1.8	SSW	31.3	1.8	S	31.1	1.8	SSW
01:00-02:00	30.4	2.2	SW	30.5	2.2	SW	30.9	2.2	S	31.0	1.8	S
02:00-03:00	30.3	1.8	SSW	30.1	1.3	SSW	30.2	1.3	SSW	30.9	1.8	S
03:00-04:00	30.2	1.8	SSW	29.8	0.4	ENE	29.7	1.3	SW	30.8	1.8	SSE
04:00-05:00	30.1	1.8	SSE	29.5	0.4	SSE	29.4	1.3	SSW	30.7	1.8	SSE
05:00-06:00	30.2	1.3	SSE	29.3	<0.4	Calm	29.5	1.3	SSE	30.4	1.3	S
06:00-07:00	30.1	1.3	SSE	29.3	0.4	NE	29.1	0.4	ENE	30.1	0.4	SE
07:00-08:00	30.3	0.9	SSE	29.8	0.4	ENE	29.3	0.9	ENE	30.3	0.9	ENE
08:00-09:00	32.3	0.9	SE	32.0	0.9	ENE	30.9	1.3	E	32.5	0.9	ENE
09:00-10:00	34.1	0.9	SSE	34.7	1.3	S	33.4	0.9	ENE	35.1	1.3	SW

Remark : WS = Wind Speed (m/s)  
WD = Wind Direction  
Temp. = Temperature (°C)  
Height of wind vane and anemometer above ground 10 meters.



Laboratory Reviewer




Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road , Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3 , Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Point** : Sadet Temple, Village no. 5, Suan Phrik Thai Sub-District, Mueang Pathum Thani District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0668806 E, 1551650 N  
**Measured Date** : April 23-30, 2024  
**Measured By** :   
**Analyzed By** : Environment Research & Technology Co., Ltd.

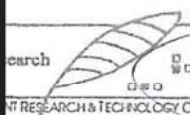
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-008  
**Report No.** : 2024-RAAI634  
**Report Date** : May 14, 2024

Date/Time	Apr 27-28, 24			Apr 28-29, 24			Apr 29-30, 24		
	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD
10:00-11:00	37.0	1.8	SW	36.7	2.2	SSW	37.5	2.2	S
11:00-12:00	38.3	2.7	SW	38.3	2.2	SSW	38.1	1.8	SSW
12:00-13:00	40.4	2.7	SW	39.6	2.7	S	38.9	2.2	SW
13:00-14:00	41.6	2.2	SW	40.0	2.7	S	40.0	2.2	S
14:00-15:00	41.9	1.8	SW	40.8	2.7	S	40.6	2.2	S
15:00-16:00	41.7	2.2	SW	41.3	3.1	S	41.1	3.1	SW
16:00-17:00	41.1	2.7	SW	40.4	3.1	SSW	41.1	3.1	SW
17:00-18:00	40.4	2.2	SSW	39.8	2.7	SSW	40.6	2.2	SSW
18:00-19:00	39.0	2.2	S	38.0	2.2	SSW	39.4	1.8	S
19:00-20:00	35.9	2.7	SSE	35.1	1.8	S	36.0	1.8	SSE
20:00-21:00	33.5	3.1	S	33.3	2.7	S	34.2	2.2	S
21:00-22:00	32.5	3.1	S	32.3	2.7	S	32.9	2.2	S
22:00-23:00	31.9	2.2	S	31.8	2.2	S	32.1	2.2	SSW
23:00-00:00	31.4	2.2	SSW	31.5	2.7	S	31.4	2.2	SSW
00:00-01:00	31.1	2.2	S	31.2	2.2	S	31.0	1.8	SSW
01:00-02:00	30.9	1.8	SSE	31.0	2.2	SSE	30.8	1.8	S
02:00-03:00	30.7	0.9	SSE	31.0	2.2	SSE	30.8	1.8	SSE
03:00-04:00	30.6	1.8	SSE	30.8	1.8	SSE	30.6	0.9	S
04:00-05:00	30.7	0.9	SSE	30.6	1.3	SSE	30.5	1.3	SSE
05:00-06:00	30.4	0.4	NE	30.5	1.3	S	30.4	1.3	SSE
06:00-07:00	30.4	0.4	ENE	30.4	1.3	S	30.2	0.4	SSE
07:00-08:00	30.6	0.4	NE	30.7	1.3	S	30.3	0.9	S
08:00-09:00	32.3	0.9	SSE	32.9	1.8	S	32.6	1.8	SSW
09:00-10:00	35.2	1.8	S	36.1	1.8	S	35.2	2.2	SSW

**Remark :** WS = Wind Speed (m/s)  
WD = Wind Direction  
Temp. = Temperature (°C)  
Height of wind vane and anemometer above ground 10 meters.



Laboratory Reviewer




Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road , Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3 , Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Point** : Sadet Temple, Village no. 5, Suan Phrik Thai Sub-District, Mueang Pathum Thani District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0668806 E, 1551650 N  
**Measured Date** : April 23-30, 2024  
**Measured By** : XXXXXXXXXX  
**Analyzed By** : Environment Research & Technology Co., Ltd.

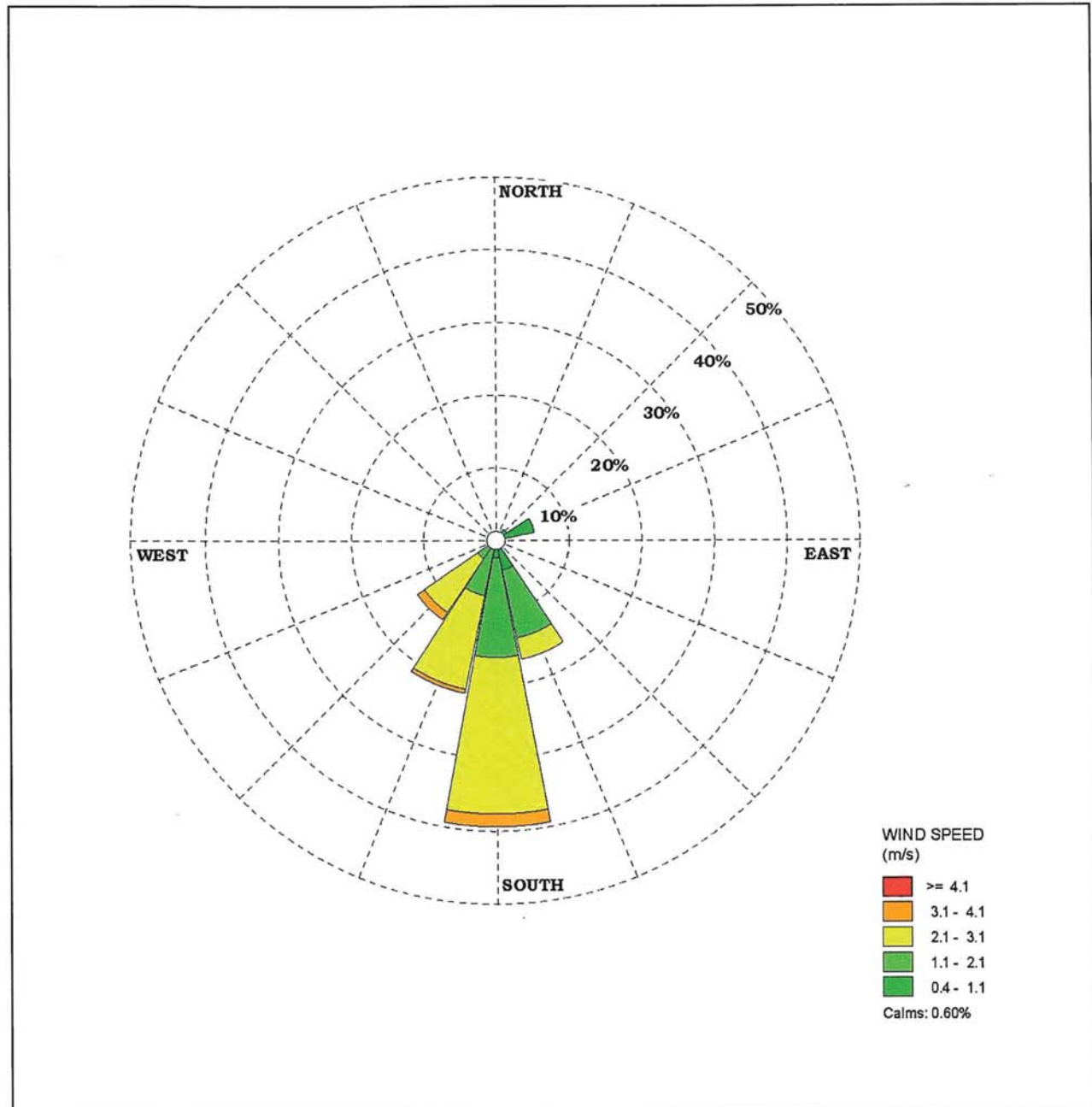
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-008  
**Report No.** : 2024-RAAI634  
**Report Date** : May 14, 2024

Wind Direction	Percentage frequency of wind in each speed and direction					Total
	0.4-1.1	1.1-2.1	2.1-3.1	3.1-4.1	≥4.1	
N	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
NNE	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
NE	1.78571	0.00000	0.00000	0.00000	0.00000	1.78571
ENE	5.35714	0.00000	0.00000	0.00000	0.00000	5.35714
E	0.00000	0.59524	0.00000	0.00000	0.00000	0.59524
ESE	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
SE	1.19048	0.00000	0.00000	0.00000	0.00000	1.19048
SSE	4.16667	9.52381	2.97619	0.00000	0.00000	16.66667
S	2.38095	13.69050	21.42860	1.78571	0.00000	39.28576
SSW	0.00000	7.73810	13.09520	0.59524	0.00000	21.42854
SW	0.00000	2.97619	8.92857	1.19048	0.00000	13.09524
WSW	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
W	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
WNW	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
NW	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
NNW	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Calm	0.59524					



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Measured Point** : Sadet Temple, Village no. 5, Suan Phrik Thai Sub-District, Mueang Pathum Thani District, Pathum Thani Province  
**Measured Date** : April 23-30, 2024  
**Report No.** : 2024-RAAI634





## ANALYSIS REPORT


**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road , Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3 , Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Point** : Saeng San Temple, Village no. 6, Prachathipat Sub-District, Thanyaburi District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0677576 E, 1548955 N  
**Measured Date** : April 23-30, 2024  
**Measured By** :   
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-015  
**Report No.** : 2024-RAAI635  
**Report Date** : May 14, 2024

Date/Time	Apr 23-24, 24			Apr 24-25, 24			Apr 25-26, 24			Apr 26-27, 24		
	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD
09:00-10:00	36.8	0.9	S	35.8	0.9	S	37.7	1.3	ESE	37.1	1.8	ESE
10:00-11:00	37.5	1.3	SSE	40.4	1.3	S	39.8	1.3	SE	41.0	1.3	ESE
11:00-12:00	38.1	1.3	S	40.8	1.3	SSE	40.2	1.3	SW	41.7	1.3	SE
12:00-13:00	41.5	1.3	S	41.2	1.3	S	41.2	1.3	S	41.7	1.3	S
13:00-14:00	40.8	1.3	S	41.1	1.3	S	41.2	1.3	S	42.9	1.3	SE
14:00-15:00	40.8	1.3	S	41.8	1.3	S	41.3	1.3	S	42.1	1.3	S
15:00-16:00	41.3	1.3	S	41.3	1.3	S	41.2	0.9	SSE	41.4	1.3	S
16:00-17:00	38.3	1.3	S	38.6	0.9	S	38.7	0.9	S	39.1	1.3	S
17:00-18:00	35.9	0.9	S	36.9	0.9	S	37.3	0.9	S	36.7	1.3	SSE
18:00-19:00	34.3	0.9	S	34.9	0.9	S	35.1	0.9	S	34.8	0.9	SSE
19:00-20:00	33.2	0.9	S	33.4	0.9	S	33.6	0.9	SSE	33.7	0.9	S
20:00-21:00	32.3	0.9	S	32.4	0.9	S	32.5	0.9	S	32.6	0.9	S
21:00-22:00	31.8	0.9	S	31.9	0.9	S	32.0	0.4	S	32.2	0.9	S
22:00-23:00	31.3	0.4	SSW	31.5	0.9	S	31.5	0.4	SE	31.7	0.4	S
23:00-00:00	31.1	0.9	S	31.2	0.9	S	31.2	0.9	SSE	31.5	0.4	S
00:00-01:00	30.8	0.9	S	30.9	0.9	S	31.0	0.4	S	31.3	0.9	S
01:00-02:00	30.6	0.4	SE	30.4	0.4	S	30.5	0.4	S	31.1	0.4	SSE
02:00-03:00	30.3	0.9	SE	29.9	0.4	SE	30.0	0.4	S	30.8	0.4	SE
03:00-04:00	30.2	1.3	SE	29.6	0.9	SE	29.9	0.4	S	30.6	0.9	SE
04:00-05:00	30.2	1.3	SE	29.5	1.3	SE	29.8	0.4	SE	30.5	0.4	SE
05:00-06:00	30.0	0.9	SE	28.7	1.3	E	29.0	0.9	E	29.9	0.9	SE
06:00-07:00	30.6	0.9	SE	29.4	1.3	E	29.5	1.8	ENE	29.9	1.3	ENE
07:00-08:00	32.9	1.3	SE	32.0	1.8	E	32.5	3.1	ENE	31.8	2.2	E
08:00-09:00	34.9	0.9	SE	34.7	1.8	ESE	35.5	2.2	E	34.6	1.8	E

**Remark :** WS = Wind Speed (m/s)  
WD = Wind Direction  
Temp. = Temperature (°C)  
Height of wind vane and anemometer above ground 10 meters.



Laboratory Reviewer




Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road , Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3 , Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Point** : Saeng San Temple, Village no. 6, Prachathipat Sub-District, Thanyaburi District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0677576 E, 1548955 N  
**Measured Date** : April 23-30, 2024  
**Measured By** :   
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-015  
**Report No.** : 2024-RAAI635  
**Report Date** : May 14, 2024

Date/Time	Apr 27-28, 24			Apr 28-29, 24			Apr 29-30, 24		
	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD
09:00-10:00	37.3	1.3	SW	37.0	1.3	SE	37.9	0.9	S
10:00-11:00	39.7	1.8	SW	38.3	0.9	S	40.2	1.3	S
11:00-12:00	42.1	2.2	SW	40.9	1.3	SSE	41.5	1.3	S
12:00-13:00	43.6	1.3	SW	40.2	1.3	S	42.2	1.3	S
13:00-14:00	42.9	1.3	S	41.4	1.8	S	41.3	1.3	S
14:00-15:00	42.3	1.3	S	40.2	1.3	S	43.6	1.3	S
15:00-16:00	41.1	0.9	S	39.2	1.3	S	43.3	1.3	SE
16:00-17:00	39.2	0.9	S	37.6	1.3	S	39.0	0.9	S
17:00-18:00	37.2	0.9	S	35.8	1.3	S	37.0	0.9	S
18:00-19:00	34.7	1.3	SSE	34.3	0.9	S	35.2	0.9	SE
19:00-20:00	33.3	1.3	S	33.0	0.9	S	33.7	0.9	S
20:00-21:00	32.6	0.9	S	32.3	0.9	S	32.7	1.3	S
21:00-22:00	32.0	1.3	S	32.0	1.3	S	32.0	1.3	S
22:00-23:00	31.7	0.9	S	31.6	1.3	S	31.6	0.9	S
23:00-00:00	31.4	0.9	S	31.4	0.9	S	31.3	0.9	S
00:00-01:00	30.9	0.4	SSE	31.2	0.9	SE	31.2	0.9	S
01:00-02:00	30.6	0.9	SE	30.9	0.9	SSE	30.8	0.9	SE
02:00-03:00	30.4	0.9	SE	30.8	0.9	SE	30.8	0.9	SSE
03:00-04:00	30.4	1.3	SE	30.7	0.4	SE	30.7	0.4	SE
04:00-05:00	30.4	1.3	SE	30.6	0.4	SE	30.6	0.4	SE
05:00-06:00	29.7	1.8	E	30.3	0.4	SE	30.1	0.4	SE
06:00-07:00	29.9	2.2	E	31.0	0.4	SE	30.8	0.4	SE
07:00-08:00	32.3	2.2	E	32.9	0.9	SE	33.4	0.4	S
08:00-09:00	35.5	1.8	ESE	35.0	0.9	S	35.4	0.9	S

Remark : WS = Wind Speed (m/s)  
WD = Wind Direction  
Temp. = Temperature (°C)  
Height of wind vane and anemometer above ground 10 meters.



Laboratory Reviewer




Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road , Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3 , Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Point** : Saeng San Temple, Village no. 6, Prachathipat Sub-District, Thanyaburi District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0677576 E, 1548955 N  
**Measured Date** : April 23-30, 2024  
**Measured By** : XXXXXXXXXX  
**Analyzed By** : Environment Research & Technology Co., Ltd.

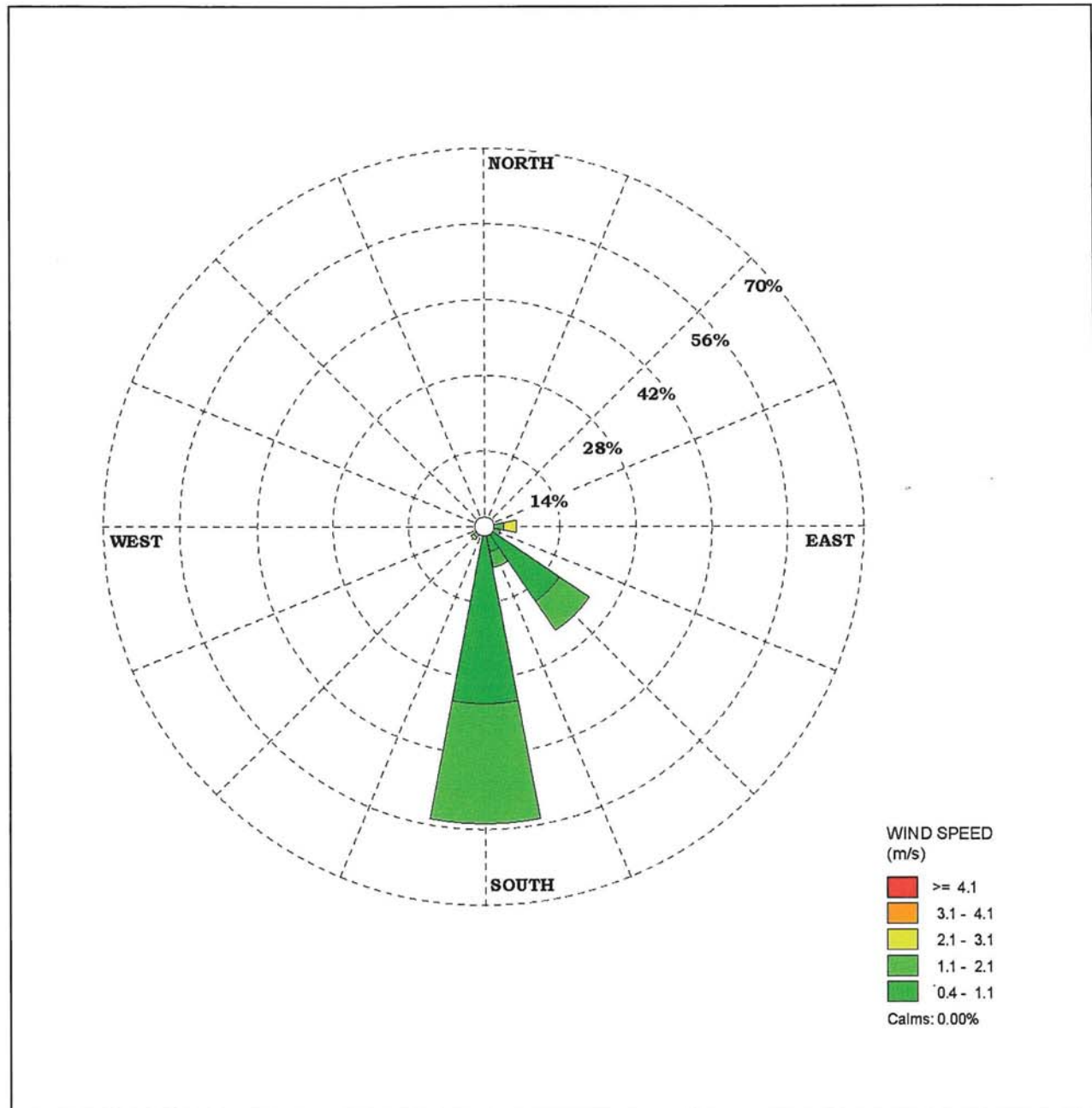
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-015  
**Report No.** : 2024-RAAI635  
**Report Date** : May 14, 2024

Wind Direction	Percentage frequency of wind in each speed and direction					
	0.4-1.1	1.1-2.1	2.1-3.1	3.1-4.1	≥4.1	Total
N	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
NNE	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
NE	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
ENE	0.00000	1.19048	0.00000	0.59524	0.00000	1.78572
E	0.59524	2.97619	2.38095	0.00000	0.00000	5.95238
ESE	0.00000	2.97619	0.00000	0.00000	0.00000	2.97619
SE	16.66670	6.54762	0.00000	0.00000	0.00000	23.21432
SSE	4.76190	2.97619	0.00000	0.00000	0.00000	7.73809
S	32.73810	22.02380	0.00000	0.00000	0.00000	54.76190
SSW	0.59524	0.00000	0.00000	0.00000	0.00000	0.59524
SW	0.00000	2.38095	0.59524	0.00000	0.00000	2.97619
WSW	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
W	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
WNW	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
NW	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
NNW	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Calm	0.00000					



## ANALYSIS REPORT

Customer Name : Klong Luang Utilities Company Limited  
Project Name : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
Measured Point : Saeng San Temple, Village no. 6, Prachathipat Sub-District, Thanyaburi District, Pathum Thani Province  
Measured Date : April 23-30, 2024  
Report No. : 2024-RAAI635





## ANALYSIS REPORT


**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road , Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3 , Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Point** : Learning and Recreation Center of Rangsit City Municipality  
 (located in Rattanakosin Song Roi Pi Housing Estate)  
**GPS. Coordinate** : UTM (WGS84) 47P 0673847 E, 1547483 N  
**Measured Date** : April 23-30, 2024  
**Measured By** :   
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-022  
**Report No.** : 2024-RAAI636  
**Report Date** : May 14, 2024

Date/Time	Apr 23-24, 24			Apr 24-25, 24			Apr 25-26, 24			Apr 26-27, 24		
	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD
10:00-11:00	37.3	2.2	SE	38.8	2.7	SSE	38.9	2.2	SSE	38.8	2.2	ESE
11:00-12:00	39.6	2.7	SSE	39.7	2.7	SSE	41.0	2.2	SSE	41.2	2.7	SSE
12:00-13:00	41.6	2.7	SSE	41.9	2.7	SSE	42.6	2.2	SSE	43.0	2.2	SSE
13:00-14:00	42.6	2.7	SE	42.9	2.7	SSE	44.1	2.2	SSE	43.6	2.7	SSE
14:00-15:00	42.4	2.7	SSE	43.0	2.7	SSE	44.7	2.2	SSE	44.5	3.1	SSE
15:00-16:00	43.3	3.1	SE	43.0	3.1	SSE	44.6	2.7	SE	43.6	2.7	SSE
16:00-17:00	41.4	3.1	SSE	42.5	3.1	SSE	43.4	2.7	SSE	42.8	2.7	SSE
17:00-18:00	38.5	3.1	SSE	39.9	2.7	SSE	40.2	2.7	SSE	39.7	3.1	SSE
18:00-19:00	36.1	2.7	SSE	37.1	2.7	SSE	37.5	2.7	SSE	36.9	2.7	SE
19:00-20:00	34.4	2.2	SSE	35.0	2.7	SSE	35.1	2.7	SSE	35.1	2.2	SSE
20:00-21:00	33.3	2.2	SSE	33.6	2.7	SSE	33.6	2.2	SE	33.6	2.7	SSE
21:00-22:00	32.5	2.7	SSE	32.4	2.7	SSE	32.7	2.2	SSE	32.7	2.7	SSE
22:00-23:00	31.8	2.7	SSE	31.9	2.7	SSE	32.1	1.8	SSE	32.3	2.7	SSE
23:00-00:00	31.3	2.2	SSE	31.5	2.7	SSE	31.8	1.8	SSE	32.1	2.2	SSE
00:00-01:00	31.0	1.8	SSE	31.2	2.7	SSE	31.4	2.2	SSE	31.6	1.8	SSE
01:00-02:00	30.8	1.8	SSE	30.9	1.8	SSE	30.9	1.8	SSE	31.4	2.2	SSE
02:00-03:00	30.7	2.2	SE	30.4	1.3	SSE	30.6	1.8	SSE	31.2	2.2	SSE
03:00-04:00	30.6	1.8	ESE	30.2	1.8	SE	30.4	1.3	SSE	31.1	1.8	SSE
04:00-05:00	30.8	1.8	ESE	30.1	1.3	ESE	30.1	0.9	SSE	30.9	1.8	SE
05:00-06:00	30.8	1.8	SE	29.9	1.8	ESE	29.9	1.3	SSE	30.7	1.3	SSE
06:00-07:00	30.4	1.8	SE	29.8	1.8	ESE	29.6	0.9	SE	30.7	1.3	ESE
07:00-08:00	31.0	1.8	SE	30.3	1.3	ESE	29.5	1.3	ESE	31.1	1.3	SE
08:00-09:00	33.8	2.2	SSE	32.9	1.8	ESE	32.2	1.8	E	33.8	1.8	ESE
09:00-10:00	36.0	2.7	SSE	36.3	2.2	SE	35.5	2.2	ESE	36.9	1.8	SE

Remark : WS = Wind Speed (m/s)  
 WD = Wind Direction  
 Temp. = Temperature (°C)  
 Height of wind vane and anemometer above ground 10 meters.



Laboratory Reviewer




Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road , Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3 , Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Point** : Learning and Recreation Center of Rangsit City Municipality  
 (located in Rattanakosin Song Roi Pi Housing Estate)  
**GPS. Coordinate** : UTM (WGS84) 47P 0673847 E, 1547483 N  
**Measured Date** : April 23-30, 2024  
**Measured By** :   
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-022  
**Report No.** : 2024-RAAI636  
**Report Date** : May 14, 2024

Date/Time	Apr 27-28, 24			Apr 28-29, 24			Apr 29-30, 24		
	Temp.	WS	WD	Temp.	WS	WD	Temp.	WS	WD
10:00-11:00	39.2	1.8	SSE	39.1	2.2	SSE	38.3	2.2	SSE
11:00-12:00	41.2	2.2	S	40.5	2.7	SSE	40.1	2.7	SSE
12:00-13:00	43.8	1.8	S	40.7	2.7	SSE	41.9	2.2	SSE
13:00-14:00	44.3	1.8	SSE	42.7	3.1	SSE	43.8	2.7	SSE
14:00-15:00	43.4	2.2	SSE	42.8	3.1	SSE	44.1	2.7	SSE
15:00-16:00	44.1	2.7	SSE	42.5	3.1	SSE	44.7	2.7	SSE
16:00-17:00	42.6	2.7	S	42.2	3.6	SSE	43.3	2.7	SSE
17:00-18:00	39.8	2.7	SSE	38.3	3.1	SSE	40.1	2.7	SSE
18:00-19:00	37.4	2.7	SSE	36.2	2.7	SSE	37.2	2.7	SSE
19:00-20:00	35.0	2.7	SE	34.4	2.7	SSE	35.4	2.2	SSE
20:00-21:00	33.2	3.1	SSE	33.0	3.1	SSE	33.9	2.7	SSE
21:00-22:00	32.5	3.1	SSE	32.4	3.1	SSE	32.8	2.7	SSE
22:00-23:00	32.1	2.7	SSE	32.0	3.1	SSE	32.2	3.1	SSE
23:00-00:00	31.8	2.7	SSE	31.6	3.1	SSE	31.7	2.2	SSE
00:00-01:00	31.4	2.2	SSE	31.4	3.1	SSE	31.5	2.2	SSE
01:00-02:00	31.1	2.2	SSE	31.3	2.7	SSE	31.3	2.2	SSE
02:00-03:00	31.0	1.8	SE	31.1	1.8	SSE	31.2	2.7	SSE
03:00-04:00	31.0	1.8	SSE	31.0	2.2	SE	30.9	1.3	SSE
04:00-05:00	30.9	2.2	SE	30.8	1.3	SSE	30.9	1.3	SSE
05:00-06:00	30.8	2.2	ESE	30.9	0.9	SE	30.9	1.8	SSE
06:00-07:00	30.8	1.8	ESE	30.8	1.8	SSE	30.7	1.8	SSE
07:00-08:00	31.4	1.8	ESE	31.4	1.8	SSE	31.6	1.3	SSE
08:00-09:00	33.0	1.8	E	34.2	2.2	SSE	33.7	1.8	SSE
09:00-10:00	35.6	2.2	SSE	37.4	2.2	SSE	37.1	2.2	SSE

Remark : WS = Wind Speed (m/s)  
 WD = Wind Direction  
 Temp. = Temperature (°C)  
 Height of wind vane and anemometer above ground 10 meters.



Laboratory Reviewer

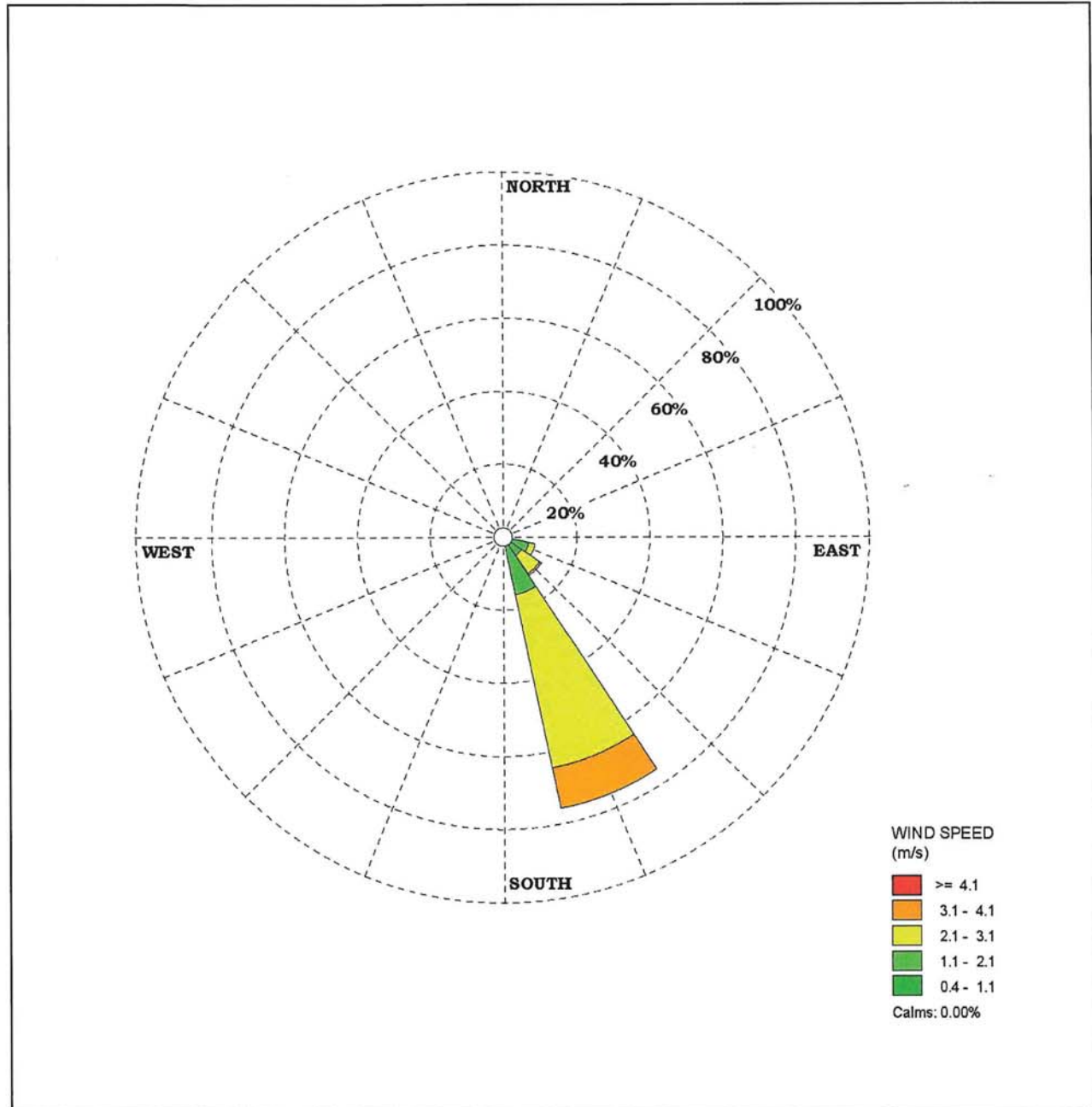



Laboratory Supervisor



## ANALYSIS REPORT

Customer Name : Klong Luang Utilities Company Limited  
Project Name : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
Measured Point : Learning and Recreation Center of Rangsit City Municipality  
(located in Rattanakosin Song Roi Pi Housing Estate)  
Measured Date : April 23-30, 2024  
Report No. : 2024-RAAI636





## ภาคผนวก 70

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ผลการตรวจวัดระดับเสียง



ANALYSIS REPORT

**Customer Name** :Klong Luang Utilities Company Limited  
**Address** :222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** :Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** :1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** :Ambient Noise  
**Measured Date** :April 23, 2024  
**Measured By** :  
**Analyzed By** :Environment Research & Technology Co., Ltd.  
**Measured Instrument** :Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

**Quotation No.** :AR2024-00674  
**Analysis No.** :2024-AB865-030  
**Report No.** :2024-RAA1643  
**Report Date** :May 14, 2024

Measured Location	Interval Time	Noise Level; dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Common Area of Pak Thang White House Community, Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province	08:00-09:00	61.9	84.2
	09:00-10:00	61.2	83.8
	10:00-11:00	61.6	86.6
	11:00-12:00	60.9	84.8
	13:00-14:00	61.2	83.4
	14:00-15:00	60.7	88.6
	15:00-16:00	61.0	81.8
	16:00-17:00	62.7	89.6
8 Hours Measurement		61.4	89.6

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ENVIRONMENT RESEARCH & TECHNOLOGY CO., LTD.

Laboratory Reviewer

Laboratory Supervisor

ANALYSIS REPORT

**Customer Name** :Klong Luang Utilities Company Limited  
**Address** :222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** :Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** :1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** :Ambient Noise  
**Measured Date** :April 24, 2024  
**Measured By** :  
**Analyzed By** :Environment Research & Technology Co., Ltd.  
**Measured Instrument** :Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

**Quotation No.** :AR2024-00674  
**Analysis No.** :2024-AB865-030  
**Report No.** :2024-RAA1643  
**Report Date** :May 14, 2024

Measured Location	Interval Time	Noise Level; dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Common Area of Pak Thang White House Community, Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province	08:00-09:00	63.2	83.9
	09:00-10:00	60.3	81.2
	10:00-11:00	61.7	88.6
	11:00-12:00	67.1	100.2
	13:00-14:00	60.4	84.7
	14:00-15:00	59.5	83.5
	15:00-16:00	61.0	86.0
	16:00-17:00	61.0	80.0
8 Hours Measurement		62.5	100.2

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Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Date** : April 26, 2024  
**Measured By** : XXXXXXXXXX  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-030  
**Report No.** : 2024-RAA1643  
**Report Date** : May 14, 2024

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leg)	Maximum Level (Lmax)
Common Area of Pak Thang White House Community, Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province	08:00-09:00	61.6	81.4
	09:00-10:00	60.6	81.7
	10:00-11:00	58.8	83.2
	11:00-12:00	59.3	76.4
	13:00-14:00	58.6	81.3
	14:00-15:00	60.3	87.6
8 Hours Measurement		61.3	86.5
		60.5	87.6

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Laboratory Reviewer

Laboratory Supervisor

## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Date** : April 25, 2024  
**Measured By** : XXXXXXXXXX  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-030  
**Report No.** : 2024-RAA1643  
**Report Date** : May 14, 2024

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leg)	Maximum Level (Lmax)
Common Area of Pak Thang White House Community, Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province	08:00-09:00	63.2	84.5
	09:00-10:00	62.8	91.6
	10:00-11:00	63.4	91.3
	11:00-12:00	62.1	89.0
	13:00-14:00	59.7	79.7
	14:00-15:00	60.5	90.7
8 Hours Measurement		61.5	82.8
		62.3	88.1
		62.1	91.6

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Laboratory Reviewer

Laboratory Supervisor



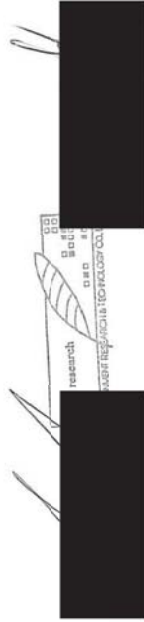


## ANALYSIS REPORT

**Customer Name** :Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Date** : April 27, 2024  
**Measured By** :  
**Analyzed By** :  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-030  
**Report No.** : 2024-RAA1643  
**Report Date** : May 14, 2024

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leg)	Maximum Level (Lmax)
Common Area of Pak Thang White House Community, Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province	08:00-09:00	63.8	80.8
	09:00-10:00	63.1	86.7
	10:00-11:00	62.1	89.3
	11:00-12:00	61.1	81.6
	13:00-14:00	58.2	80.4
	14:00-15:00	58.9	85.7
	15:00-16:00	61.4	83.6
8 Hours Measurement		62.6	86.3
		61.8	89.3



Laboratory Reviewer

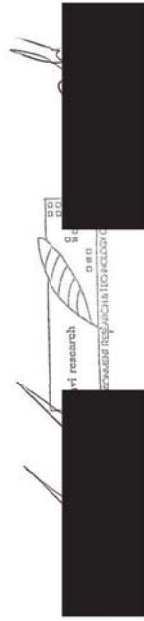
Laboratory Supervisor

## ANALYSIS REPORT

**Customer Name** :Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Date** : April 28, 2024  
**Measured By** :  
**Analyzed By** :  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-030  
**Report No.** : 2024-RAA1643  
**Report Date** : May 14, 2024

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leg)	Maximum Level (Lmax)
Common Area of Pak Thang White House Community, Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province	08:00-09:00	76.6	93.6
	09:00-10:00	74.7	97.9
	10:00-11:00	75.8	94.5
	11:00-12:00	75.4	94.1
	13:00-14:00	67.4	88.1
	14:00-15:00	66.4	88.6
	15:00-16:00	68.5	85.7
8 Hours Measurement		65.8	87.6
		73.2	97.9



Laboratory Reviewer

Laboratory Supervisor



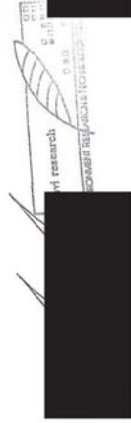


## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Date** : April 23, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-031  
**Report No.** : 2024-RAA1644  
**Report Date** : May 14, 2024

Measured Location	Interval Time	Noise Level; dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province	08:00-09:00	60.9	82.6
	09:00-10:00	60.5	76.5
	10:00-11:00	60.3	66.7
	11:00-12:00	60.3	73.7
	13:00-14:00	60.2	72.9
	14:00-15:00	60.9	78.5
	15:00-16:00	61.1	83.4
	16:00-17:00	60.5	69.6
8 Hours Measurement		60.6	83.4



Laboratory Reviewer

Laboratory Supervisor

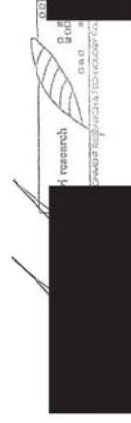


## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Date** : April 29, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-030  
**Report No.** : 2024-RAA1643  
**Report Date** : May 14, 2024

Measured Location	Interval Time	Noise Level; dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Common Area of Pak Thang White House Community, Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province	08:00-09:00	61.2	80.7
	09:00-10:00	57.8	79.2
	10:00-11:00	60.0	80.7
	11:00-12:00	59.5	78.3
	13:00-14:00	60.7	86.4
	14:00-15:00	61.0	87.7
	15:00-16:00	59.9	80.2
	16:00-17:00	63.5	98.6
8 Hours Measurement		60.7	98.6



Laboratory Reviewer

Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Date** : April 24, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-031  
**Report No.** : 2024-RAA1644  
**Report Date** : May 14, 2024

Measured Location	Interval Time	Noise Level; dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province	08:00-09:00	60.7	83.2
	09:00-10:00	60.3	86.9
	10:00-11:00	60.9	75.3
	11:00-12:00	60.6	77.6
	13:00-14:00	60.2	82.8
	14:00-15:00	59.9	80.0
	15:00-16:00	59.9	72.9
8 Hours Measurement		60.4	86.9

[REDACTED] Laboratory Reviewer

[REDACTED] Laboratory Supervisor

## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Date** : April 25, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-031  
**Report No.** : 2024-RAA1644  
**Report Date** : May 14, 2024

Measured Location	Interval Time	Noise Level; dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province	08:00-09:00	59.7	75.9
	09:00-10:00	60.0	73.6
	10:00-11:00	59.9	77.7
	11:00-12:00	59.4	80.4
	13:00-14:00	59.6	80.7
	14:00-15:00	60.8	78.9
	15:00-16:00	59.7	81.2
8 Hours Measurement		60.7	78.4
		60.0	81.2

[REDACTED] Laboratory Reviewer

[REDACTED] Laboratory Supervisor



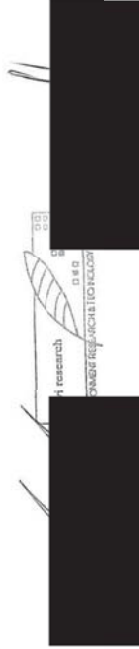


## ANALYSIS REPORT

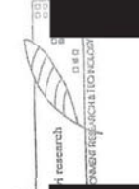
**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Date** : April 26, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-031  
**Report No.** : 2024-RAAI644  
**Report Date** : May 14, 2024

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province	08:00-09:00	60.1	79.7
	09:00-10:00	59.9	78.8
	10:00-11:00	60.0	77.9
	11:00-12:00	59.6	72.4
	13:00-14:00	60.3	77.3
	14:00-15:00	60.2	71.0
	15:00-16:00	60.0	72.7
	16:00-17:00	60.4	78.6
8 Hours Measurement		60.1	79.7



Laboratory Reviewer



Laboratory Supervisor



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Date** : April 27, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-031  
**Report No.** : 2024-RAAI644  
**Report Date** : May 14, 2024

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province	08:00-09:00	59.0	72.7
	09:00-10:00	58.8	72.8
	10:00-11:00	59.0	75.0
	11:00-12:00	58.7	73.2
	13:00-14:00	59.1	73.4
	14:00-15:00	59.8	77.8
	15:00-16:00	59.1	70.7
	16:00-17:00	59.0	69.4
8 Hours Measurement		59.1	77.8



Laboratory Reviewer



Laboratory Supervisor





## ANALYSIS REPORT

**Customer Name** :Klong Luang Utilities Company Limited  
**Address** :222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** :Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** :1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** :Ambient Noise  
**Measured Date** :April 28, 2024  
**Measured By** :  
**Analyzed By** :  
**Measured Instrument** :Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

**Quotation No.** :AR2024-00674  
**Analysis No.** :2024-AB865-031  
**Report No.** :2024-RAA1644  
**Report Date** :May 14, 2024

Measured Location	Interval Time	Noise Level; dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province	08:00-09:00	59.0	75.4
	09:00-10:00	59.0	76.2
	10:00-11:00	58.7	80.5
	11:00-12:00	59.0	70.5
	13:00-14:00	59.4	67.7
	14:00-15:00	59.5	69.6
	15:00-16:00	59.7	73.6
	16:00-17:00	59.4	73.4
8 Hours Measurement		59.2	80.5



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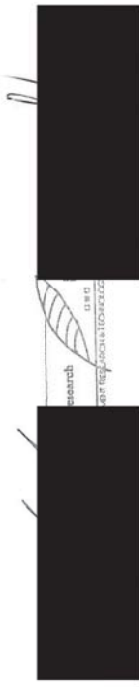


## ANALYSIS REPORT

**Customer Name** :Klong Luang Utilities Company Limited  
**Address** :222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** :Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** :1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** :Ambient Noise  
**Measured Date** :April 29, 2024  
**Measured By** :  
**Analyzed By** :  
**Measured Instrument** :Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

**Quotation No.** :AR2024-00674  
**Analysis No.** :2024-AB865-031  
**Report No.** :2024-RAA1644  
**Report Date** :May 14, 2024

Measured Location	Interval Time	Noise Level; dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province	08:00-09:00	59.7	75.7
	09:00-10:00	61.2	79.1
	10:00-11:00	61.7	78.6
	11:00-12:00	60.1	73.0
	13:00-14:00	61.1	82.4
	14:00-15:00	59.9	81.8
	15:00-16:00	59.8	86.5
	16:00-17:00	59.7	86.3
8 Hours Measurement		60.5	86.5



Laboratory Reviewer

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## ANALYSIS REPORT

**Customer Name** :Klong Luang Utilities Company Limited  
**Address** :222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** :Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** :1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** :Ambient Noise  
**Measured Date** :April 27, 2024  
**Measured By** :  
**Analyzed By** :Environment Research & Technology Co., Ltd.  
**Measured Instrument** :Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-029  
**Report No.** : 2024-RAA1642  
**Report Date** : May 14, 2024

Measured Location	Interval Time	Noise Level; dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Staff Dormitory of Teljin Polyester (Thailand) Co.,Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province	08:00-09:00	53.9	72.6
	09:00-10:00	53.9	64.0
	10:00-11:00	54.4	69.5
	11:00-12:00	54.0	65.8
	13:00-14:00	54.8	77.9
	14:00-15:00	55.2	71.5
	15:00-16:00	54.6	69.3
	16:00-17:00	54.5	68.9
8 Hours Measurement		54.4	77.9

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## ANALYSIS REPORT

**Customer Name** :Klong Luang Utilities Company Limited  
**Address** :222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** :Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** :1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** :Ambient Noise  
**Measured Date** :April 28, 2024  
**Measured By** :  
**Analyzed By** :Environment Research & Technology Co., Ltd.  
**Measured Instrument** :Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-029  
**Report No.** : 2024-RAA1642  
**Report Date** : May 14, 2024

Measured Location	Interval Time	Noise Level; dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Staff Dormitory of Teljin Polyester (Thailand) Co.,Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province	08:00-09:00	54.4	69.4
	09:00-10:00	55.0	72.0
	10:00-11:00	54.9	66.2
	11:00-12:00	55.2	68.7
	13:00-14:00	55.0	69.8
	14:00-15:00	55.5	75.5
	15:00-16:00	55.6	69.8
	16:00-17:00	55.2	67.9
8 Hours Measurement		55.1	75.5

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ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Date** : April 29, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-029  
**Report No.** : 2024-RAA1642  
**Report Date** : May 14, 2024

Measured Location	Interval Time	Noise Level: dB(A)	
		Equivalent Level (Leq)	Maximum Level (Lmax)
Staff Dormitory of Teljin Polyester (Thailand) Co., Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province	08:00-09:00	54.9	83.2
	09:00-10:00	54.9	72.4
	10:00-11:00	54.5	67.4
	11:00-12:00	54.9	69.4
	13:00-14:00	55.1	70.5
	14:00-15:00	55.3	74.1
	15:00-16:00	54.9	66.6
	16:00-17:00	54.8	66.7
8 Hours Measurement		54.9	83.2



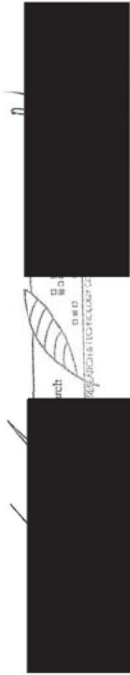
ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Common Area of Pak Thang White House Community, Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0673743 E, 1550447 N  
**Measured Date** : April 23-24, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-030  
**Report No.** : 2024-RAA1596  
**Report Date** : May 14, 2024

Interval Time	Noise Level: dB(A)									
	Leq	Lmax	L5	L10	L50	L90	L1	L2	L5	L10
08:00-09:00	61.9	84.2	67.7	65.5	58.9	52.9	61.9	61.9	61.9	61.9
09:00-10:00	61.2	83.8	66.3	64.3	57.7	52.3	61.2	61.2	61.2	61.2
10:00-11:00	61.6	86.6	66.6	64.3	56.9	51.5	61.6	61.6	61.6	61.6
11:00-12:00	60.9	84.8	66.0	63.9	56.4	49.8	60.9	60.9	60.9	60.9
12:00-13:00	61.5	84.0	66.6	64.2	56.9	50.9	61.5	61.5	61.5	61.5
13:00-14:00	61.2	83.4	66.4	64.1	56.6	50.5	61.2	61.2	61.2	61.2
14:00-15:00	60.7	88.6	66.3	63.7	55.8	50.7	60.7	60.7	60.7	60.7
15:00-16:00	61.0	81.8	66.7	63.9	57.3	51.5	61.0	61.0	61.0	61.0
16:00-17:00	62.7	89.6	68.7	65.6	58.9	52.5	62.7	62.7	62.7	62.7
17:00-18:00	65.6	85.3	71.1	68.7	62.2	56.9	65.6	65.6	65.6	65.6
18:00-19:00	66.8	95.6	72.6	69.8	63.0	57.8	66.8	66.8	66.8	66.8
19:00-20:00	64.2	93.8	69.4	66.8	60.6	54.8	64.2	64.2	64.2	64.2
20:00-21:00	62.8	90.1	68.2	65.6	58.5	52.2	62.8	62.8	62.8	62.8
21:00-22:00	60.6	84.3	66.1	63.7	55.6	50.0	60.6	60.6	60.6	60.6
22:00-23:00	61.3	91.8	67.5	64.7	56.4	50.2	61.3	61.3	61.3	61.3
23:00-00:00	59.4	87.3	66.2	62.7	52.9	49.3	59.4	59.4	59.4	59.4
00:00-01:00	58.2	81.1	63.7	60.9	50.8	48.6	58.2	58.2	58.2	58.2
01:00-02:00	55.2	82.0	60.3	57.2	48.8	47.5	55.2	55.2	55.2	55.2
02:00-03:00	54.8	89.4	60.4	56.9	49.2	47.7	54.8	54.8	54.8	54.8
03:00-04:00	55.0	86.9	61.3	57.1	49.6	48.2	55.0	55.0	55.0	55.0
04:00-05:00	57.3	86.6	63.3	60.0	50.8	48.6	57.3	57.3	57.3	57.3
05:00-06:00	58.7	76.4	64.3	62.1	54.7	50.4	58.7	58.7	58.7	58.7
06:00-07:00	62.7	91.0	68.2	65.7	59.4	54.0	62.7	62.7	62.7	62.7
07:00-08:00	63.9	85.9	68.2	66.4	61.0	55.7	63.9	63.9	63.9	63.9
24 Hours Measurement	61.8	95.6	67.3	64.7	57.8	52.4	61.8	61.8	61.8	61.8
Standard**	70	115	-	-	-	-	70	115	-	-
Ldn	66.1	-	-	-	-	-	66.1	-	-	-

Remark : \*\* Notification of National Environmental Board, No.15, B.E.2546 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.111 Part 270 dated April 2, B.E.2546 (1997).



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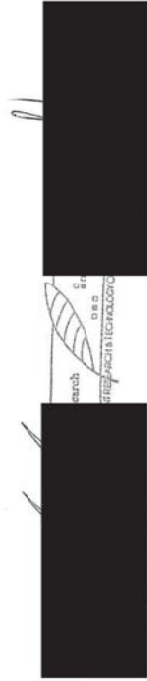


## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Common Area of Pak Thang White House Community, Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS, Coordinate** : UTM (WGS84) 47P 0673743 E, 1550447 N  
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-030  
**Report No.** : 2024-RAA1596  
**Measured Date** : April 24-25, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

Interval Time	Noise Level, dB(A)						
	Leq	Lmax	L5	L10	L50	L90	
08:00-09:00	63.2	83.9	68.4	66.2	60.6	55.0	
09:00-10:00	60.3	81.2	64.9	63.2	56.8	51.4	
10:00-11:00	61.7	88.6	66.7	64.7	57.5	51.4	
11:00-12:00	67.1	100.2	73.6	69.8	60.4	53.9	
12:00-13:00	61.2	85.4	67.4	64.5	56.8	50.9	
13:00-14:00	60.4	84.7	67.3	63.2	54.9	49.8	
14:00-15:00	59.5	83.5	65.1	62.5	55.3	50.4	
15:00-16:00	61.0	86.0	66.4	63.8	56.2	50.4	
16:00-17:00	61.0	80.0	66.2	63.6	56.7	51.4	
17:00-18:00	63.9	89.9	68.6	66.4	60.9	56.2	
18:00-19:00	66.1	89.0	71.5	69.1	62.3	57.8	
19:00-20:00	65.7	90.3	71.2	68.5	61.8	57.0	
20:00-21:00	62.5	84.7	68.2	65.2	58.7	54.1	
21:00-22:00	60.8	83.5	65.5	63.0	57.2	53.6	
22:00-23:00	60.0	90.1	65.8	62.5	55.1	51.8	
23:00-00:00	58.4	79.3	64.0	61.2	53.3	51.1	
00:00-01:00	57.1	78.7	61.7	59.4	53.0	51.0	
01:00-02:00	54.2	76.9	58.1	55.5	52.0	50.8	
02:00-03:00	57.0	80.0	62.2	58.7	51.9	50.6	
03:00-04:00	54.3	82.5	59.0	55.4	52.3	50.7	
04:00-05:00	55.8	78.4	60.1	58.2	53.4	51.8	
05:00-06:00	58.0	75.4	62.9	60.8	55.5	52.9	
06:00-07:00	62.4	81.6	67.3	65.3	59.6	54.9	
07:00-08:00	64.4	87.2	68.7	67.2	62.7	58.2	
24 Hours Measurement	61.9	100.2	67.4	64.7	58.1	53.6	
Standard <sup>1</sup>	70	115	-	-	-	-	-
Ldn	65.8	-	-	-	-	-	-

Remark : <sup>1</sup> Notification of National Environmental Board, No.15, B.E.2549 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 270 dated April 3, B.E.2549 (1997).



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F-RP-008 Rev. 03, January 18, 2021

## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Common Area of Pak Thang White House Community, Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS, Coordinate** : UTM (WGS84) 47P 0673743 E, 1550447 N  
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-030  
**Report No.** : 2024-RAA1596  
**Measured Date** : April 25-26, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

Interval Time	Noise Level, dB(A)						
	Leq	Lmax	L5	L10	L50	L90	
08:00-09:00	63.2	84.5	68.0	66.1	60.4	54.8	
09:00-10:00	62.8	91.6	67.2	64.4	56.0	51.7	
10:00-11:00	63.4	91.3	70.6	66.1	55.9	51.5	
11:00-12:00	62.1	89.0	69.9	66.2	56.7	51.4	
12:00-13:00	60.3	81.7	65.6	62.8	55.4	50.0	
13:00-14:00	59.7	79.7	66.0	63.0	54.3	49.2	
14:00-15:00	60.5	90.7	67.3	63.9	55.1	49.0	
15:00-16:00	61.5	82.8	67.2	64.0	55.8	50.1	
16:00-17:00	62.3	88.1	68.2	64.9	57.2	51.2	
17:00-18:00	65.0	100.8	71.1	67.5	60.7	55.1	
18:00-19:00	68.2	90.0	73.7	71.3	64.8	59.0	
19:00-20:00	70.3	90.9	76.9	74.2	65.8	59.2	
20:00-21:00	63.7	86.6	69.4	66.6	58.9	53.1	
21:00-22:00	61.2	82.3	66.7	63.5	55.9	51.4	
22:00-23:00	60.8	83.7	66.9	63.3	54.3	50.4	
23:00-00:00	58.1	81.1	63.2	60.6	52.3	49.7	
00:00-01:00	56.5	79.2	62.0	59.2	51.3	49.7	
01:00-02:00	54.4	74.1	59.0	56.2	51.2	50.0	
02:00-03:00	54.2	78.6	59.6	56.0	51.5	50.5	
03:00-04:00	54.1	81.4	58.0	56.1	52.1	50.7	
04:00-05:00	56.2	78.5	60.5	57.9	52.1	50.6	
05:00-06:00	60.0	80.9	65.2	62.3	55.2	52.4	
06:00-07:00	63.2	81.9	68.5	65.8	59.6	55.3	
07:00-08:00	63.2	81.0	67.8	65.9	60.3	55.3	
24 Hours Measurement	62.9	100.8	68.9	66.0	58.5	53.3	
Standard <sup>1</sup>	70	115	-	-	-	-	-
Ldn	66.5	-	-	-	-	-	-

Remark : <sup>1</sup> Notification of National Environmental Board, No.15, B.E.2549 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 270 dated April 3, B.E.2549 (1997).



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F-RP-008 Rev. 03, January 18, 2021





## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Common Area of Pak Thang White House Community, Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0673743 E. 155047 N  
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-030  
**Report No.** : 2024-RAA1596  
**Report Date** : May 14, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	61.6	66.9	64.3	61.6	58.2	53.4
09:00-10:00	60.6	81.7	65.6	62.8	56.8	53.2
10:00-11:00	58.8	83.2	64.1	61.8	55.6	51.4
11:00-12:00	59.3	76.4	64.8	62.4	55.9	51.2
12:00-13:00	60.9	82.0	66.5	63.8	56.2	50.4
13:00-14:00	58.6	81.3	63.6	61.9	55.1	50.1
14:00-15:00	60.3	87.6	65.5	62.6	54.8	49.8
15:00-16:00	62.2	86.3	67.6	64.3	56.7	50.9
16:00-17:00	61.3	86.5	67.3	64.1	56.7	51.3
17:00-18:00	67.7	92.6	73.5	70.9	63.2	57.9
18:00-19:00	71.5	94.5	76.9	74.2	67.2	61.0
19:00-20:00	70.1	97.9	76.3	73.5	65.1	58.0
20:00-21:00	63.8	89.4	69.7	66.7	59.7	54.1
21:00-22:00	63.4	88.4	69.2	66.0	57.6	52.6
22:00-23:00	59.2	81.3	63.9	61.6	54.9	51.3
23:00-00:00	57.8	86.3	64.1	60.7	52.8	50.3
00:00-01:00	56.9	77.6	62.3	59.6	52.1	49.9
01:00-02:00	55.6	85.0	60.7	57.7	51.2	49.9
02:00-03:00	53.7	75.7	59.3	55.7	50.2	48.9
03:00-04:00	53.0	72.5	57.8	54.6	50.4	49.2
04:00-05:00	55.9	79.6	61.4	58.1	52.1	50.4
05:00-06:00	57.6	79.2	62.1	60.3	54.8	52.1
06:00-07:00	61.0	80.8	66.2	64.1	57.9	53.7
07:00-08:00	63.1	68.0	66.1	64.0	60.6	55.6
<b>24 Hours Measurement</b>	<b>63.4</b>	<b>97.9</b>	<b>69.0</b>	<b>66.3</b>	<b>59.0</b>	<b>53.7</b>
<b>Standard<sup>1)</sup></b>	<b>70</b>	<b>115</b>	-	-	-	-
<b>Ldn</b>	<b>66.0</b>	-	-	-	-	-

Remark : <sup>1)</sup> Notification of National Environmental Board, No.15, B.E.2540 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 270 dated April 3, B.E.2540 (1997).



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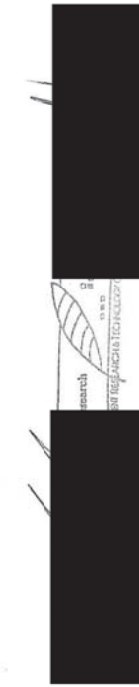


## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Common Area of Pak Thang White House Community, Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0673743 E. 155047 N  
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-030  
**Report No.** : 2024-RAA1596  
**Report Date** : May 14, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	63.8	80.8	68.8	67.4	61.2	55.3
09:00-10:00	63.1	86.7	68.4	66.3	60.0	54.7
10:00-11:00	62.1	89.3	68.2	65.8	59.3	54.1
11:00-12:00	61.1	81.6	66.2	63.7	57.4	53.3
12:00-13:00	59.9	80.7	64.7	62.1	55.9	52.0
13:00-14:00	59.2	80.4	62.0	60.3	54.8	51.2
14:00-15:00	58.9	85.7	65.1	61.8	55.2	51.4
15:00-16:00	61.4	83.6	66.0	63.6	57.4	53.0
16:00-17:00	62.6	86.3	68.1	65.7	59.4	54.4
17:00-18:00	66.3	90.5	71.1	69.2	63.4	58.3
18:00-19:00	69.3	97.1	75.3	73.1	66.1	60.7
19:00-20:00	67.2	99.5	72.2	69.9	63.4	59.6
20:00-21:00	61.5	89.1	66.3	64.0	58.1	53.5
21:00-22:00	58.9	79.6	64.8	61.8	55.7	52.2
22:00-23:00	58.4	79.5	63.0	60.7	54.1	51.3
23:00-00:00	57.8	79.7	63.2	60.4	53.5	50.8
00:00-01:00	55.6	71.5	60.6	58.1	52.5	51.0
01:00-02:00	55.3	82.4	59.6	56.6	51.7	50.2
02:00-03:00	52.6	71.7	56.3	54.2	51.0	49.8
03:00-04:00	53.7	77.3	57.5	55.5	51.6	50.4
04:00-05:00	54.8	77.2	59.9	56.9	52.3	51.0
05:00-06:00	69.1	94.6	73.7	72.4	65.4	60.2
06:00-07:00	70.9	98.2	76.2	74.2	65.5	62.8
07:00-08:00	71.6	97.1	76.6	74.6	68.7	62.7
<b>24 Hours Measurement</b>	<b>64.7</b>	<b>99.5</b>	<b>69.9</b>	<b>67.8</b>	<b>61.2</b>	<b>56.5</b>
<b>Standard<sup>1)</sup></b>	<b>70</b>	<b>115</b>	-	-	-	-
<b>Ldn</b>	<b>70.7</b>	-	-	-	-	-

Remark : <sup>1)</sup> Notification of National Environmental Board, No.15, B.E.2540 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 270 dated April 3, B.E.2540 (1997).



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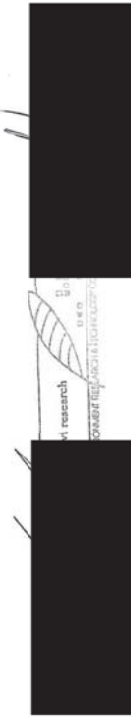


## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Common Area of Pak Thang White House Community, Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGSR84) 47P 0673743 E, 1550447 N  
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-030  
**Report No.** : 2024-RAA1596  
**Report Date** : May 14, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scartlet Tech Model ST-21D Serial Number 820456

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	76.6	93.6	82.5	81.5	73.6	70.3
09:00-10:00	74.7	97.9	79.5	78.2	71.5	68.3
10:00-11:00	75.8	94.5	81.7	80.2	71.4	69.5
11:00-12:00	75.4	94.1	81.2	80.2	74.6	69.0
12:00-13:00	72.7	75.5	76.5	75.5	71.8	64.3
13:00-14:00	67.4	88.1	72.0	69.5	64.9	62.2
14:00-15:00	66.4	69.9	66.4	68.1	64.9	62.3
15:00-16:00	68.5	85.7	74.0	73.2	66.6	63.9
16:00-17:00	65.8	87.6	70.1	68.1	63.7	61.0
17:00-18:00	63.0	83.1	68.2	66.0	59.8	54.9
18:00-19:00	63.3	83.4	68.7	66.2	60.1	55.7
19:00-20:00	64.1	88.9	69.4	66.5	59.7	55.2
20:00-21:00	61.7	84.5	65.7	63.8	56.9	52.3
21:00-22:00	60.0	80.8	65.1	62.7	55.8	51.6
22:00-23:00	59.9	81.2	65.3	62.3	54.8	51.3
23:00-00:00	58.4	87.9	63.1	60.7	52.9	50.3
00:00-01:00	55.8	76.8	60.8	58.1	51.5	49.6
01:00-02:00	54.4	73.3	59.5	56.7	50.8	49.3
02:00-03:00	54.6	56.5	60.0	56.5	50.4	49.2
03:00-04:00	53.1	75.2	57.4	54.7	51.0	50.1
04:00-05:00	57.3	80.0	61.0	58.8	53.6	51.9
05:00-06:00	59.2	78.9	64.4	61.5	55.0	51.9
06:00-07:00	62.9	80.6	67.9	65.5	59.5	54.6
07:00-08:00	62.9	79.9	67.8	65.4	60.0	55.1
<b>24 Hours Measurement</b>	<b>69.3</b>	<b>97.9</b>	<b>74.7</b>	<b>73.4</b>	<b>66.8</b>	<b>62.9</b>
<b>Standard<sup>1)</sup></b>	<b>70</b>	<b>115</b>	-	-	-	-
<b>Ldn</b>	<b>70.3</b>	-	-	-	-	-

Remark : 1) Notification of National Environmental Board, No.15, B.E.2540 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 270 dated April 3, B.E.2540 (1997).



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## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Common Area of Pak Thang White House Community, Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGSR84) 47P 0673743 E, 1550447 N  
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-030  
**Report No.** : 2024-RAA1596  
**Report Date** : May 14, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scartlet Tech Model ST-21D Serial Number 820456

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	61.2	80.7	66.4	63.9	57.7	52.8
09:00-10:00	57.8	79.2	62.8	60.9	55.1	51.3
10:00-11:00	60.0	80.7	64.7	62.8	56.5	51.6
11:00-12:00	59.5	78.3	65.0	62.5	56.0	51.9
12:00-13:00	59.6	79.9	64.5	62.6	55.9	50.3
13:00-14:00	60.7	86.4	66.5	64.2	55.7	50.6
14:00-15:00	61.0	87.7	67.1	63.9	55.9	50.2
15:00-16:00	59.9	80.2	65.0	62.7	56.1	50.9
16:00-17:00	63.5	98.6	69.5	66.3	58.8	53.2
17:00-18:00	64.9	84.9	69.9	67.9	61.6	56.7
18:00-19:00	69.3	89.8	74.8	73.0	65.7	59.8
19:00-20:00	65.2	92.9	71.7	68.9	61.1	55.9
20:00-21:00	63.3	86.1	68.1	65.9	58.5	53.6
21:00-22:00	62.3	86.6	68.4	65.3	57.4	52.3
22:00-23:00	57.7	77.5	62.9	60.3	53.2	50.6
23:00-00:00	57.1	83.5	62.1	59.7	52.5	50.5
00:00-01:00	54.8	78.1	59.3	56.9	51.2	49.7
01:00-02:00	54.1	76.8	58.6	56.3	50.4	49.3
02:00-03:00	55.0	77.4	59.7	57.1	51.1	50.2
03:00-04:00	54.2	78.4	58.9	54.9	51.2	50.2
04:00-05:00	53.3	78.0	57.8	55.7	51.3	49.9
05:00-06:00	56.7	71.9	61.4	59.7	54.6	51.8
06:00-07:00	62.0	80.6	66.9	64.5	58.6	54.1
07:00-08:00	62.5	81.2	67.2	65.3	60.2	55.2
<b>24 Hours Measurement</b>	<b>61.7</b>	<b>98.6</b>	<b>67.2</b>	<b>64.8</b>	<b>57.9</b>	<b>53.1</b>
<b>Standard<sup>1)</sup></b>	<b>70</b>	<b>115</b>	-	-	-	-
<b>Ldn</b>	<b>65.0</b>	-	-	-	-	-

Remark : 1) Notification of National Environmental Board, No.15, B.E.2540 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 270 dated April 3, B.E.2540 (1997).



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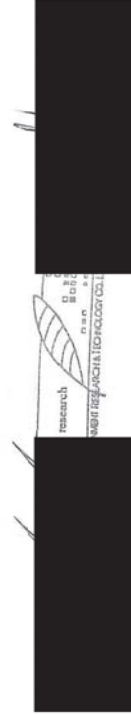


## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd.,  
Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674271 E, 1550801 N  
**Measured Date** : April 23-24, 2024  
**Analysis No.** : 2024-AB865-031  
**Report No.** : 2024-RAA1597  
**Report Date** : May 14, 2024  
**Analyzed By** : [REDACTED]  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	60.9	82.6	61.5	62.3	60.0	59.5
09:00-10:00	60.5	76.5	61.8	61.2	60.2	59.7
10:00-11:00	60.3	69.7	61.2	60.9	60.2	59.7
11:00-12:00	60.3	73.7	61.8	61.2	60.0	59.5
12:00-13:00	60.8	77.4	62.7	62.0	60.4	59.4
13:00-14:00	60.2	72.9	61.7	61.1	59.9	59.3
14:00-15:00	60.9	78.5	63.6	62.1	60.0	59.4
15:00-16:00	61.1	83.4	62.9	62.1	60.4	59.4
16:00-17:00	60.5	69.6	61.8	61.3	60.3	59.5
17:00-18:00	60.4	71.8	61.8	61.3	60.0	59.3
18:00-19:00	60.2	73.3	61.2	60.7	59.9	59.5
19:00-20:00	60.2	84.4	61.8	60.8	59.9	59.5
20:00-21:00	60.0	76.7	60.7	60.4	59.8	59.5
21:00-22:00	60.3	79.0	61.1	60.7	60.0	59.6
22:00-23:00	59.9	66.6	60.5	60.3	59.8	59.5
23:00-00:00	59.7	67.0	60.2	60.0	59.5	59.3
00:00-01:00	59.4	63.6	60.0	59.8	59.3	59.0
01:00-02:00	59.4	65.3	59.9	59.7	59.2	59.0
02:00-03:00	59.2	62.8	59.6	59.5	59.0	58.8
03:00-04:00	59.1	61.8	59.5	59.4	58.9	58.8
04:00-05:00	59.4	70.2	60.0	59.8	59.3	59.0
05:00-06:00	59.6	71.7	60.3	60.0	59.4	59.2
06:00-07:00	59.6	77.9	60.5	60.1	59.5	59.1
07:00-08:00	60.0	78.2	61.2	60.6	59.7	59.3
24 Hours Measurement	60.1	84.4	61.5	60.8	59.8	59.3
Standard <sup>1)</sup>	70	115	-	-	-	-
Ldn	66.0	-	-	-	-	-

Remark : <sup>1)</sup> Notification of National Environmental Board, No.15, B.E.2549 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 27D dated April 3, B.E.2549 (1997).



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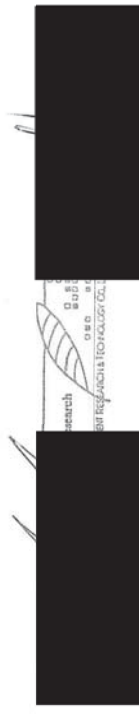


## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd.,  
Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674271 E, 1550801 N  
**Measured Date** : April 24-25, 2024  
**Analysis No.** : 2024-AB865-031  
**Report No.** : 2024-RAA1597  
**Report Date** : May 14, 2024  
**Analyzed By** : [REDACTED]  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	60.7	83.2	62.0	61.4	59.9	59.3
09:00-10:00	60.3	86.9	62.5	61.5	59.7	59.0
10:00-11:00	60.9	75.3	62.4	61.8	60.5	60.0
11:00-12:00	60.6	77.6	61.8	61.2	60.3	59.4
12:00-13:00	61.7	77.1	64.2	63.5	61.2	59.4
13:00-14:00	60.2	82.8	61.5	61.0	59.8	59.1
14:00-15:00	59.9	80.0	61.1	60.6	59.6	59.0
15:00-16:00	59.9	72.9	60.8	60.5	59.7	59.2
16:00-17:00	60.8	76.3	62.6	61.9	60.3	59.6
17:00-18:00	60.5	71.8	62.7	61.8	59.9	59.4
18:00-19:00	60.3	76.0	62.7	61.4	59.7	59.2
19:00-20:00	60.0	67.8	61.0	60.6	59.8	59.4
20:00-21:00	60.2	74.2	61.1	60.8	60.0	59.5
21:00-22:00	60.2	72.4	61.1	60.7	60.0	59.5
22:00-23:00	60.2	69.4	61.3	60.9	60.1	59.6
23:00-00:00	60.3	77.0	61.3	60.9	60.1	59.5
00:00-01:00	58.9	67.9	59.6	59.3	58.7	58.4
01:00-02:00	58.6	73.2	59.1	58.9	58.4	58.1
02:00-03:00	58.6	63.5	59.2	59.0	58.5	58.2
03:00-04:00	58.6	77.2	59.0	58.9	58.4	58.2
04:00-05:00	58.7	63.6	59.4	59.1	58.6	58.4
05:00-06:00	59.3	78.2	60.5	59.9	58.9	58.5
06:00-07:00	59.7	74.2	61.5	60.5	59.1	58.6
07:00-08:00	59.2	80.8	60.5	59.8	58.8	58.4
24 Hours Measurement	60.0	86.9	61.4	60.8	59.6	59.1
Standard <sup>1)</sup>	70	115	-	-	-	-
Ldn	65.9	-	-	-	-	-

Remark : <sup>1)</sup> Notification of National Environmental Board, No.15, B.E.2549 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 27D dated April 3, B.E.2549 (1997).



Laboratory Reviewer

Laboratory Supervisor

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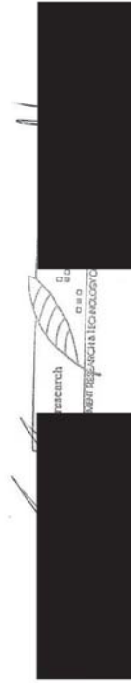


## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured source** : Ambient Noise  
**Measured Point** : Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd.,  
Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WG84) 47P 0674271 E, 1550801 N  
**Measured Date** : April 25-26, 2024  
**Analysis No.** : 2024-AB865-031  
**Report No.** : 2024-RAA1597  
**Report Date** : May 14, 2024  
**Analyzed By** :  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

Interval Time	Noise Level, dB(A)						
	Leq	Lmax	L5	L10	L50	L90	
08:00-09:00	59.7	75.9	61.6	60.7	59.2	58.7	
09:00-10:00	59.9	73.6	61.8	60.8	59.4	58.9	
10:00-11:00	59.9	77.7	62.2	61.4	59.0	58.6	
11:00-12:00	59.4	80.4	61.0	59.9	58.9	58.5	
12:00-13:00	60.8	70.1	63.4	62.5	60.3	58.8	
13:00-14:00	59.6	80.7	60.9	60.4	59.2	58.5	
14:00-15:00	60.8	78.9	64.4	62.7	59.3	58.6	
15:00-16:00	59.7	81.2	61.5	60.6	59.1	58.5	
16:00-17:00	60.7	78.6	62.5	61.6	60.0	59.2	
17:00-18:00	60.7	82.1	62.6	61.7	60.0	59.0	
18:00-19:00	60.2	78.3	61.9	61.0	59.6	59.1	
19:00-20:00	60.2	78.6	61.8	60.6	59.6	59.2	
20:00-21:00	59.8	70.8	60.5	60.2	59.6	59.2	
21:00-22:00	59.3	66.4	59.8	59.7	59.2	58.9	
22:00-23:00	59.6	66.5	60.3	60.1	59.4	59.1	
23:00-00:00	59.5	68.7	59.5	59.3	59.4	59.0	
00:00-01:00	59.0	62.8	59.6	59.4	58.8	58.5	
01:00-02:00	58.6	63.5	59.1	59.0	58.5	58.2	
02:00-03:00	58.4	64.0	59.1	58.8	58.2	58.0	
03:00-04:00	58.4	66.1	58.8	58.7	58.3	58.1	
04:00-05:00	59.7	65.3	59.3	59.1	58.6	58.3	
05:00-06:00	59.0	71.0	59.8	59.8	58.7	58.4	
06:00-07:00	59.6	68.8	61.2	60.3	59.3	58.8	
07:00-08:00	59.5	77.5	60.9	60.3	59.3	58.8	
24 Hours Measurement	59.7	82.1	61.3	60.5	59.2	58.7	
Standard**	70	115	-	-	-	-	
Ldn	65.6	-	-	-	-	-	

Remark : \* Notification of National Environmental Board, No.15, B.E.2546 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 27D dated April 3, B.E.2540 (1997).



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Laboratory Supervisor

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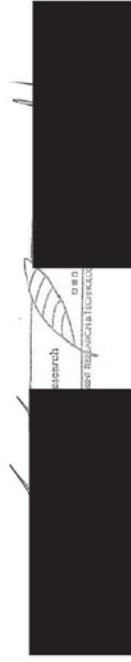
F-RP-008 Rev. 03, January 18, 2021

## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd.,  
Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WG84) 47P 0674271 E, 1550801 N  
**Measured Date** : April 26-27, 2024  
**Analysis No.** : 2024-AB865-031  
**Report No.** : 2024-RAA1597  
**Report Date** : May 14, 2024  
**Analyzed By** :  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

Interval Time	Noise Level, dB(A)						
	Leq	Lmax	L5	L10	L50	L90	
08:00-09:00	60.1	79.7	62.1	61.2	59.5	58.7	
09:00-10:00	59.9	78.8	61.6	60.7	59.5	58.9	
10:00-11:00	60.0	77.9	61.6	60.9	59.6	59.0	
11:00-12:00	59.6	72.4	60.8	60.3	59.3	58.8	
12:00-13:00	60.3	71.1	62.0	61.4	59.8	58.8	
13:00-14:00	60.3	77.3	61.8	61.2	59.7	59.0	
14:00-15:00	60.2	71.0	61.6	60.9	59.5	59.0	
15:00-16:00	60.0	72.7	61.3	60.6	59.5	58.9	
16:00-17:00	60.4	78.6	67.1	61.2	59.8	59.0	
17:00-18:00	60.2	71.1	61.7	61.1	59.7	59.1	
18:00-19:00	60.1	70.1	61.5	60.8	59.6	59.1	
19:00-20:00	60.2	72.3	61.3	60.7	59.8	59.3	
20:00-21:00	60.2	69.3	61.3	60.9	60.0	59.5	
21:00-22:00	60.2	70.8	61.1	60.7	59.9	59.4	
22:00-23:00	59.9	66.4	60.7	60.5	59.8	59.3	
23:00-00:00	59.7	68.8	60.5	60.2	59.6	59.1	
00:00-01:00	59.1	65.9	59.9	59.6	59.0	58.6	
01:00-02:00	58.8	64.5	59.5	59.2	58.7	58.4	
02:00-03:00	58.7	62.2	59.2	59.1	58.6	58.3	
03:00-04:00	58.6	65.9	59.0	58.9	58.5	58.2	
04:00-05:00	58.8	64.1	59.4	59.2	58.7	58.4	
05:00-06:00	59.1	67.3	60.0	59.6	58.9	58.6	
06:00-07:00	59.4	68.1	60.5	60.0	59.1	58.7	
07:00-08:00	59.5	77.2	60.8	60.0	59.1	58.7	
24 Hours Measurement	59.8	79.7	61.5	60.4	59.4	58.9	
Standard**	70	115	-	-	-	-	
Ldn	65.7	-	-	-	-	-	

Remark : \* Notification of National Environmental Board, No.15, B.E.2546 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 27D dated April 3, B.E.2540 (1997).



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Environment Research & Technology Company Limited  
25/114 Moo 6 Soi Chinnakhet 1, Ngam Wong Wan Road,  
Thung Song Hong, Lak Si, Bangkok 10210  
Tel 0-2954-7745-6 Fax 0-2954-7747  
E-mail : env@enviresearch.co.th  
www.enviresearch.co.th  
Head Office/Fax ID 0105 542 864 981

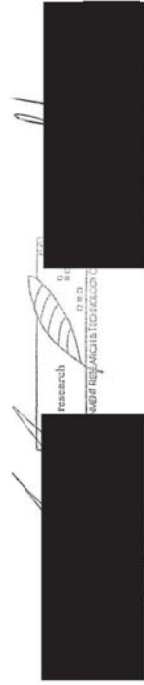
## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Project's Fence Located Adjacent to the Staff Dormitory of Tejlin Polyester (Thailand) Co.,Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674271 E, 1550801 N  
**Measured Date** : April 27-28, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

**Analysis No.** : 2024-AB865-031  
**Quotation No.** : AR2024-00674  
**Report No.** : 2024-RAA1597  
**Report Date** : May 14, 2024

Interval Time	Noise Level, dB(A)						
	Leq	Lmax	L5	L10	L50	L90	
08:00-09:00	59.0	72.7	60.2	59.6	58.7	58.3	
09:00-10:00	58.8	72.8	59.7	59.3	58.6	58.2	
10:00-11:00	59.0	75.0	60.0	59.6	58.8	58.3	
11:00-12:00	58.7	73.2	59.5	59.2	58.6	58.2	
12:00-13:00	58.6	86.1	59.7	59.4	58.4	57.9	
13:00-14:00	59.1	73.4	59.8	59.8	58.9	58.4	
14:00-15:00	59.8	77.8	61.4	60.6	59.2	58.6	
15:00-16:00	59.1	70.7	60.2	59.6	58.8	58.4	
16:00-17:00	59.0	69.4	59.7	59.4	58.8	58.4	
17:00-18:00	59.1	71.1	59.9	59.5	58.9	58.5	
18:00-19:00	59.5	70.8	60.7	60.2	59.3	58.8	
19:00-20:00	60.1	76.2	61.6	60.9	59.8	59.2	
20:00-21:00	60.3	69.7	61.8	61.2	60.1	59.4	
21:00-22:00	60.0	73.0	61.0	60.6	59.8	59.2	
22:00-23:00	59.6	71.6	60.3	60.1	59.4	59.0	
23:00-00:00	59.4	68.8	60.1	59.9	59.2	58.8	
00:00-01:00	58.9	72.9	59.8	59.4	58.7	58.3	
01:00-02:00	58.7	68.4	59.7	59.3	58.5	58.1	
02:00-03:00	58.4	65.4	59.0	58.8	58.3	58.1	
03:00-04:00	58.4	63.3	58.9	58.8	58.3	58.0	
04:00-05:00	58.5	64.7	59.0	58.9	58.4	58.1	
05:00-06:00	58.8	69.7	59.6	59.3	58.6	58.3	
06:00-07:00	58.9	73.1	59.8	59.4	58.7	58.3	
07:00-08:00	59.0	76.5	60.2	59.6	58.8	58.3	
24 Hours Measurement	59.1	86.1	60.2	59.7	58.9	58.5	
Standard**	70	115	-	-	-	-	
Ldn	65.3	-	-	-	-	-	

Remark: \* Notification of National Environmental Board, No.15, B.E.2540 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 27D dated April 3, B.E.2540 (1997).



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Environment Research & Technology Company Limited  
25/114 Moo 6 Soi Chinnakhet 1, Ngam Wong Wan Road,  
Thung Song Hong, Lak Si, Bangkok 10210  
Tel 0-2954-7745-6 Fax 0-2954-7747  
E-mail : env@enviresearch.co.th  
www.enviresearch.co.th  
Head Office/Fax ID 0105 542 864 981

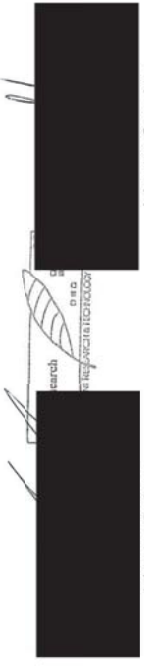
## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Project's Fence Located Adjacent to the Staff Dormitory of Tejlin Polyester (Thailand) Co.,Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674271 E, 1550801 N  
**Measured Date** : April 28-29, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

**Analysis No.** : 2024-AB865-031  
**Quotation No.** : AR2024-00674  
**Report No.** : 2024-RAA1597  
**Report Date** : May 14, 2024

Interval Time	Noise Level, dB(A)						
	Leq	Lmax	L5	L10	L50	L90	
08:00-09:00	59.0	75.4	60.6	60.1	58.6	58.1	
09:00-10:00	59.0	76.2	59.8	59.4	58.7	58.2	
10:00-11:00	58.7	80.5	59.6	59.3	58.6	58.2	
11:00-12:00	59.0	70.5	59.9	59.6	58.8	58.3	
12:00-13:00	59.0	69.7	60.5	59.9	58.7	58.2	
13:00-14:00	59.4	67.7	60.6	60.2	59.3	58.7	
14:00-15:00	59.5	69.6	60.7	60.3	59.3	58.8	
15:00-16:00	59.7	73.6	60.9	60.4	59.4	58.8	
16:00-17:00	59.4	73.4	60.3	59.9	59.1	58.6	
17:00-18:00	59.1	71.8	60.1	59.7	58.8	58.4	
18:00-19:00	59.7	71.3	60.5	60.2	59.5	59.0	
19:00-20:00	60.2	72.9	61.2	60.9	60.1	59.5	
20:00-21:00	60.5	72.9	61.8	61.3	60.3	59.7	
21:00-22:00	60.5	73.3	61.8	61.3	60.3	59.7	
22:00-23:00	60.2	70.9	61.4	61.0	60.0	59.5	
23:00-00:00	59.5	71.0	60.5	60.1	59.3	58.8	
00:00-01:00	59.0	68.7	59.9	59.6	58.9	58.5	
01:00-02:00	58.4	66.1	58.9	58.7	58.0	58.0	
02:00-03:00	58.5	63.8	59.1	58.9	58.4	58.1	
03:00-04:00	58.3	61.8	58.7	58.6	58.2	58.0	
04:00-05:00	58.5	69.5	59.1	58.9	58.4	58.1	
05:00-06:00	58.8	67.5	59.8	59.3	58.6	58.3	
06:00-07:00	59.1	71.6	60.3	59.7	58.9	58.5	
07:00-08:00	59.3	77.9	60.6	59.9	58.9	58.5	
24 Hours Measurement	59.3	80.5	60.4	59.9	59.1	58.6	
Standard**	70	115	-	-	-	-	
Ldn	65.5	-	-	-	-	-	

Remark: \* Notification of National Environmental Board, No.15, B.E.2540 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 27D dated April 3, B.E.2540 (1997).



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## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS, Coordinate** : UTM (WG584) 47P 0674271 E, 1550801 N  
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-031  
**Measured Date** : April 29-30, 2024  
**Report No.** : 2024-RA1597  
**Measured By** : [REDACTED]  
**Report Date** : May 14, 2024  
**Analyzed By** : [REDACTED]  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

Interval Time	Noise Level, dB(A)						
	Leq	Lmax	L5	L10	L50	L90	
08:00-09:00	59.7	75.7	61.3	60.5	59.3	58.7	
09:00-10:00	61.2	79.1	64.2	62.9	60.3	59.4	
10:00-11:00	61.7	78.6	64.9	63.5	60.5	59.5	
11:00-12:00	60.1	73.0	61.4	60.9	59.7	59.2	
12:00-13:00	60.5	80.5	62.2	61.6	60.2	59.1	
13:00-14:00	61.1	82.4	64.1	62.8	60.1	59.3	
14:00-15:00	59.9	81.8	61.4	60.5	59.7	59.2	
15:00-16:00	59.8	80.4	62.0	60.4	59.3	58.8	
16:00-17:00	59.7	86.3	62.4	61.4	59.2	58.6	
17:00-18:00	61.5	84.6	63.3	63.4	60.6	59.3	
18:00-19:00	60.6	81.0	63.8	61.5	59.6	59.1	
19:00-20:00	59.9	76.3	60.7	60.3	59.6	59.2	
20:00-21:00	60.6	83.6	61.7	61.3	60.2	59.6	
21:00-22:00	60.6	85.9	61.8	61.2	60.3	59.8	
22:00-23:00	59.9	71.4	60.8	60.3	59.7	59.3	
23:00-00:00	59.7	68.4	60.5	60.2	59.5	59.2	
00:00-01:00	59.5	70.5	60.2	60.0	59.3	59.0	
01:00-02:00	59.3	76.1	60.3	59.8	59.1	58.7	
02:00-03:00	58.8	64.6	59.4	59.2	58.6	58.4	
03:00-04:00	58.8	76.3	59.2	59.0	58.6	58.4	
04:00-05:00	58.9	64.5	59.6	59.3	58.8	58.5	
05:00-06:00	59.2	67.9	59.9	59.6	59.0	58.7	
06:00-07:00	59.4	69.9	60.2	59.8	59.2	58.9	
07:00-08:00	59.7	75.7	60.9	60.3	59.4	58.9	
24 Hours Measurement	60.1	86.5	61.9	61.0	59.6	59.0	
Standard <sup>1)</sup>	70	115	-	-	-	-	-
Ldn	65.9	-	-	-	-	-	-

Remark : <sup>1)</sup> Notification of National Environmental Board, No.15, B.E.2540 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 270 dated April 3, B.E.2540 (1997).

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SE RESEARCH TECHNOLOGY CO., LTD.

Laboratory Reviewer

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F-RP-008 Rev. 03, January 18, 2021

## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS, Coordinate** : UTM (WG584) 47P 0674201 E, 1550827 N  
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-029  
**Measured Date** : April 23-24, 2024  
**Report No.** : 2024-RA1595  
**Measured By** : [REDACTED]  
**Report Date** : May 14, 2024  
**Analyzed By** : [REDACTED]  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

Interval Time	Noise Level, dB(A)						
	Leq	Lmax	L5	L10	L50	L90	
08:00-09:00	55.6	77.5	58.7	56.8	54.7	54.0	
09:00-10:00	55.4	78.7	57.3	56.4	54.9	54.2	
10:00-11:00	56.1	81.9	57.4	56.7	55.5	54.8	
11:00-12:00	55.5	56.9	55.2	56.3	55.2	54.6	
12:00-13:00	55.4	75.7	56.7	56.0	55.0	54.3	
13:00-14:00	55.7	77.2	57.1	56.3	55.2	54.4	
14:00-15:00	56.5	76.5	59.3	57.7	55.6	54.9	
15:00-16:00	56.5	78.3	58.3	57.4	55.8	55.0	
16:00-17:00	56.3	79.0	58.0	57.3	55.6	54.5	
17:00-18:00	55.4	75.1	57.2	56.4	55.0	54.2	
18:00-19:00	55.0	72.7	57.0	56.0	55.1	54.4	
19:00-20:00	56.4	77.7	59.7	57.7	55.2	54.5	
20:00-21:00	55.5	56.4	56.0	55.1	55.1	54.5	
21:00-22:00	55.7	79.5	57.1	56.5	55.3	54.6	
22:00-23:00	55.1	77.0	56.2	55.9	54.9	54.2	
23:00-00:00	54.3	72.2	55.7	55.1	54.0	53.5	
00:00-01:00	54.1	67.4	55.2	54.8	53.9	53.3	
01:00-02:00	54.1	73.9	55.1	54.6	53.8	53.3	
02:00-03:00	53.9	76.0	55.0	54.5	53.6	53.0	
03:00-04:00	53.6	63.6	54.5	54.1	53.5	53.0	
04:00-05:00	54.4	76.3	56.0	55.1	54.1	53.5	
05:00-06:00	54.9	57.7	56.2	54.3	54.3	53.7	
06:00-07:00	54.5	70.0	56.0	55.3	54.2	53.6	
07:00-08:00	54.7	68.9	56.5	55.6	54.3	53.7	
24 Hours Measurement	55.3	81.9	57.1	56.2	54.8	54.1	
Standard <sup>1)</sup>	70	115	-	-	-	-	-
Ldn	61.0	-	-	-	-	-	-

Remark : <sup>1)</sup> Notification of National Environmental Board, No.15, B.E.2540 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 270 dated April 3, B.E.2540 (1997).

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## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WG584) 47P 0674301 E, 1550827 N  
**Measured Date** : April 25-26, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-029  
**Report No.** : 2024-RAA1595  
**Report Date** : May 14, 2024

Interval Time	Noise Level, dB(A)						
	Leq	Lmax	L5	L10	L50	L90	
08:00-09:00	55.0	70.1	56.3	55.6	54.5	53.9	
09:00-10:00	55.1	72.3	56.7	55.9	54.6	53.9	
10:00-11:00	55.0	75.1	56.5	55.8	54.6	53.9	
11:00-12:00	55.0	81.3	56.5	55.9	54.7	54.0	
12:00-13:00	54.9	68.3	56.2	55.6	54.5	53.9	
13:00-14:00	55.2	72.5	56.6	56.0	54.9	54.2	
14:00-15:00	55.6	80.8	57.9	57.0	55.1	54.3	
15:00-16:00	55.6	68.1	57.0	56.4	55.2	54.5	
16:00-17:00	55.4	75.7	56.9	56.2	54.9	54.2	
17:00-18:00	55.3	68.7	56.8	56.2	54.9	54.1	
18:00-19:00	55.6	66.5	56.9	56.3	55.2	54.5	
19:00-20:00	55.8	68.2	57.2	56.7	55.4	54.7	
20:00-21:00	56.3	71.9	57.8	57.2	55.9	55.1	
21:00-22:00	56.2	68.6	57.5	57.0	55.9	55.1	
22:00-23:00	55.6	73.9	56.9	56.4	55.3	54.6	
23:00-00:00	55.1	66.5	56.5	55.9	54.8	54.2	
00:00-01:00	54.4	65.3	55.6	55.1	54.1	53.5	
01:00-02:00	54.1	63.1	55.4	54.8	53.8	53.2	
02:00-03:00	53.7	71.0	57.5	56.0	53.5	53.0	
03:00-04:00	53.5	58.8	54.2	53.9	53.3	52.9	
04:00-05:00	53.9	64.5	55.0	54.4	53.5	53.0	
05:00-06:00	55.1	73.1	57.6	56.2	54.1	53.5	
06:00-07:00	54.5	65.0	56.4	55.5	54.0	53.4	
07:00-08:00	55.1	82.6	57.7	56.7	54.3	53.5	
24 Hours Measurement	55.1	82.6	56.7	56.0	54.7	54.0	
Standard <sup>1)</sup>	70	115	-	-	-	-	
Ldn	61.0	-	-	-	-	-	

Remark : <sup>1)</sup> Notification of National Environmental Board, No.15, B.E.2540 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 270 dated April 3, B.E.2540 (1997).

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## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WG584) 47P 0674301 E, 1550827 N  
**Measured Date** : April 24-25, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-029  
**Report No.** : 2024-RAA1595  
**Report Date** : May 14, 2024

Interval Time	Noise Level, dB(A)						
	Leq	Lmax	L5	L10	L50	L90	
08:00-09:00	55.2	86.6	56.7	55.8	54.6	53.9	
09:00-10:00	55.7	81.9	57.2	56.5	55.0	54.3	
10:00-11:00	54.9	65.6	56.1	55.6	54.7	54.1	
11:00-12:00	55.2	72.7	56.4	56.0	54.9	54.3	
12:00-13:00	54.9	70.8	56.3	55.7	54.6	53.9	
13:00-14:00	55.3	69.2	56.7	56.1	55.0	54.4	
14:00-15:00	55.7	72.9	57.5	56.8	55.3	54.4	
15:00-16:00	55.6	73.7	56.9	56.5	55.4	54.6	
16:00-17:00	55.6	80.8	57.3	56.6	55.3	54.6	
17:00-18:00	55.6	67.6	57.2	56.7	55.3	54.4	
18:00-19:00	55.2	76.8	56.6	55.9	54.9	54.4	
19:00-20:00	55.5	71.4	56.7	56.3	55.3	54.7	
20:00-21:00	56.1	76.4	57.3	56.8	55.7	55.1	
21:00-22:00	55.9	72.0	57.2	56.7	55.7	55.0	
22:00-23:00	56.5	76.6	58.1	57.2	55.9	55.1	
23:00-00:00	56.2	78.9	57.8	57.1	55.7	54.9	
00:00-01:00	54.1	65.6	55.2	54.8	54.0	53.4	
01:00-02:00	53.6	66.5	54.5	54.0	53.3	52.8	
02:00-03:00	53.9	64.6	55.0	54.5	53.7	53.1	
03:00-04:00	53.5	65.1	54.2	53.9	53.3	52.8	
04:00-05:00	53.6	62.4	54.5	54.1	53.4	53.0	
05:00-06:00	54.5	77.2	57.6	55.5	54.0	53.3	
06:00-07:00	54.3	76.4	56.3	55.3	53.6	53.0	
07:00-08:00	54.2	73.2	54.8	54.8	53.7	53.2	
24 Hours Measurement	55.1	86.6	56.6	55.9	54.8	54.1	
Standard <sup>1)</sup>	70	115	-	-	-	-	
Ldn	61.1	-	-	-	-	-	

Remark : <sup>1)</sup> Notification of National Environmental Board, No.15, B.E.2540 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 270 dated April 3, B.E.2540 (1997).

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## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangset Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674301 E, 1550827 N  
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-029  
**Report No.** : 2024-RAA1595  
**Report Date** : May 14, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

Interval Time	Noise Level, dB(A)									
	Leq	Lmax	L5	L10	L50	L90	L5	L10	L50	L90
08:00-09:00	55.3	73.9	57.1	56.1	54.7	54.0	55.3	72.6	53.6	53.0
09:00-10:00	55.3	69.7	56.7	56.2	55.0	54.2	53.9	64.0	53.8	53.2
10:00-11:00	54.9	69.5	56.6	55.9	54.5	53.8	54.0	69.5	54.1	53.4
11:00-12:00	55.2	68.7	57.0	56.2	54.7	53.9	54.0	65.8	53.8	53.2
12:00-13:00	55.1	74.3	56.7	55.9	54.6	53.9	54.0	71.9	53.7	53.0
13:00-14:00	55.5	75.4	57.0	56.4	55.1	54.4	54.8	77.9	56.3	53.7
14:00-15:00	55.4	75.0	57.4	56.6	54.9	54.0	55.2	71.5	56.7	54.0
15:00-16:00	56.3	70.8	57.2	57.2	55.9	55.2	54.6	69.3	54.4	53.6
16:00-17:00	55.9	70.1	57.2	56.8	55.5	54.6	54.5	68.9	54.2	53.6
17:00-18:00	55.2	68.8	56.5	56.0	54.9	54.2	55.0	71.3	56.4	54.0
18:00-19:00	55.6	66.0	57.0	56.4	55.3	54.6	56.1	75.2	55.7	54.8
19:00-20:00	55.4	66.3	56.7	56.2	55.2	54.5	56.3	74.9	55.9	55.0
20:00-21:00	56.6	73.5	58.9	58.0	56.0	55.1	56.9	82.2	56.4	55.5
21:00-22:00	56.0	70.2	57.3	56.8	55.7	55.1	56.1	74.1	55.8	55.0
22:00-23:00	55.2	71.7	56.0	55.7	55.0	54.5	55.5	70.2	55.3	54.6
23:00-00:00	54.7	66.6	55.7	55.4	54.6	54.0	55.0	67.4	54.8	53.9
00:00-01:00	54.5	68.2	55.9	55.3	54.2	53.5	54.1	65.9	53.8	53.1
01:00-02:00	54.4	67.2	55.9	55.3	54.0	53.2	54.2	69.4	53.7	52.9
02:00-03:00	54.0	66.8	55.1	54.6	53.7	53.2	53.4	63.4	53.2	52.6
03:00-04:00	53.6	61.1	54.3	54.0	53.4	52.9	53.3	60.9	53.1	52.6
04:00-05:00	53.7	76.9	57.4	54.3	53.2	52.7	53.6	65.1	54.2	52.8
05:00-06:00	55.3	75.5	58.1	56.6	53.8	53.3	55.2	77.3	54.2	53.2
06:00-07:00	54.6	68.9	56.6	55.7	54.1	53.3	54.2	68.0	53.6	52.8
07:00-08:00	53.9	77.2	55.4	54.6	53.5	52.9	54.4	70.2	53.8	53.1
24 Hours Measurement	55.1	77.2	56.8	56.0	54.7	54.0	54.8	82.2	54.4	53.7
Standard <sup>1)</sup>	70	115	-	-	-	-	70	115	-	-
Ldn	61.0	-	-	-	-	-	60.9	-	-	-

Remark : <sup>1)</sup> Notification of National Environmental Board, No.15, B.E.2560 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 270 dated April 3, B.E.2540 (1997).

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## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangset Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674301 E, 1550827 N  
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-029  
**Report No.** : 2024-RAA1595  
**Report Date** : May 14, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

Interval Time	Noise Level, dB(A)									
	Leq	Lmax	L5	L10	L50	L90	L5	L10	L50	L90
08:00-09:00	53.9	72.6	55.3	54.7	53.6	53.0	53.9	72.6	53.6	53.0
09:00-10:00	53.9	64.0	54.9	54.5	53.8	53.2	54.0	69.5	54.1	53.4
10:00-11:00	54.0	65.8	55.0	55.3	54.1	53.4	54.0	65.8	53.8	53.2
11:00-12:00	54.0	71.9	55.3	54.7	53.7	53.0	54.8	77.9	56.3	53.7
12:00-13:00	54.0	71.9	55.3	54.7	53.7	53.0	55.2	71.5	56.7	54.0
13:00-14:00	54.8	77.9	56.3	55.6	54.4	53.7	54.6	69.3	54.4	53.6
14:00-15:00	55.2	71.5	56.7	56.1	54.8	54.0	54.5	68.9	54.2	53.6
15:00-16:00	54.6	69.3	56.0	55.4	54.2	53.6	55.0	71.3	56.4	54.0
16:00-17:00	54.5	68.9	55.7	55.1	54.2	53.6	56.1	75.2	55.7	54.8
17:00-18:00	55.0	71.3	56.4	55.9	54.8	55.0	56.3	74.9	55.9	55.0
18:00-19:00	56.1	75.2	57.6	57.0	55.7	55.0	56.9	82.2	56.4	55.5
19:00-20:00	56.3	74.9	58.0	57.3	55.9	55.0	56.1	74.1	55.8	55.0
20:00-21:00	56.9	82.2	58.8	57.9	56.4	55.5	55.5	70.2	55.3	54.6
21:00-22:00	56.1	74.1	57.6	57.0	55.8	55.0	55.0	67.4	54.7	53.9
22:00-23:00	55.5	70.2	56.7	56.3	55.3	54.6	54.1	65.9	53.8	53.1
23:00-00:00	55.0	67.4	56.4	55.8	54.7	53.9	54.2	69.4	53.7	52.9
00:00-01:00	54.1	65.9	55.4	55.4	53.8	53.1	53.4	63.4	53.2	52.6
01:00-02:00	54.2	69.4	56.1	55.4	53.7	52.9	53.3	60.9	53.1	52.6
02:00-03:00	53.4	63.4	54.3	54.0	53.2	52.6	53.6	65.1	54.2	52.8
03:00-04:00	53.3	60.9	54.1	53.8	53.1	52.6	55.2	77.3	54.2	53.2
04:00-05:00	53.6	65.1	54.5	54.2	53.4	52.8	54.2	68.0	53.6	52.8
05:00-06:00	55.2	77.3	58.2	56.9	54.2	53.2	54.4	70.2	53.8	53.1
06:00-07:00	54.2	68.0	56.6	55.5	53.6	52.8	54.8	82.2	54.4	53.7
07:00-08:00	54.4	70.2	56.9	56.3	54.4	53.7	70	115	-	-
24 Hours Measurement	54.8	82.2	56.4	55.7	54.4	53.7	60.9	-	-	-
Standard <sup>1)</sup>	70	115	-	-	-	-	-	-	-	-
Ldn	60.9	-	-	-	-	-	-	-	-	-

Remark : <sup>1)</sup> Notification of National Environmental Board, No.15, B.E.2560 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 270 dated April 3, B.E.2540 (1997).

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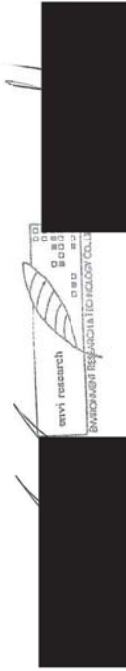


## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Staff Dormitory of Teijin Polyester (Thailand) Co.,Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : Quotation No. : AR2024-00674  
**Measured Date** : Analysis No. : 2024-AB865-029  
**Measured By** : Report No. : 2024-RAA1595  
**Analyzed By** : Environment Research & Technology Co., Ltd. : May 14, 2024  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	54.4	69.4	55.9	55.3	54.1	53.4
09:00-10:00	55.0	72.0	56.8	55.9	54.5	53.8
10:00-11:00	54.9	66.2	56.1	55.6	54.7	54.1
11:00-12:00	55.2	68.7	56.5	55.9	54.9	54.1
12:00-13:00	55.1	71.4	56.4	55.8	54.7	54.1
13:00-14:00	55.0	69.8	56.2	55.9	54.7	54.1
14:00-15:00	55.5	75.5	56.9	56.3	55.2	54.6
15:00-16:00	55.6	69.8	57.0	56.4	55.3	54.6
16:00-17:00	55.2	67.9	56.8	56.1	54.8	54.1
17:00-18:00	55.0	75.0	56.5	55.8	54.4	53.9
18:00-19:00	55.5	73.5	57.0	56.2	55.1	54.4
19:00-20:00	56.3	71.4	57.8	57.2	56.0	55.2
20:00-21:00	56.7	74.2	58.5	57.7	56.2	55.3
21:00-22:00	56.8	71.6	58.6	57.9	56.4	55.5
22:00-23:00	56.2	70.5	57.8	57.2	55.9	55.1
23:00-00:00	55.5	72.6	57.1	56.4	55.1	54.4
00:00-01:00	54.7	68.4	56.1	55.6	54.4	53.8
01:00-02:00	53.6	63.3	54.5	54.2	53.4	52.9
02:00-03:00	53.7	59.8	54.6	54.3	53.6	53.1
03:00-04:00	53.3	58.2	54.0	53.8	53.1	52.7
04:00-05:00	53.5	73.9	54.7	54.0	53.1	52.7
05:00-06:00	54.4	72.5	56.0	55.2	54.0	53.4
06:00-07:00	54.7	74.0	56.8	55.8	54.2	53.5
07:00-08:00	54.7	69.8	56.4	55.7	54.5	53.5
24 Hours Measurement	55.1	75.5	56.6	56.0	54.8	54.1
Standard**	70	115	-	-	-	-
Ldn	61.1	-	-	-	-	-

Remark : \* Notification of National Environmental Board, No.15, B.E.2540 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 270 dated April 31, B.E.2540 (1997).



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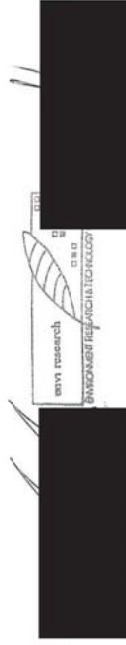
F-RP-008 Rev. 03, January 18, 2021

## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Staff Dormitory of Teijin Polyester (Thailand) Co.,Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : Quotation No. : AR2024-00674  
**Measured Date** : Analysis No. : 2024-AB865-029  
**Measured By** : Report No. : 2024-RAA1595  
**Analyzed By** : Environment Research & Technology Co., Ltd. : May 14, 2024  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

Interval Time	Noise Level, dB(A)					
	Leq	Lmax	L5	L10	L50	L90
08:00-09:00	54.9	83.2	56.2	55.7	54.6	53.8
09:00-10:00	54.9	72.4	56.4	55.7	54.5	53.8
10:00-11:00	54.5	67.4	55.9	55.4	54.3	53.6
11:00-12:00	54.9	69.4	56.3	55.7	54.6	53.9
12:00-13:00	54.9	71.8	56.2	55.6	54.6	54.0
13:00-14:00	55.1	70.5	56.3	55.7	54.8	54.1
14:00-15:00	55.3	74.1	57.0	56.2	54.9	54.1
15:00-16:00	54.9	66.6	56.3	55.7	54.6	53.9
16:00-17:00	54.8	66.7	56.0	55.5	54.5	53.9
17:00-18:00	55.1	70.4	56.4	55.8	54.8	54.2
18:00-19:00	55.3	73.2	56.3	55.8	55.0	54.5
19:00-20:00	55.3	67.7	56.3	56.0	55.1	54.4
20:00-21:00	56.3	74.8	57.8	57.2	56.0	55.3
21:00-22:00	56.5	69.8	57.7	57.2	56.2	55.5
22:00-23:00	55.3	67.6	56.4	56.0	55.1	54.4
23:00-00:00	55.1	69.2	56.7	56.0	54.8	54.3
00:00-01:00	54.9	66.3	56.3	55.8	54.6	54.0
01:00-02:00	54.9	65.4	56.8	56.0	54.5	53.8
02:00-03:00	53.5	61.0	54.6	54.1	53.3	52.9
03:00-04:00	53.6	67.2	54.2	54.0	53.4	53.1
04:00-05:00	53.9	66.0	54.8	54.5	53.8	53.4
05:00-06:00	55.0	71.2	57.3	56.0	54.4	53.8
06:00-07:00	55.0	75.1	56.7	55.9	54.6	53.9
07:00-08:00	54.6	66.9	55.8	54.3	54.6	53.7
24 Hours Measurement	55.0	83.2	56.4	55.8	54.7	54.0
Standard**	70	115	-	-	-	-
Ldn	61.1	-	-	-	-	-

Remark : \* Notification of National Environmental Board, No.15, B.E.2540 (1997) under the Enhancement and Conservation of National Environmental Quality Act B.E.2535 (1992), published in the Royal Government Gazette No.114 Part 270 dated April 31, B.E.2540 (1997).



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F-RP-008 Rev. 03, January 18, 2021



## ANALYSIS REPORT

Customer Name	:Klong Luang Utilities Company Limited		
Address	:222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210		
Project Name	:Electricity and Steam Generating Cogeneration, Pathumthani Province Project		
Project Location	:1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani		
Measured Source	:Ambient Noise		
Measured Point	:Common Area of Pak Thang White House Community, Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province		
GPS. Coordinate	:UTM (WGS84): 47T 067343 E, 1350447 N		
Measured Date	:April 23, 2024		
Measured By	:██████████		
Analyzed By	:Environment Research & Technology Co., Ltd.		
Measured Instrument	:Integrating Sound Level Meter Sciftek Tech Model ST-21D Serial Number 820456		
	Quotation No.	: AR2024-00674	
	Analysis No.	: 2024-AB865-030	
	Report No.	: 2024-RA41640	
	Report Date	: May 14, 2024	

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time			Noise Level For 5 minutes, dB(A)			Interval Time			Noise Level For 5 minutes, dB(A)		
	L90	L50	L10	L90	L50	L10	L90	L50	L10	L90	L50	L10	L90	L50	L10
08:00-08:05	64.2	54.6	11:00-11:05	60.5	51.3	14:00-14:05	62.2	49.8	17:00-17:05	61.5	51.9	20:00-20:05	64.5	54.5	23:00-23:05
08:05-08:10	62.9	53.0	11:05-11:10	59.8	50.5	14:05-14:10	61.0	51.5	17:05-17:10	61.6	51.5	20:05-20:10	63.5	51.5	23:05-23:10
08:10-08:15	61.8	55.6	11:10-11:15	61.9	50.6	14:10-14:15	60.9	50.9	17:10-17:15	67.6	58.0	20:10-20:15	61.4	53.6	23:10-23:15
08:15-08:20	62.3	52.7	11:15-11:20	59.4	48.2	14:15-14:20	61.5	51.3	17:15-17:20	67.8	58.8	20:15-20:20	61.8	54.6	23:15-23:20
08:20-08:25	59.5	50.7	11:20-11:25	59.5	48.2	14:20-14:25	59.5	51.3	17:20-17:25	65.2	57.5	20:20-20:25	61.8	54.6	23:20-23:25
08:25-08:30	60.2	52.0	11:25-11:30	59.7	48.6	14:25-14:30	59.1	51.1	17:25-17:30	61.6	52.6	20:25-20:30	61.6	52.6	23:25-23:30
08:30-08:35	62.3	52.9	11:30-11:35	59.7	48.6	14:30-14:35	60.1	50.8	17:30-17:35	64.6	57.0	20:30-20:35	61.6	52.6	23:30-23:35
08:35-08:40	61.8	53.7	11:35-11:40	63.7	51.0	14:35-14:40	62.0	50.9	17:35-17:40	65.6	56.8	20:35-20:40	61.6	52.6	23:35-23:40
08:40-08:45	60.9	51.3	11:40-11:45	59.7	49.3	14:40-14:45	61.8	52.1	17:40-17:45	64.2	57.1	20:40-20:45	61.6	52.6	23:40-23:45
08:45-08:50	61.5	52.4	11:45-11:50	60.8	50.0	14:45-14:50	59.5	48.9	17:45-17:50	65.0	57.1	20:45-20:50	61.6	52.6	23:45-23:50
08:50-08:55	62.3	52.9	11:50-11:55	61.7	48.3	14:50-14:55	60.0	50.0	17:50-17:55	69.2	59.9	20:50-20:55	61.6	52.6	23:50-23:55
08:55-09:00	60.7	50.8	11:55-12:00	61.6	51.3	14:55-15:00	59.4	48.2	17:55-18:00	67.2	59.0	20:55-21:00	61.6	52.6	23:55-24:00
09:00-09:05	62.0	52.8	12:00-12:05	58.5	48.5	15:00-15:05	59.9	51.3	18:00-18:05	66.1	59.3	21:00-21:05	61.6	52.6	24:00-24:05
09:05-09:10	63.9	53.9	12:05-12:10	63.9	52.9	15:05-15:10	57.4	50.4	18:05-18:10	67.1	60.4	21:05-21:10	61.6	52.6	24:05-24:10
09:10-09:15	62.2	56.3	12:15-12:20	58.7	48.6	15:10-15:15	58.7	49.7	18:10-18:15	65.5	56.6	21:10-21:15	61.6	52.6	24:10-24:15
09:15-09:20	59.7	52.4	12:15-12:20	61.4	50.2	15:15-15:20	62.8	50.8	18:15-18:20	66.0	58.3	21:15-21:20	61.6	52.6	24:15-24:20
09:20-09:25	61.7	52.6	12:25-12:30	60.7	50.6	15:20-15:25	61.3	49.9	18:20-18:25	67.4	56.6	21:20-21:25	61.6	52.6	24:20-24:25
09:25-09:30	62.8	53.5	12:25-12:30	60.7	50.4	15:25-15:30	62.5	50.1	18:25-18:30	65.6	57.8	21:25-21:30	61.6	52.6	24:25-24:30
09:30-09:35	60.2	50.7	12:30-12:35	60.4	50.9	15:30-15:35	58.9	52.0	18:30-18:35	66.6	55.9	21:30-21:35	61.6	52.6	24:30-24:35
09:35-09:40	60.1	51.4	12:35-12:40	59.5	51.6	15:35-15:40	61.7	52.1	18:35-18:40	66.6	55.9	21:35-21:40	61.6	52.6	24:35-24:40
09:40-09:45	59.0	49.4	12:40-12:45	59.0	51.9	15:40-15:45	60.7	53.7	18:40-18:45	65.9	56.8	21:40-21:45	61.6	52.6	24:40-24:45
09:45-09:50	57.2	47.9	12:45-12:50	64.4	51.3	15:45-15:50	62.7	52.4	18:45-18:50	68.8	58.2	21:45-21:50	61.6	52.6	24:45-24:50
09:50-09:55	61.2	51.3	12:50-12:55	60.4	51.9	15:50-15:55	60.6	50.9	18:50-18:55	68.6	57.5	21:50-21:55	61.6	52.6	24:50-24:55
09:55-10:00	60.6	47.3	12:55-13:00	59.6	50.3	15:55-16:00	61.2	52.3	18:55-19:00	66.1	57.2	21:55-22:00	61.6	52.6	24:55-25:00
10:00-10:05	62.7	50.3	13:00-13:05	61.7	50.2	16:00-16:05	61.7	50.4	19:00-19:05	65.9	55.8	22:00-22:05	61.6	52.6	25:00-25:05
10:05-10:10	62.7	51.3	13:05-13:10	62.4	51.4	16:05-16:10	65.1	52.6	19:05-19:10	64.0	53.1	22:05-22:10	61.6	52.6	25:05-25:10
10:10-10:15	63.5	51.5	13:10-13:15	64.7	51.3	16:10-16:15	63.8	54.8	19:10-19:15	61.4	53.6	22:10-22:15	61.6	52.6	25:10-25:15
10:15-10:20	60.6	50.7	13:15-13:20	61.2	48.3	16:15-16:20	59.0	51.0	19:15-19:20	64.3	54.6	22:15-22:20	61.6	52.6	25:15-25:20
10:20-10:25	62.9	51.6	13:20-13:25	60.2	51.4	16:20-16:25	63.5	52.1	19:20-19:25	66.7	56.2	22:20-22:25	61.6	52.6	25:20-25:25
10:25-10:30	60.1	51.3	13:25-13:30	60.5	51.1	16:25-16:30	61.8	50.8	19:25-19:30	62.1	55.2	22:25-22:30	61.6	52.6	25:25-25:30
10:30-10:35	60.0	51.9	13:30-13:35	59.5	50.1	16:30-16:35	63.7	52.5	19:30-19:35	65.2	56.0	22:30-22:35	61.6	52.6	25:30-25:35
10:35-10:40	59.3	52.1	13:35-13:40	59.6	50.0	16:35-16:40	62.6	53.0	19:35-19:40	65.5	55.8	22:35-22:40	61.6	52.6	25:35-25:40
10:40-10:45	60.3	52.1	13:40-13:45	59.9	50.3	16:40-16:45	62.5	52.6	19:40-19:45	65.6	54.0	22:40-22:45	61.6	52.6	25:40-25:45
10:45-10:50	61.7	52.0	13:45-13:50	58.6	51.5	16:45-16:50	61.5	53.1	19:45-19:50	62.4	53.8	22:45-22:50	61.6	52.6	25:45-25:50
10:50-10:55	59.6	52.1	13:50-13:55	59.1	50.1	16:50-16:55	62.0	52.6	19:50-19:55	60.1	52.5	22:50-22:55	61.6	52.6	25:50-25:55
10:55-11:00	59.6	51.5	13:55-14:00	61.7	49.8	16:55-17:00	61.8	52.7	19:55-20:00	62.2	55.2	22:55-23:00	61.6	52.6	25:55-26:00

## ANALYSIS REPORT

Customer Name	: Klong Luang Utilities Company Limited
Address	: 222 ECO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210
Project Name	: Electricity and Steam Generating Cogeneration, Pathumthani Province Project
Project Location	: 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani
Measured Source	: Ambient Noise
Measured Point	: Common Area of Pak Thang White House Community, Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province
GPS. Coordinate	: UTM (WGS84) 47P 0673P45 E, 1530447 N
Measured Date	: April 23-24, 2024
Measured By	: [REDACTED]
Quotation No.	: 1403024-00674
Analysis No.	: 2024-AB865-030
Report No.	: 2024-RAA1640
Report Date	: May 14, 2024
Measured Instrument	: Environment Research & Technology Co., Ltd. : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time		Noise Level For 5 minutes, dB(A)		Interval Time		Noise Level For 5 minutes, dB(A)		Interval Time		Noise Level For 5 minutes, dB(A)	
	L90	L10	L90	L10	L90	L10	L90	L10	L90	L10	L90	L10	L90	L10
20:00-20:05	61.6	52.6	23:00-23:05	59.5	50.7	02:00-02:05	55.1	47.2	05:00-05:05	57.9	50.0	08:00-08:05	57.9	50.0
20:05-20:10	55.1	54.2	23:05-23:10	61.1	50.0	02:05-02:10	54.3	47.6	05:05-05:10	57.5	49.6	08:05-08:10	57.5	49.6
20:10-20:15	63.4	52.8	23:10-23:15	63.3	49.5	02:10-02:15	55.2	47.0	05:10-05:15	56.8	49.0	08:10-08:15	56.8	49.0
20:15-20:20	61.5	51.9	23:15-23:20	59.3	49.2	02:15-02:20	55.7	47.9	05:15-05:20	59.3	49.3	08:15-08:20	59.3	49.3
20:20-20:25	59.7	50.2	23:20-23:25	58.5	49.0	02:20-02:25	57.2	47.5	05:20-05:25	58.3	50.4	08:20-08:25	58.3	50.4
20:25-20:30	61.9	50.9	23:25-23:30	60.8	48.5	02:25-02:30	53.6	47.7	05:25-05:30	57.0	49.8	08:25-08:30	57.0	49.8
20:30-20:35	64.3	54.9	23:30-23:35	54.6	48.4	02:30-02:35	52.9	48.1	05:30-05:35	59.4	50.8	08:30-08:35	59.4	50.8
20:35-20:40	62.5	50.4	23:35-23:40	56.4	49.6	02:35-02:40	55.2	47.8	05:35-05:40	58.6	50.9	08:35-08:40	58.6	50.9
20:40-20:45	63.2	51.6	23:40-23:45	58.6	49.1	02:40-02:45	51.7	48.4	05:40-05:45	58.3	51.6	08:40-08:45	58.3	51.6
20:45-20:50	63.5	52.5	23:45-23:50	60.5	50.3	02:45-02:50	57.3	47.8	05:45-05:50	59.6	51.1	08:45-08:50	59.6	51.1
20:50-20:55	62.9	50.6	23:50-23:55	55.9	49.7	02:50-02:55	52.5	47.8	05:50-05:55	59.1	50.1	08:50-08:55	59.1	50.1
20:55-21:00	61.4	49.7	23:55-00:00	55.9	49.4	02:55-03:00	51.9	47.9	05:55-06:00	60.7	51.1	08:55-09:00	60.7	51.1
21:00-21:05	59.2	49.3	00:00-00:05	59.3	48.9	03:00-03:05	56.1	47.4	06:00-06:05	60.9	52.2	09:00-09:05	60.9	52.2
21:05-21:10	60.4	51.3	00:05-00:10	61.0	48.7	03:05-03:10	54.0	48.1	06:05-06:10	63.3	53.6	09:05-09:10	63.3	53.6
21:10-21:15	60.7	50.7	00:10-00:15	60.5	48.7	03:10-03:15	50.9	48.4	06:10-06:15	62.7	53.0	09:10-09:15	62.7	53.0
21:15-21:20	62.6	50.0	00:15-00:20	58.2	47.9	03:15-03:20	53.0	48.2	06:15-06:20	62.7	52.4	09:15-09:20	62.7	52.4
21:20-21:25	59.8	50.5	00:20-00:25	57.7	49.6	03:20-03:25	54.6	47.9	06:20-06:25	62.3	54.6	09:20-09:25	62.3	54.6
21:25-21:30	59.6	49.8	00:25-00:30	58.0	48.3	03:25-03:30	55.1	48.2	06:25-06:30	61.4	54.7	09:25-09:30	61.4	54.7
21:30-21:35	59.2	51.2	00:30-00:35	56.4	48.4	03:30-03:35	56.3	47.8	06:30-06:35	61.8	55.2	09:30-09:35	61.8	55.2
21:35-21:40	59.4	49.5	00:35-00:40	59.6	48.5	03:35-03:40	54.3	48.1	06:35-06:40	62.1	51.6	09:35-09:40	62.1	51.6
21:40-21:45	62.6	49.9	00:40-00:45	55.5	48.1	03:40-03:45	54.8	48.4	06:40-06:45	62.5	54.3	09:40-09:45	62.5	54.3
21:45-21:50	59.9	49.6	00:45-00:50	53.8	48.9	03:45-03:50	58.1	48.6	06:45-06:50	61.5	54.7	09:45-09:50	61.5	54.7
21:50-21:55	60.9	49.3	00:50-00:55	56.0	48.2	03:50-03:55	55.2	48.3	06:50-06:55	63.7	54.6	09:50-09:55	63.7	54.6
21:55-22:00	61.4	48.5	00:55-01:00	57.4	48.6	03:55-04:00	53.2	48.7	06:55-07:00	65.3	54.5	09:55-10:00	65.3	54.5
22:00-22:05	57.5	48.4	01:00-01:05	52.3	47.6	04:00-04:05	53.3	48.3	07:00-07:05	62.0	54.1	10:00-10:05	62.0	54.1
22:05-22:10	60.2	49.5	01:05-01:10	55.2	47.5	04:05-04:10	53.0	48.4	07:05-07:10	64.9	57.1	10:05-10:10	64.9	57.1
22:10-22:15	60.0	48.9	01:10-01:15	57.5	47.6	04:10-04:15	55.8	48.4	07:10-07:15	63.4	53.9	10:10-10:15	63.4	53.9
22:15-22:20	57.8	48.7	01:15-01:20	54.6	47.3	04:15-04:20	50.5	48.1	07:15-07:20	62.7	55.3	10:15-10:20	62.7	55.3
22:20-22:25	60.6	48.7	01:20-01:25	59.2	47.1	04:20-04:25	53.4	48.5	07:20-07:25	62.8	56.1	10:20-10:25	62.8	56.1
22:25-22:30	60.6	49.1	01:25-01:30	53.4	47.4	04:25-04:30	55.3	48.6	07:25-07:30	61.7	55.3	10:25-10:30	61.7	55.3
22:30-22:35	61.9	49.2	01:30-01:35	52.5	48.0	04:30-04:35	56.6	48.4	07:30-07:35	63.0	54.2	10:30-10:35	63.0	54.2
22:35-22:40	62.2	51.5	01:35-01:40	52.5	47.5	04:35-04:40	60.3	49.5	07:35-07:40	65.1	55.6	10:35-10:40	65.1	55.6
22:40-22:45	61.1	51.6	01:40-01:45	56.8	47.2	04:40-04:45	54.8	48.9	07:40-07:45	66.9	56.3	10:40-10:45	66.9	56.3
22:45-22:50	63.8	51.5	01:45-01:50	55.0	47.2	04:45-04:50	58.1	47.4	07:45-07:50	62.9	54.3	10:45-10:50	62.9	54.3
22:50-22:55	63.3	51.8	01:50-01:55	49.6	47.4	04:50-04:55	58.4	48.3	07:50-07:55	64.5	57.4	10:50-10:55	64.5	57.4
22:55-23:00	62.0	51.1	01:55-02:00	54.6	47.6	04:55-05:00	60.3	49.7	07:55-08:00	64.1	56.4	10:55-11:00	64.1	56.4



ANALYSIS REPORT

Customer Name : Klong Luang Utilities Company Limited  
Address : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
Project Name : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
Project Location : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
Measured Source : Ambient Noise  
Measured Point : Common Area of Pak Thang White House Community, Klong Nueng Sub-District, Klong Luang  
GPS. Coordinate : UTM (WG84) 47P 0673743 E, 1550447 N  
Measured Date : April 24, 2024  
Quotation No. : AR2024-00674  
Analysis No. : 2024-AB865-030  
Report No. : 2024-RAA1640  
Report Date : May 14, 2024  
Analyzed By : Environment Research & Technology Co., Ltd.  
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)		
	Leq	L90	L95		Leq	L90	L95		Leq	L90	L95		Leq	L90	L95
08:00-08:05	65.1	59.6	53.1	11:00-11:05	65.0	53.1	49.5	14:00-14:05	56.7	49.5	45.9	17:00-17:05	61.0	50.9	47.3
08:05-08:10	65.8	59.4	52.8	11:05-11:10	69.7	55.8	51.1	14:05-14:10	59.5	49.5	45.9	17:05-17:10	60.5	53.7	50.9
08:10-08:15	65.8	57.2	51.2	11:10-11:15	67.2	54.2	51.1	14:10-14:15	59.5	51.1	47.3	17:10-17:15	65.7	54.2	51.1
08:15-08:20	62.2	57.5	51.2	11:15-11:20	70.2	56.6	51.1	14:15-14:20	60.3	51.5	47.3	17:15-17:20	63.6	53.8	50.9
08:20-08:25	62.1	53.7	45.5	11:20-11:25	65.5	53.3	49.5	14:20-14:25	57.5	50.8	47.3	17:20-17:25	63.7	54.0	50.9
08:25-08:30	61.6	52.2	45.5	11:25-11:30	68.0	53.8	49.5	14:25-14:30	63.1	49.7	45.5	17:25-17:30	63.9	54.8	50.9
08:30-08:35	61.4	53.1	45.5	11:30-11:35	65.3	52.6	49.5	14:30-14:35	57.4	50.8	47.3	17:30-17:35	64.2	54.1	50.9
08:35-08:40	61.3	52.8	45.5	11:35-11:40	65.9	53.2	49.5	14:35-14:40	59.0	51.3	47.3	17:35-17:40	64.8	58.8	50.9
08:40-08:45	61.8	51.6	45.5	11:40-11:45	63.8	52.1	49.5	14:40-14:45	59.2	49.8	47.3	17:40-17:45	63.7	58.5	50.9
08:45-08:50	62.2	53.0	45.5	11:45-11:50	65.2	52.7	49.5	14:45-14:50	61.1	50.4	47.3	17:45-17:50	65.8	57.5	50.9
08:50-08:55	63.0	53.2	45.5	11:50-11:55	63.9	53.0	49.5	14:50-14:55	57.8	49.5	47.3	17:50-17:55	63.3	56.9	50.9
08:55-09:00	62.0	51.7	45.5	11:55-12:00	69.0	54.3	49.5	14:55-15:00	58.5	50.0	47.3	17:55-18:00	65.0	58.2	50.9
09:00-09:05	62.0	52.1	45.5	12:00-12:05	64.9	53.8	49.5	15:00-15:05	62.5	49.3	45.5	18:00-18:05	66.4	59.3	50.9
09:05-09:10	60.6	51.6	45.5	12:05-12:10	60.3	51.0	45.5	15:05-15:10	58.8	50.9	45.5	18:05-18:10	65.1	57.0	45.5
09:10-09:15	58.2	49.9	45.5	12:10-12:15	59.5	50.9	45.5	15:10-15:15	64.9	52.0	45.5	18:10-18:15	67.4	59.9	45.5
09:15-09:20	61.5	51.0	45.5	12:15-12:20	58.4	50.6	45.5	15:15-15:20	58.9	49.1	45.5	18:15-18:20	67.7	61.3	45.5
09:20-09:25	59.4	50.4	45.5	12:20-12:25	62.4	53.0	45.5	15:20-15:25	61.1	49.3	45.5	18:20-18:25	67.0	57.5	45.5
09:25-09:30	60.1	50.9	45.5	12:25-12:30	62.3	49.5	45.5	15:25-15:30	59.8	50.1	45.5	18:25-18:30	63.3	53.6	45.5
09:30-09:35	60.6	54.5	45.5	12:30-12:35	58.3	50.1	45.5	15:30-15:35	61.2	51.5	45.5	18:30-18:35	64.2	56.1	45.5
09:35-09:40	58.5	50.2	45.5	12:35-12:40	63.0	49.6	45.5	15:35-15:40	60.4	50.8	45.5	18:35-18:40	63.0	54.5	45.5
09:40-09:45	61.2	51.0	45.5	12:40-12:45	61.2	49.9	45.5	15:40-15:45	61.7	50.1	45.5	18:40-18:45	64.8	56.2	45.5
09:45-09:50	60.8	50.3	45.5	12:45-12:50	59.6	49.8	45.5	15:45-15:50	60.4	50.3	45.5	18:45-18:50	65.1	56.7	45.5
09:50-09:55	59.5	51.0	45.5	12:50-12:55	59.4	50.3	45.5	15:50-15:55	58.6	50.5	45.5	18:50-18:55	68.1	57.1	45.5
09:55-10:00	59.8	51.5	45.5	12:55-13:00	56.7	49.5	45.5	15:55-16:00	58.3	49.4	45.5	18:55-19:00	67.3	56.2	45.5
10:00-10:05	58.5	50.6	45.5	13:00-13:05	58.5	50.7	45.5	16:00-16:05	63.2	50.1	45.5	19:00-19:05	67.4	57.5	45.5
10:05-10:10	61.1	51.6	45.5	13:05-13:10	62.7	50.1	45.5	16:05-16:10	59.5	49.4	45.5	19:05-19:10	68.1	57.3	45.5
10:10-10:15	60.4	50.5	45.5	13:10-13:15	60.9	48.6	45.5	16:10-16:15	59.2	50.6	45.5	19:10-19:15	65.7	57.6	45.5
10:15-10:20	60.0	51.4	45.5	13:15-13:20	57.3	49.6	45.5	16:15-16:20	57.9	48.8	45.5	19:15-19:20	63.6	56.0	45.5
10:20-10:25	59.5	51.1	45.5	13:20-13:25	57.9	50.4	45.5	16:20-16:25	61.7	50.6	45.5	19:20-19:25	64.5	58.4	45.5
10:25-10:30	59.4	50.4	45.5	13:25-13:30	57.5	49.8	45.5	16:25-16:30	59.6	51.4	45.5	19:25-19:30	66.4	58.8	45.5
10:30-10:35	62.4	51.2	45.5	13:30-13:35	63.7	51.2	45.5	16:30-16:35	62.0	51.4	45.5	19:30-19:35	64.1	57.5	45.5
10:35-10:40	60.8	51.7	45.5	13:35-13:40	56.3	49.8	45.5	16:35-16:40	58.4	51.1	45.5	19:35-19:40	64.5	56.1	45.5
10:40-10:45	59.1	51.5	45.5	13:40-13:45	56.7	49.1	45.5	16:40-16:45	60.5	52.5	45.5	19:40-19:45	67.7	56.3	45.5
10:45-10:50	64.7	53.2	45.5	13:45-13:50	60.6	49.5	45.5	16:45-16:50	61.0	53.3	45.5	19:45-19:50	62.6	55.3	45.5
10:50-10:55	63.6	51.4	45.5	13:50-13:55	64.6	49.7	45.5	16:50-16:55	62.4	52.1	45.5	19:50-19:55	68.0	56.8	45.5
10:55-11:00	64.5	51.3	45.5	13:55-14:00	54.8	48.7	45.5	16:55-17:00	63.0	52.9	45.5	19:55-20:00	64.0	54.2	45.5

ANALYSIS REPORT

Customer Name : Klong Luang Utilities Company Limited  
Address : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
Project Name : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
Project Location : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
Measured Source : Ambient Noise  
Measured Point : Common Area of Pak Thang White House Community, Klong Nueng Sub-District, Klong Luang  
GPS. Coordinate : UTM (WG84) 47P 0673743 E, 1550447 N  
Measured Date : April 24, 2024  
Quotation No. : AR2024-00674  
Analysis No. : 2024-AB865-030  
Report No. : 2024-RAA1640  
Report Date : May 14, 2024  
Analyzed By : Environment Research & Technology Co., Ltd.  
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)							
	Leq	L90	L95		Leq	L90	L95		Leq	L90	L95		Leq	L90	L95					
20:00-20:05	61.3	52.7	23:00-23:05	56.4	50.6	02:00-02:05	53.5	51.7	05:00-05:05	56.5	52.0	20:05-20:10	62.1	53.5	02:05-02:10	54.1	51.3	05:05-05:10	55.9	52.3
20:05-20:10	62.1	53.5	23:05-23:10	58.3	50.7	02:05-02:10	58.6	51.6	05:10-05:15	58.1	52.5	20:10-20:15	63.1	54.6	02:10-02:15	59.3	50.6	05:15-05:20	56.8	52.0
20:10-20:15	61.9	54.6	23:10-23:15	60.6	50.4	02:10-02:15	59.3	50.6	05:20-05:25	56.8	52.7	20:15-20:20	61.9	54.6	02:15-02:20	57.3	50.6	05:25-05:30	57.4	53.0
20:20-20:25	60.9	53.7	23:20-23:25	56.4	50.2	02:20-02:25	57.3	50.6	05:30-05:35	56.3	52.1	20:20-20:25	63.7	53.4	02:20-02:25	58.4	49.8	05:35-05:40	56.3	52.1
20:25-20:30	63.7	53.4	23:25-23:30	62.4	50.4	02:25-02:30	56.7	50.3	05:40-05:45	57.6	52.4	20:30-20:35	62.6	53.5	02:30-02:35	57.5	49.9	05:45-05:50	57.6	52.4
20:35-20:40	62.6	53.5	23:30-23:35	55.9	51.8	02:35-02:40	57.5	49.9	05:50-05:55	58.1	53.4	20:40-20:45	62.8	52.3	02:40-02:45	57.7	50.1	05:55-06:00	60.4	53.5
20:45-20:50	61.0	55.3	23:35-23:40	58.5	51.7	02:45-02:50	61.2	50.1	06:00-06:05	58.7	53.8	20:50-20:55	61.2	55.6	02:50-02:55	53.2	51.0	06:05-06:10	60.4	54.0
20:55-21:00	60.3	54.6	23:40-23:45	55.8	51.4	02:50-02:55	53.2	51.0	06:10-06:15	60.4	54.0	21:00-21:05	61.2	54.3	02:55-03:00	51.6	50.1	06:15-06:20	62.6	54.5
21:00-21:05	61.2	54.3	00:00-00:05	56.2	51.0	03:00-03:05	52.7	50.6	06:20-06:25	58.2	53.7	21:05-21:10	61.1	53.0	03:05-03:10	57.9	50.9	06:25-06:30	62.1	55.6
21:10-21:15	61.9	53.8	00:05-00:10	59.8	51.4	03:05-03:10	57.9	50.9	06:30-06:35	61.7	53.5	21:15-21:20	59.3	54.3	03:10-03:15	52.1	50.4	06:35-06:40	64.3	56.1
21:20-21:25	62.8	54.3	00:10-00:15	56.2	52.8	03:15-03:20	52.4	50.6	06:40-06:45	62.2	55.1	21:25-21:30	58.8	53.0	03:20-03:25	53.3	50.9	06:45-06:50	64.2	54.2
21:30-21:35	59.9	53.7	00:15-00:20	55.7	50.8	03:25-03:30	52.7	50.6	06:50-06:55	63.4	53.4	21:35-21:40	59.9	53.7	03:30-03:35	53.4	50.7	06:55-07:00	62.9	56.3
21:40-21:45	59.8	55.2	00:20-00:25	55.8	50.1	03:30-03:35	53.3	50.9	07:00-07:05	62.4	56.4	21:45-21:50	59.8	55.2	03:35-03:40	54.9	50.1	07:05-07:10	64.1	58.0
21:50-21:55	59.2	52.7	00:25-00:30	55.4	50.5	03:40-03:45	54.9	50.1	07:10-07:15	64.1	58.0	22:00-22:05	59.2	51.5	03:45-03:50	52.8	50.8	07:15-07:20	64.5	57.7
22:00-22:05	59.2	51.5	00:30-00:35	54.6	50.7	03:50-03:55	56.8	51.7	07:20-07:25	65.6	59.0	22:05-22:10	61.3	53.1	03:55-04:00	54.1	50.7	07:25-07:30	66.1	58.4
22:10-22:15	61.7	52.2	00:35-00:40	59.7	50.9	04:00-04:05	53.1	50.9	07:30-07:35	61.9	54.4	22:15-22:20	60.5	51.5	04:05-04:10	54.6	50.8	07:35-07:40	66.1	58.4
22:20-22:25	62.8	51.9	00:40-00:45	55.4	50.4	04:10-04:15	53.6	50.2	07:40-07:45	62.6	56.8	22:25-22:30	60.8	51.6	04:15-04:20	53.2	50.6	07:45-07:50	66.9	61.8
22:30-22:35	60.7	52.0	00:45-00:50	57.1	51.1	04:20-04:25	52.6	50.8	07:50-07:55	62.4	56.4	22:35-22:40	59.7	52.0	04:25-04:30	53.7	51.0	07:55-08:00	65.2	60.3
22:40-22:45	57.4	51.0	00:50-00:55	52.2	50.4	04:30-04:35	54.4	51.0	08:00-08:05	61.9	54.4	22:45-22:50	55.8	50.8	04:35-04:40	56.9	51.3	08:05-08:10	65.7	58.7
22:50-22:55	55.3	51.2	00:55-01:00	53.4	50.7	04:40-04:45	54.3	51.0	08:10-08:15	62.4	56.4	22:55-23:00	60.1	50.9	04:45-04:50	56.1	51.3	08:15-08:20	65.2	60.3
23:00-23:05	60.1	50.9	01:00-01:05	52.4	50.9	04:50-04:55	54.3	51.0	08:20-08:25	62.4	56.4									





## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Common Area of Pak Thang White House Community, Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WG84) 47P 0673743 E, 1550447 N  
**Measured Date** : April 25, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-030  
**Report No.** : 2024-RAAI640  
**Report Date** : May 14, 2024

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Noise Level For 5 minutes, dB(A)
	Leq	L90	L50		Leq	L90	L50		Leq	L90	L50	
08:00-08:05	64.5	57.8	50.1	11:00-11:05	58.1	50.3	44.0	14:00-14:05	59.0	48.0	40.0	55.7
08:05-08:10	68.0	60.0	52.0	11:05-11:10	57.7	50.7	44.0	14:05-14:10	55.8	50.6	44.0	53.1
08:10-08:15	65.4	55.3	47.2	11:10-11:15	67.2	53.5	46.7	14:10-14:15	56.9	46.7	39.0	53.3
08:15-08:20	61.1	53.6	45.9	11:15-11:20	58.4	50.9	44.0	14:15-14:20	60.0	47.2	40.0	54.5
08:20-08:25	62.0	53.0	45.9	11:20-11:25	58.0	51.3	44.0	14:20-14:25	63.1	49.3	40.0	56.5
08:25-08:30	61.0	52.1	45.9	11:25-11:30	67.4	52.8	44.0	14:25-14:30	56.3	45.9	39.0	54.7
08:30-08:35	59.0	51.8	44.0	11:30-11:35	58.8	52.3	44.0	14:30-14:35	55.9	44.9	39.0	52.7
08:35-08:40	61.3	52.5	45.9	11:35-11:40	56.7	49.8	40.0	14:35-14:40	62.7	49.6	40.0	53.8
08:40-08:45	59.0	51.2	44.0	11:40-11:45	58.7	51.8	44.0	14:40-14:45	58.8	49.2	40.0	54.6
08:45-08:50	59.8	51.6	44.0	11:45-11:50	56.9	49.6	40.0	14:45-14:50	61.4	48.1	40.0	57.3
08:50-08:55	60.3	51.3	44.0	11:50-11:55	62.4	50.7	44.0	14:50-14:55	64.5	51.8	44.0	57.3
08:55-09:00	65.1	54.1	44.0	11:55-12:00	63.4	51.3	44.0	14:55-15:00	60.5	51.0	44.0	57.2
09:00-09:05	58.4	50.5	44.0	12:00-12:05	57.2	49.9	40.0	15:00-15:05	64.2	49.7	40.0	58.5
09:05-09:10	59.1	51.4	44.0	12:05-12:10	59.8	49.9	40.0	15:05-15:10	61.7	50.0	44.0	61.9
09:10-09:15	57.6	50.9	44.0	12:10-12:15	58.4	51.4	44.0	15:10-15:15	64.0	50.4	44.0	63.5
09:15-09:20	58.6	50.6	44.0	12:15-12:20	60.3	49.8	40.0	15:15-15:20	61.9	51.0	44.0	54.6
09:20-09:25	58.6	50.0	44.0	12:20-12:25	57.7	50.5	44.0	15:20-15:25	61.2	50.6	44.0	57.4
09:25-09:30	56.2	48.4	40.0	12:25-12:30	62.6	51.3	44.0	15:25-15:30	63.1	51.0	44.0	58.1
09:30-09:35	58.4	50.2	44.0	12:30-12:35	62.2	50.2	44.0	15:30-15:35	59.2	48.9	40.0	54.7
09:35-09:40	58.3	51.8	44.0	12:35-12:40	61.5	48.8	40.0	15:35-15:40	59.9	50.1	44.0	56.6
09:40-09:45	60.3	50.6	44.0	12:40-12:45	57.2	49.1	40.0	15:40-15:45	56.7	49.6	40.0	56.6
09:45-09:50	62.4	51.3	44.0	12:45-12:50	61.1	50.0	44.0	15:45-15:50	60.1	51.6	44.0	57.2
09:50-09:55	68.0	53.5	44.0	12:50-12:55	58.3	48.2	40.0	15:50-15:55	61.6	48.6	40.0	59.3
09:55-10:00	69.2	55.8	44.0	12:55-13:00	62.3	50.1	44.0	15:55-16:00	58.7	49.2	40.0	59.7
10:00-10:05	68.8	54.1	44.0	13:00-13:05	57.8	49.4	40.0	16:00-16:05	59.3	50.0	44.0	59.6
10:05-10:10	58.7	50.9	44.0	13:05-13:10	64.9	50.1	44.0	16:05-16:10	60.2	51.5	44.0	57.3
10:10-10:15	60.0	50.2	44.0	13:10-13:15	58.4	49.4	40.0	16:10-16:15	63.6	51.6	44.0	60.2
10:15-10:20	56.6	49.2	40.0	13:15-13:20	61.4	49.3	40.0	16:15-16:20	61.0	50.5	44.0	58.7
10:20-10:25	59.4	50.0	44.0	13:20-13:25	56.7	48.7	40.0	16:20-16:25	59.1	49.6	40.0	58.2
10:25-10:30	59.8	49.5	40.0	13:25-13:30	61.9	50.7	44.0	16:25-16:30	61.5	50.0	44.0	60.6
10:30-10:35	60.8	51.7	44.0	13:30-13:35	55.4	48.7	40.0	16:30-16:35	60.3	48.9	40.0	57.0
10:35-10:40	58.8	50.3	44.0	13:35-13:40	57.4	48.9	40.0	16:35-16:40	59.7	51.3	44.0	58.8
10:40-10:45	70.0	49.4	40.0	13:40-13:45	56.9	48.2	40.0	16:40-16:45	64.5	51.7	44.0	59.4
10:45-10:50	70.0	54.7	44.0	13:45-13:50	57.2	49.2	40.0	16:45-16:50	65.6	52.3	44.0	61.6
10:50-10:55	62.4	52.6	44.0	13:50-13:55	57.7	48.5	40.0	16:50-16:55	62.3	50.0	44.0	60.5
10:55-11:00	57.4	50.7	44.0	13:55-14:00	60.1	48.4	40.0	16:55-17:00	64.1	54.4	44.0	55.3

## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Common Area of Pak Thang White House Community, Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WG84) 47P 0673743 E, 1550447 N  
**Measured Date** : April 25, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-030  
**Report No.** : 2024-RAAI640  
**Report Date** : May 14, 2024

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Noise Level For 5 minutes, dB(A)
	Leq	L90	L50		Leq	L90	L50		Leq	L90	L50	
20:00-20:05	63.7	52.4	44.0	23:00-23:05	57.6	49.5	42.0	02:00-02:05	53.7	51.3	44.0	49.9
20:05-20:10	61.5	51.3	44.0	23:05-23:10	55.9	49.6	42.0	02:05-02:10	53.9	50.4	44.0	50.0
20:10-20:15	63.9	52.9	44.0	23:10-23:15	58.9	49.6	42.0	02:10-02:15	53.7	49.5	44.0	50.9
20:15-20:20	67.4	53.9	44.0	23:15-23:20	56.5	50.2	44.0	02:15-02:20	53.2	49.1	44.0	52.0
20:20-20:25	65.1	52.5	44.0	23:20-23:25	61.5	50.1	44.0	02:20-02:25	55.9	50.5	44.0	52.3
20:25-20:30	62.3	53.6	44.0	23:25-23:30	58.2	49.1	44.0	02:25-02:30	55.7	50.5	44.0	53.4
20:30-20:35	61.2	53.5	44.0	23:30-23:35	58.2	49.3	44.0	02:30-02:35	52.6	50.3	44.0	53.7
20:35-20:40	61.7	52.4	44.0	23:35-23:40	54.7	49.5	44.0	02:35-02:40	53.3	50.7	44.0	53.3
20:40-20:45	66.1	53.6	44.0	23:40-23:45	60.9	49.2	44.0	02:40-02:45	52.6	50.5	44.0	52.6
20:45-20:50	62.8	54.1	44.0	23:45-23:50	54.9	49.8	44.0	02:45-02:50	55.0	51.2	44.0	52.7
20:50-20:55	62.4	53.4	44.0	23:50-23:55	58.6	49.9	44.0	02:50-02:55	56.2	50.5	44.0	53.1
20:55-21:00	60.6	52.3	44.0	23:55-00:00	58.9	50.2	44.0	02:55-03:00	52.6	50.2	44.0	53.1
21:00-21:05	58.8	51.3	44.0	00:00-00:05	58.4	50.2	44.0	03:00-03:05	51.5	50.4	44.0	54.2
21:05-21:10	58.8	52.2	44.0	00:05-00:10	53.7	49.6	44.0	03:05-03:10	55.1	50.5	44.0	54.2
21:10-21:15	63.0	52.0	44.0	00:10-00:15	53.6	49.7	44.0	03:10-03:15	53.2	49.7	44.0	54.1
21:15-21:20	59.8	53.6	44.0	00:15-00:20	54.0	49.9	44.0	03:15-03:20	53.8	51.1	44.0	54.1
21:20-21:25	60.6	50.6	44.0	00:20-00:25	57.8	50.1	44.0	03:20-03:25	54.9	50.3	44.0	55.5
21:25-21:30	61.2	51.7	44.0	00:25-00:30	58.4	49.5	44.0	03:25-03:30	52.7	50.5	44.0	56.6
21:30-21:35	60.4	51.1	44.0	00:30-00:35	56.9	50.3	44.0	03:30-03:35	51.7	49.6	44.0	56.3
21:35-21:40	61.3	50.9	44.0	00:35-00:40	54.1	49.5	44.0	03:35-03:40	51.8	50.4	44.0	56.5
21:40-21:45	65.8	51.0	44.0	00:40-00:45	57.3	49.8	44.0	03:40-03:45	56.7	51.4	44.0	55.2
21:45-21:50	58.5	50.3	44.0	00:45-00:50	53.2	49.0	44.0	03:45-03:50	54.1	51.0	44.0	56.0
21:50-21:55	60.3	50.7	44.0	00:50-00:55	57.8	49.8	44.0	03:50-03:55	54.5	52.0	44.0	55.6
21:55-22:00	58.8	50.7	44.0	00:55-01:00	57.6	49.2	44.0	03:55-04:00	55.3	51.3	44.0	54.5
22:00-22:05	59.3	49.7	40.0	01:00-01:05	55.3	49.4	44.0	04:00-04:05	58.8	51.3	44.0	54.8
22:05-22:10	63.4	52.3	44.0	01:05-01:10	53.2	49.5	44.0	04:05-04:10	53.1	50.8	44.0	55.3
22:10-22:15	63.2	50.6	44.0	01:10-01:15	52.0	50.2	44.0	04:10-04:15	54.0	50.7	44.0	56.9
22:15-22:20	57.4	50.6	44.0	01:15-01:20	54.5	49.8	44.0	04:15-04:20	53.2	50.2	44.0	56.5
22:20-22:25	61.9	51.1	44.0	01:20-01:25	52.5	49.0	44.0	04:20-04:25	56.3	50.5	44.0	56.7
22:25-22:30	58.5	50.2	44.0	01:25-01:30	54.2	49.1	44.0	04:25-04:30	54.2	50.3	44.0	55.5
22:30-22:35	63.2	50.4	44.0	01:30-01:35	53.9	49.7	44.0	04:30-04:35	54.4	50.2	44.0	54.5
22:35-22:40	62.7	51.6	44.0	01:35-01:40	54.9	50.0	44.0	04:35-04:40	54.0	49.8	44.0	55.1
22:40-22:45	57.7	49.1	40.0	01:40-01:45	53.7	50.6	44.0	04:40-04:45	52.9	50.0	44.0	55.0
22:45-22:50	54.9	49.8	40.0	01:45-01:50	53.1	50.7	44.0	04:45-04:50	56.2	50.1	44.0	54.7
22:50-22:55	60.3	49.1	40.0	01:50-01:55	57.6	50.6	44.0	04:50-04:55	60.6	51.7	44.0	53.6
22:55-23:00	57.2	49.3	40.0	01:55-02:00	54.7	50.7	44.0	04:55-05:00	57.7	50.7	44.0	54.2





## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Common Area of Pak Thang White House Community, Klong Nueng Sub-District, Klong Luang  
**District, Pathum Thani Province** : UTM (WG584) 47° 06'37"43 E, 15°04'47 N  
**Measured Date** : April 26, 2024  
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-030  
**Report No.** : 2024-RAAI640  
**Report Date** : May 14, 2024  
**Analyzed By** :  
**Measured Instrument** : Environment Research & Technology Co., Ltd.  
: Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Noise Level For 5 minutes, dB(A)
	Leq	L90		Leq	L90		Leq	L90	
08:00-08:05	63.8	54.4	11:00-11:05	57.0	50.6	14:00-14:05	60.3	48.8	65.2
08:05-08:10	61.8	53.5	11:05-11:10	59.1	51.0	14:05-14:10	58.6	49.4	63.4
08:10-08:15	60.9	54.5	11:10-11:15	58.0	50.5	14:10-14:15	57.1	49.2	65.7
08:15-08:20	62.3	53.3	11:15-11:20	59.4	49.6	14:15-14:20	60.7	48.5	64.2
08:20-08:25	63.0	54.7	11:20-11:25	62.3	51.9	14:20-14:25	57.0	49.7	62.7
08:25-08:30	62.0	54.0	11:25-11:30	58.5	50.7	14:25-14:30	56.6	49.0	63.5
08:30-08:35	59.9	52.5	11:30-11:35	58.8	49.4	14:30-14:35	60.0	49.1	69.1
08:35-08:40	60.3	52.1	11:35-11:40	56.8	51.6	14:35-14:40	66.0	50.3	69.4
08:40-08:45	58.9	51.6	11:40-11:45	58.8	50.5	14:40-14:45	59.2	51.3	71.6
08:45-08:50	61.7	53.3	11:45-11:50	60.2	53.5	14:45-14:50	57.5	51.1	69.4
08:50-08:55	61.1	53.7	11:50-11:55	59.3	51.2	14:50-14:55	58.7	50.6	69.6
08:55-09:00	62.5	51.7	11:55-12:00	60.8	52.2	14:55-15:00	61.6	49.6	67.9
09:00-09:05	62.2	52.4	12:00-12:05	63.9	52.9	15:00-15:05	63.5	50.2	70.0
09:05-09:10	61.2	53.7	12:05-12:10	61.9	50.5	15:05-15:10	64.4	50.6	73.5
09:10-09:15	63.7	54.0	12:10-12:15	59.3	49.9	15:10-15:15	62.7	52.7	77.8
09:15-09:20	59.4	53.0	12:15-12:20	59.4	49.3	15:15-15:20	59.1	50.1	71.4
09:20-09:25	58.5	52.7	12:20-12:25	61.1	50.8	15:20-15:25	60.5	51.5	68.2
09:25-09:30	59.6	53.1	12:25-12:30	56.8	48.9	15:25-15:30	59.0	50.0	66.7
09:30-09:35	57.4	53.1	12:30-12:35	62.2	51.0	15:30-15:35	64.4	51.2	68.1
09:35-09:40	64.0	54.8	12:35-12:40	58.9	50.8	15:35-15:40	62.4	51.3	66.9
09:40-09:45	59.7	54.1	12:40-12:45	59.1	49.8	15:40-15:45	58.9	50.2	72.2
09:45-09:50	57.7	52.5	12:45-12:50	61.4	49.1	15:45-15:50	61.8	51.5	65.4
09:50-09:55	57.8	51.4	12:50-12:55	63.0	50.3	15:50-15:55	63.9	50.9	69.7
09:55-10:00	58.5	52.4	12:55-13:00	58.9	50.4	15:55-16:00	59.8	50.0	71.4
10:00-10:05	57.5	53.3	13:00-13:05	60.4	49.9	16:00-16:05	61.3	49.6	68.0
10:05-10:10	58.4	51.9	13:05-13:10	59.4	51.5	16:05-16:10	58.5	49.6	69.9
10:10-10:15	58.1	50.8	13:10-13:15	57.5	49.0	16:10-16:15	59.3	50.5	72.5
10:15-10:20	58.5	51.6	13:15-13:20	58.9	49.2	16:15-16:20	58.7	52.1	72.3
10:20-10:25	56.8	50.9	13:20-13:25	58.5	51.5	16:20-16:25	58.1	51.2	72.7
10:25-10:30	58.4	49.7	13:25-13:30	59.6	51.8	16:25-16:30	59.1	50.3	72.9
10:30-10:35	58.7	50.9	13:30-13:35	57.6	49.7	16:30-16:35	62.0	51.9	71.4
10:35-10:40	59.2	50.0	13:35-13:40	59.4	49.3	16:35-16:40	60.3	50.6	70.7
10:40-10:45	58.3	49.7	13:40-13:45	57.5	50.5	16:40-16:45	61.0	50.7	63.2
10:45-10:50	60.6	50.4	13:45-13:50	59.1	49.0	16:45-16:50	66.3	52.1	64.2
10:50-10:55	61.2	54.4	13:50-13:55	58.2	49.8	16:50-16:55	59.6	52.4	60.8
10:55-11:00	57.7	50.8	13:55-14:00	55.5	48.4	16:55-17:00	62.8	53.2	61.7



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Common Area of Pak Thang White House Community, Klong Nueng Sub-District, Klong Luang  
**District, Pathum Thani Province** : UTM (WG584) 47° 06'37"43 E, 15°04'47 N  
**Measured Date** : April 26-27, 2024  
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-030  
**Report No.** : 2024-RAAI640  
**Report Date** : May 14, 2024  
**Analyzed By** :  
**Measured Instrument** : Environment Research & Technology Co., Ltd.  
: Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Noise Level For 5 minutes, dB(A)
	Leq	L90		Leq	L90		Leq	L90	
20:00-20:05	65.3	53.9	23:00-23:05	58.4	51.0	02:00-02:05	52.2	48.9	57.5
20:05-20:10	62.7	54.1	23:05-23:10	55.2	50.5	02:05-02:10	58.5	49.3	55.0
20:10-20:15	63.5	53.7	23:10-23:15	57.9	50.7	02:10-02:15	55.4	48.7	55.2
20:15-20:20	63.5	54.1	23:15-23:20	56.2	50.5	02:15-02:20	55.8	48.6	58.4
20:20-20:25	62.3	53.5	23:20-23:25	54.5	50.6	02:20-02:25	52.0	48.4	56.1
20:25-20:30	63.7	52.8	23:25-23:30	58.6	50.2	02:25-02:30	52.9	48.6	55.2
20:30-20:35	65.9	53.9	23:30-23:35	57.1	50.6	02:30-02:35	51.8	49.0	56.3
20:35-20:40	63.2	53.7	23:35-23:40	57.3	50.0	02:35-02:40	52.5	49.2	55.9
20:40-20:45	62.9	54.5	23:40-23:45	60.3	49.1	02:40-02:45	50.5	48.7	59.4
20:45-20:50	62.5	54.8	23:45-23:50	60.0	50.1	02:45-02:50	54.7	49.1	58.2
20:50-20:55	63.9	54.7	23:50-23:55	56.5	50.4	02:50-02:55	50.8	48.9	58.7
20:55-21:00	64.5	54.6	23:55-00:00	58.1	50.2	02:55-03:00	51.7	48.9	57.9
21:00-21:05	63.9	53.0	00:00-00:05	58.0	51.2	03:00-03:05	54.1	48.9	57.8
21:05-21:10	65.1	52.6	00:05-00:10	59.0	50.7	03:05-03:10	54.2	48.9	59.0
21:10-21:15	62.2	52.6	00:10-00:15	56.4	49.5	03:10-03:15	53.1	48.4	59.7
21:15-21:20	62.3	53.2	00:15-00:20	56.0	50.5	03:15-03:20	54.3	49.0	61.2
21:20-21:25	63.8	52.5	00:20-00:25	56.2	50.1	03:20-03:25	54.6	49.3	60.3
21:25-21:30	63.1	52.0	00:25-00:30	57.8	50.2	03:25-03:30	51.4	49.2	61.9
21:30-21:35	60.4	51.5	00:30-00:35	56.8	50.3	03:30-03:35	52.2	49.8	59.5
21:35-21:40	64.7	52.5	00:35-00:40	57.0	49.7	03:35-03:40	51.7	48.9	62.3
21:40-21:45	63.9	53.4	00:40-00:45	59.1	48.9	03:40-03:45	52.3	49.2	62.5
21:45-21:50	63.8	52.8	00:45-00:50	53.3	48.8	03:45-03:50	53.3	49.2	63.2
21:50-21:55	63.9	52.6	00:50-00:55	59.3	49.5	03:50-03:55	52.5	50.2	60.4
21:55-22:00	61.0	52.1	00:55-01:00	54.9	48.8	03:55-04:00	50.8	49.2	61.0
22:00-22:05	62.2	53.8	01:00-01:05	54.3	48.6	04:00-04:05	51.5	49.5	60.1
22:05-22:10	60.7	52.4	01:05-01:10	54.4	49.2	04:05-04:10	54.7	49.4	54.0
22:10-22:15	61.4	51.4	01:10-01:15	54.2	48.8	04:10-04:15	51.6	49.4	61.5
22:15-22:20	59.0	51.7	01:15-01:20	58.9	49.9	04:15-04:20	56.1	51.0	64.8
22:20-22:25	56.9	51.6	01:20-01:25	55.8	49.3	04:20-04:25	53.0	50.2	63.4
22:25-22:30	57.7	50.7	01:25-01:30	55.7	52.6	04:25-04:30	55.5	50.0	63.1
22:30-22:35	59.0	50.6	01:30-01:35	56.4	50.2	04:30-04:35	60.4	50.9	52.9
22:35-22:40	56.1	50.0	01:35-01:40	59.8	51.4	04:35-04:40	57.3	49.6	62.7
22:40-22:45	59.2	50.4	01:40-01:45	51.9	49.3	04:40-04:45	54.7	49.9	53.6
22:45-22:50	55.8	50.6	01:45-01:50	52.9	49.6	04:45-04:50	56.8	51.0	61.6
22:50-22:55	54.6	50.0	01:50-01:55	52.0	49.2	04:50-04:55	56.1	52.2	66.0
22:55-23:00	60.7	50.6	01:55-02:00	51.8	49.1	04:55-05:00	54.4	50.8	66.0





## ANALYSIS REPORT

Customer Name	:Klong Luang Utilities Company Limited
Address	:222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10
Project Name	:Electricity and Steam Generating Cogeneration, Pathumthani Provinces Project
Project Location	:1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani
Measured Source	:Ambient Noise
Measured Point	:Common Area of Pak Thang White House Community, Khlong Nueng Sub-District, Pathum Thani Province
GPS. Coordinate	:UTM (WG564) 47P 0637493 E, 350447 N
Measured Date	:April 27-28, 2024
Measured By	: [REDACTED]
Analyzed By	:Environment Research & Technology Co., Ltd.
Measured Instrument	:Integrating Sound Level Meter Scairet Tech Model ST-21D Serial Number 820456

Noise Level For 5 minutes, dB(A)			Interval Time			Noise Level For 5 minutes, dB(A)			Interval Time			Noise Level For 5 minutes, dB(A)			Interval Time		
Leq	L90	L95	Leq	L90	L95	Leq	L90	L95	Leq	L90	L95	Leq	L90	L95	Leq	L90	L95
20:00-20:05	64.5	54.7	23:00-23:05	50.3	50.9	02:00-02:05	52.7	50.0	05:00-05:05	57.7	52.2	06:00-06:05	57.7	52.2	07:00-07:05	61.8	54.2
20:05-20:10	63.7	54.4	23:05-23:10	54.6	50.4	02:05-02:10	52.6	50.3	05:05-05:10	56.9	52.5	06:05-06:10	56.9	52.5	07:05-07:10	62.7	55.0
20:10-20:15	61.4	53.3	23:10-23:15	60.7	51.0	02:10-02:15	54.5	49.4	05:10-05:15	57.3	52.7	06:10-06:15	57.3	52.7	07:10-07:15	66.5	56.6
20:15-20:20	58.7	52.2	23:15-23:20	56.2	50.9	02:15-02:20	54.4	50.3	05:15-05:20	57.3	52.7	06:15-06:20	57.3	52.7	07:15-07:20	65.4	56.1
20:20-20:25	63.7	54.3	23:20-23:25	59.9	50.5	02:20-02:25	52.8	50.8	05:20-05:25	65.5	54.9	06:20-06:25	65.5	54.9	07:20-07:25	68.6	56.6
20:25-20:30	60.3	52.9	23:25-23:30	57.2	51.1	02:25-02:30	52.2	49.3	05:25-05:30	61.6	55.1	06:25-06:30	61.6	55.1	07:25-07:30	65.7	57.0
20:30-20:35	60.9	54.8	23:30-23:35	57.4	51.0	02:30-02:35	52.6	48.8	05:30-05:35	63.1	54.7	06:30-06:35	63.1	54.7	07:30-07:35	62.8	55.9
20:35-20:40	59.7	52.9	23:35-23:40	54.9	50.4	02:35-02:40	50.9	49.1	05:35-05:40	66.2	53.5	06:35-06:40	66.2	53.5	07:35-07:40	63.9	56.3
20:40-20:45	61.1	54.1	23:40-23:45	58.8	51.7	02:40-02:45	51.0	49.1	05:40-05:45	73.4	63.7	06:40-06:45	73.4	63.7	07:40-07:45	71.6	71.6
20:45-20:50	60.6	53.5	23:45-23:50	56.2	50.3	02:45-02:50	52.3	50.1	05:45-05:50	71.6	63.4	06:45-06:50	71.6	63.4	07:45-07:50	76.5	62.8
20:50-20:55	59.7	52.5	23:50-23:55	59.2	50.3	02:50-02:55	51.6	50.0	05:50-05:55	73.9	64.7	06:50-06:55	73.9	64.7	07:50-07:55	76.1	63.3
20:55-21:00	59.7	51.0	23:55-00:00	55.5	50.3	02:55-03:00	52.4	50.0	05:55-06:00	73.3	65.1	06:55-07:00	73.3	65.1	07:55-08:00	76.5	62.8
21:00-21:05	57.0	50.5	00:00-00:05	55.1	50.3	03:00-03:05	53.4	50.2	06:00-06:05	73.4	62.6	07:00-07:05	73.4	62.6	08:00-08:05	73.4	62.6
21:05-21:10	58.2	52.9	00:05-00:10	55.6	52.9	03:05-03:10	52.3	50.1	06:05-06:10	73.1	66.2	07:05-07:10	73.1	66.2	08:05-08:10	73.1	66.2
21:10-21:15	58.0	51.6	00:10-00:15	55.6	52.7	03:10-03:15	51.9	50.0	06:10-06:15	71.0	65.2	07:10-07:15	71.0	65.2	08:10-08:15	71.0	65.2
21:15-21:20	58.2	53.1	00:15-00:20	56.4	52.2	03:15-03:20	51.5	49.9	06:15-06:20	71.0	64.3	07:15-07:20	71.0	64.3	08:15-08:20	71.0	64.3
21:20-21:25	58.5	52.4	00:20-00:25	56.7	52.1	03:20-03:25	51.5	49.5	06:20-06:25	72.3	65.5	07:20-07:25	72.3	65.5	08:20-08:25	72.3	65.5
21:25-21:30	58.3	51.5	00:25-00:30	55.5	52.1	03:25-03:30	53.6	50.5	06:25-06:30	73.9	64.4	07:25-07:30	73.9	64.4	08:25-08:30	73.9	64.4
21:30-21:35	59.6	51.8	00:30-00:35	56.0	49.8	03:30-03:35	53.6	50.3	06:30-06:35	71.0	61.1	07:30-07:35	71.0	61.1	08:30-08:35	71.0	61.1
21:35-21:40	61.0	52.9	00:35-00:40	55.5	49.5	03:35-03:40	56.3	50.9	06:35-06:40	70.9	62.6	07:35-07:40	70.9	62.6	08:35-08:40	70.9	62.6
21:40-21:45	59.7	53.1	00:40-00:45	55.1	49.9	03:40-03:45	54.9	50.9	06:40-06:45	64.7	57.9	07:40-07:45	64.7	57.9	08:40-08:45	64.7	57.9
21:45-21:50	59.2	52.3	00:45-00:50	54.5	49.2	03:45-03:50	54.1	51.0	06:45-06:50	65.0	53.8	07:45-07:50	65.0	53.8	08:45-08:50	65.0	53.8
21:50-21:55	60.9	51.7	00:50-00:55	55.7	49.6	03:50-03:55	53.8	50.5	06:50-06:55	61.5	53.4	07:50-07:55	61.5	53.4	08:50-08:55	61.5	53.4
21:55-22:00	59.9	51.7	00:55-01:00	55.0	49.5	03:55-04:00	54.6	50.7	06:55-07:00	66.9	56.4	07:55-08:00	66.9	56.4	08:55-09:00	66.9	56.4
22:00-22:05	60.4	51.4	01:00-01:05	55.2	50.2	04:00-04:05	52.9	50.7	07:00-07:05	61.8	54.2	08:00-08:05	61.8	54.2	09:00-09:05	61.8	54.2
22:05-22:10	57.7	52.0	01:05-01:10	56.6	49.2	04:05-04:10	52.7	50.4	07:05-07:10	62.7	55.0	08:05-08:10	62.7	55.0	09:05-09:10	62.7	55.0
22:10-22:15	56.1	51.0	01:10-01:15	55.1	49.7	04:10-04:15	51.9	50.5	07:10-07:15	66.5	56.6	08:10-08:15	66.5	56.6	09:10-09:15	66.5	56.6
22:15-22:20	59.6	51.1	01:15-01:20	53.4	49.3	04:15-04:20	53.0	51.0	07:15-07:20	65.4	56.1	08:15-08:20	65.4	56.1	09:15-09:20	65.4	56.1
22:20-22:25	57.1	51.2	01:20-01:25	52.6	49.8	04:20-04:25	53.9	50.9	07:20-07:25	68.6	56.6	08:20-08:25	68.6	56.6	09:20-09:25	68.6	56.6
22:25-22:30	56.1	50.6	01:25-01:30	58.4	50.3	04:25-04:30	53.7	50.4	07:25-07:30	65.7	57.0	08:25-08:30	65.7	57.0	09:25-09:30	65.7	57.0
22:30-22:35	58.4	52.5	01:30-01:35	54.2	50.8	04:30-04:35	54.7	50.8	07:30-07:35	65.3	57.5	08:30-08:35	65.3	57.5	09:30-09:35	65.3	57.5
22:35-22:40	56.7	50.5	01:35-01:40	52.7	50.6	04:35-04:40	58.0	50.5	07:35-07:40	62.8	55.9	08:35-08:40	62.8	55.9	09:35-09:40	62.8	55.9
22:40-22:45	60.5	51.5	01:40-01:45	54.9	51.0	04:40-04:45	54.8	51.0	07:40-07:45	63.9	56.3	08:40-08:45	63.9	56.3	09:40-09:45	63.9	56.3
22:45-22:50	56.1	50.2	01:45-01:50	57.0	50.6	04:45-04:50	54.8	51.2	07:45-07:50	71.6	71.6	08:45-08:50	71.6	71.6	09:45-09:50	71.6	71.6
22:50-22:55	55.2	50.5	01:50-01:55	52.2	50.2	04:50-04:55	57.1	51.8	07:50-07:55	76.1	63.3	08:50-08:55	76.1	63.3	09:50-09:55	76.1	63.3
22:55-23:00	61.2	51.9	01:55-02:00	56.2	50.8	04:55-05:00	55.9	51.8	07:55-08:00	76.5	62.8	08:55-09:00	76.5	62.8	09:55-10:00	76.5	62.8



## ANALYSIS REPORT

Customer Name	:Klong Luang Utilities Company Limited		
Address	:222 Eco Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210		
Project Name	:Electricity and Steam Generating Cogeneration, Pathumthani Province Project		
Project Location	:1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani		
Measured Source	:Ambient Noise		
Measured Point	:Common Area of Pak Thang White House Community, Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province		
GPS Coordinate	:UTM (WGS84) 47P 0675743 E, 1550447 N		
Measured Date	:April 27, 2024		
Measured By	:██████████		
Analyzed By	:Environment Research & Technology Co., Ltd.		
Measured Instrument	:Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456		

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time			Noise Level For 5 minutes, dB(A)			Interval Time			Noise Level For 5 minutes, dB(A)		
	L90	L50	L90	L90	L50	L90	L90	L50	L90	L90	L50	L90	L90	L50	
08:00-08:05	64.0	56.0	11:00-11:05	50.4	53.7	14:00-14:05	56.6	50.8	17:00-17:05	63.0	54.9				
08:05-08:10	68.0	59.7	11:05-11:10	59.2	54.1	14:05-14:10	60.5	51.5	17:05-17:10	62.1	55.6				
08:10-08:15	69.2	58.3	11:10-11:15	61.0	53.1	14:10-14:15	57.2	53.2	17:10-17:15	66.0	58.3				
08:15-08:20	59.3	52.7	11:15-11:20	64.2	54.0	14:15-14:20	56.8	50.2	17:15-17:20	64.4	57.3				
08:20-08:25	61.7	53.8	11:20-11:25	61.9	52.4	14:20-14:25	58.5	51.5	17:20-17:25	65.4	57.9				
08:25-08:30	59.4	52.7	11:25-11:30	60.4	54.3	14:25-14:30	61.2	50.7	17:25-17:30	68.3	59.6				
08:30-08:35	59.8	53.8	11:30-11:35	61.1	53.6	14:30-14:35	62.0	51.4	17:30-17:35	69.9	58.5				
08:35-08:40	61.7	53.1	11:35-11:40	58.7	53.1	14:35-14:40	57.3	51.3	17:35-17:40	67.2	59.0				
08:40-08:45	60.6	53.1	11:40-11:45	64.2	52.9	14:40-14:45	59.1	51.9	17:40-17:45	66.2	57.9				
08:45-08:50	62.6	54.1	11:45-11:50	61.4	52.5	14:45-14:50	59.2	51.2	17:45-17:50	65.1	57.9				
08:50-08:55	60.5	54.0	11:50-11:55	58.1	52.9	14:50-14:55	57.9	51.1	17:50-17:55	68.6	59.1				
08:55-09:00	62.4	52.7	11:55-12:00	58.4	52.9	14:55-15:00	55.9	51.2	17:55-18:00	68.3	60.7				
09:00-09:05	63.0	53.1	12:00-12:05	60.1	53.2	15:00-15:05	62.9	50.9	18:00-18:05	68.4	61.1				
09:05-09:10	58.9	52.9	12:10-12:15	59.4	52.1	15:05-15:10	59.8	52.6	18:05-18:10	70.8	64.0				
09:10-09:15	60.9	53.9	12:15-12:20	59.9	51.0	15:10-15:15	60.0	52.6	18:10-18:15	73.4	65.9				
09:15-09:20	62.7	54.4	12:15-12:20	59.1	52.0	15:15-15:20	58.1	52.2	18:15-18:20	70.0	60.3				
09:20-09:25	61.9	55.6	12:20-12:25	58.4	51.2	15:20-15:25	59.1	51.6	18:20-18:25	66.0	57.1				
09:25-09:30	62.1	55.3	12:25-12:30	57.7	51.4	15:25-15:30	59.6	52.2	18:25-18:30	68.6	58.2				
09:30-09:35	60.3	53.6	12:30-12:35	57.4	51.4	15:30-15:35	58.6	52.7	18:30-18:35	70.4	58.1				
09:35-09:40	60.6	53.3	12:35-12:40	62.0	50.7	15:35-15:40	60.6	53.2	18:35-18:40	67.0	57.6				
09:40-09:45	62.2	54.2	12:40-12:45	63.8	51.1	15:40-15:45	64.0	55.5	18:40-18:45	65.7	54.2				
09:45-09:50	64.4	55.0	12:45-12:50	58.2	52.2	15:45-15:50	66.0	54.4	18:45-18:50	65.4	59.3				
09:50-09:55	67.9	58.0	12:50-12:55	59.5	51.5	15:50-15:55	59.8	52.5	18:50-18:55	68.1	59.8				
09:55-10:00	63.9	54.4	12:55-13:00	58.3	52.4	15:55-16:00	60.2	53.4	18:55-19:00	70.2	60.0				
10:00-10:05	66.1	56.3	13:00-13:05	58.1	51.4	16:00-16:05	57.8	52.4	19:00-19:05	70.4	63.0				
10:05-10:10	64.9	55.4	13:05-13:10	56.5	51.0	16:05-16:10	60.0	53.4	19:05-19:10	70.7	62.3				
10:10-10:15	64.4	55.4	13:10-13:15	58.0	52.8	16:10-16:15	60.7	51.7	19:10-19:15	70.4	65.1				
10:15-10:20	61.6	54.1	13:15-13:20	58.7	51.8	16:15-16:20	60.1	52.6	19:15-19:20	69.4	60.0				
10:20-10:25	62.0	54.7	13:20-13:25	58.9	51.4	16:20-16:25	59.4	52.9	19:20-19:25	65.6	57.5				
10:25-10:30	61.6	53.8	13:25-13:30	60.2	51.2	16:25-16:30	61.9	53.0	19:25-19:30	67.9	58.9				
10:30-10:35	59.6	53.0	13:30-13:35	60.9	52.0	16:30-16:35	63.4	53.6	19:30-19:35	66.5	57.4				
10:35-10:40	60.7	53.1	13:35-13:40	56.5	50.8	16:35-16:40	61.2	53.9	19:35-19:40	62.4	55.2				
10:40-10:45	59.2	53.4	13:40-13:45	56.8	51.0	16:40-16:45	61.6	52.2	19:40-19:45	60.6	53.4				
10:45-10:50	57.6	52.1	13:45-13:50	57.4	50.2	16:45-16:50	66.0	56.6	19:45-19:50	60.6	52.6				
10:50-10:55	60.2	53.9	13:50-13:55	56.9	50.1	16:50-16:55	65.1	56.4	19:50-19:55	61.0	53.3				
10:55-11:00	60.7	53.9	13:55-14:00	57.0	50.0	16:55-17:00	64.9	56.9	19:55-20:00	62.3	53.7				



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited

**Address** : 222 EGO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210

**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project

**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani

**Measured Source** : Ambient Noise

**Measured Point** : Common Area of Pak Thang White House Community, Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province

**GPS. Coordinate** : UTM (WG84) 47P 0673743 E, 1550447 N

**Measured Date** : April 28, 2024

**Measured By** : [REDACTED]

**Analyzed By** : Environment Research & Technology Co., Ltd.

**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

**Quotation No.** : AR2024-00674

**Analysis No.** : 2024-AB865-030

**Report No.** : 2024-RAAI640

**Report Date** : May 14, 2024

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)		
	Leq	L90	L50		Leq	L90	L50		Leq	L90	L50
08:00-08:05	75.0	72.7	71.0	11:00-11:05	76.3	72.7	71.0	14:00-14:05	66.7	62.0	61.2
08:05-08:10	78.0	70.5	71.0	11:05-11:10	75.7	72.0	71.0	14:05-14:10	66.1	61.1	60.3
08:10-08:15	76.0	72.9	71.0	11:10-11:15	73.8	70.0	70.0	14:10-14:15	65.0	61.2	61.5
08:15-08:20	75.0	71.1	71.0	11:15-11:20	73.9	68.6	68.6	14:15-14:20	65.6	62.2	60.6
08:20-08:25	77.6	70.7	71.0	11:20-11:25	74.8	69.8	69.8	14:20-14:25	65.0	62.5	60.5
08:25-08:30	71.0	62.3	71.0	11:25-11:30	75.4	66.3	66.3	14:25-14:30	66.1	61.6	61.6
08:30-08:35	72.0	65.9	71.0	11:30-11:35	75.7	66.8	66.8	14:30-14:35	66.4	61.5	61.5
08:35-08:40	80.1	71.8	71.0	11:35-11:40	76.1	67.2	67.2	14:35-14:40	66.0	62.7	61.7
08:40-08:45	74.0	64.9	71.0	11:40-11:45	76.7	67.6	67.6	14:40-14:45	65.2	62.3	62.3
08:45-08:50	78.3	68.9	71.0	11:45-11:50	73.7	65.3	65.3	14:45-14:50	66.3	62.7	61.7
08:50-08:55	78.9	70.9	71.0	11:50-11:55	76.3	66.8	66.8	14:50-14:55	68.7	62.5	61.7
08:55-09:00	74.5	70.1	71.0	11:55-12:00	75.4	66.9	66.9	14:55-15:00	68.1	63.9	61.7
09:00-09:05	71.0	67.5	71.0	12:00-12:05	75.9	67.1	67.1	15:00-15:05	67.2	64.4	62.2
09:05-09:10	73.0	67.3	71.0	12:05-12:10	75.8	67.1	67.1	15:05-15:10	66.2	62.6	61.7
09:10-09:15	75.4	65.7	71.0	12:10-12:15	75.1	66.3	66.3	15:10-15:15	68.7	64.7	61.7
09:15-09:20	73.9	69.7	71.0	12:15-12:20	75.1	66.4	66.4	15:15-15:20	65.8	61.5	61.5
09:20-09:25	74.9	70.2	71.0	12:20-12:25	74.4	65.4	65.4	15:20-15:25	66.4	62.3	61.1
09:25-09:30	72.0	69.0	71.0	12:25-12:30	75.0	66.5	66.5	15:25-15:30	65.8	60.4	61.1
09:30-09:35	73.0	67.6	71.0	12:30-12:35	68.4	63.4	63.4	15:30-15:35	69.7	63.3	63.5
09:35-09:40	71.0	63.1	71.0	12:35-12:40	64.7	56.0	56.0	15:35-15:40	67.3	62.5	61.7
09:40-09:45	72.0	63.9	71.0	12:40-12:45	62.8	58.6	58.6	15:40-15:45	69.5	61.7	61.7
09:45-09:50	73.0	69.4	71.0	12:45-12:50	65.4	59.7	59.7	15:45-15:50	70.8	67.7	61.7
09:50-09:55	78.8	69.9	71.0	12:50-12:55	65.3	59.3	59.3	15:50-15:55	71.7	66.7	61.7
09:55-10:00	78.7	70.2	71.0	12:55-13:00	65.0	57.5	57.5	15:55-16:00	68.0	62.0	61.7
10:00-10:05	79.4	71.1	71.0	13:00-13:05	69.0	60.6	60.6	16:00-16:05	71.8	69.6	61.7
10:05-10:10	70.8	68.0	71.0	13:05-13:10	68.5	62.1	62.1	16:05-16:10	67.4	60.7	61.7
10:10-10:15	73.3	69.3	71.0	13:10-13:15	69.8	62.8	62.8	16:10-16:15	67.0	61.3	61.7
10:15-10:20	72.0	68.0	71.0	13:15-13:20	66.1	63.1	63.1	16:15-16:20	66.0	60.7	61.7
10:20-10:25	73.7	67.6	71.0	13:20-13:25	66.3	62.6	62.6	16:20-16:25	66.9	59.2	61.7
10:25-10:30	76.3	69.3	71.0	13:25-13:30	67.5	62.9	62.9	16:25-16:30	64.7	53.3	61.7
10:30-10:35	75.1	70.6	71.0	13:30-13:35	65.9	62.4	62.4	16:30-16:35	60.7	52.4	61.7
10:35-10:40	78.0	69.8	71.0	13:35-13:40	68.8	62.6	62.6	16:35-16:40	59.4	52.3	61.7
10:40-10:45	75.3	71.3	71.0	13:40-13:45	67.4	63.0	63.0	16:40-16:45	65.7	55.4	61.7
10:45-10:50	76.8	68.3	71.0	13:45-13:50	65.5	62.6	62.6	16:45-16:50	58.7	51.9	61.7
10:50-10:55	77.3	68.0	71.0	13:50-13:55	65.3	60.1	60.1	16:50-16:55	58.8	50.3	61.7
10:55-11:00	73.0	70.0	71.0	13:55-14:00	65.4	60.2	60.2	16:55-17:00	59.6	53.4	61.7

## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited

**Address** : 222 EGO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210

**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project

**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani

**Measured Source** : Ambient Noise

**Measured Point** : Common Area of Pak Thang White House Community, Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province

**GPS. Coordinate** : UTM (WG84) 47P 0673743 E, 1550447 N

**Measured Date** : April 28-29, 2024

**Measured By** : [REDACTED]

**Analyzed By** : Environment Research & Technology Co., Ltd.

**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

**Quotation No.** : AR2024-00674

**Analysis No.** : 2024-AB865-030

**Report No.** : 2024-RAAI640

**Report Date** : May 14, 2024

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)		
	Leq	L90	L50		Leq	L90	L50		Leq	L90	L50
20:00-20:05	60.3	53.0	53.0	23:00-23:05	57.4	50.1	50.1	02:00-02:05	60.6	49.4	49.4
20:05-20:10	63.9	54.8	50.9	23:05-23:10	57.4	50.9	50.9	02:05-02:10	53.9	48.5	48.5
20:10-20:15	61.1	52.9	50.9	23:15-23:20	58.6	50.4	50.4	02:10-02:15	55.8	48.8	48.8
20:15-20:20	61.1	52.1	50.9	23:20-23:25	58.4	50.5	50.5	02:15-02:20	54.5	48.9	48.9
20:20-20:25	61.2	53.9	51.1	23:25-23:30	62.3	51.1	51.1	02:20-02:25	53.3	48.9	48.9
20:25-20:30	65.1	53.7	50.9	23:30-23:35	57.7	50.5	50.5	02:25-02:30	51.1	48.6	48.6
20:30-20:35	61.6	50.2	50.9	23:35-23:40	54.7	50.4	50.4	02:30-02:35	52.3	48.7	48.7
20:35-20:40	63.1	50.6	50.9	23:40-23:45	56.4	50.1	50.1	02:35-02:40	53.9	49.1	49.1
20:40-20:45	58.7	49.3	50.9	23:45-23:50	60.7	50.2	50.2	02:40-02:45	52.9	49.7	49.7
20:45-20:50	62.0	50.5	50.9	23:50-23:55	55.2	50.2	50.2	02:45-02:50	53.2	50.1	50.1
20:50-20:55	57.3	51.0	50.9	23:55-00:00	55.0	49.5	49.5	02:50-02:55	52.7	50.1	50.1
20:55-21:00	58.1	51.7	50.9	00:00-00:05	55.0	49.5	49.5	02:55-03:00	50.9	49.7	49.7
21:00-21:05	58.8	50.7	50.9	00:05-00:10	53.4	49.7	49.7	03:00-03:05	51.4	50.4	50.4
21:05-21:10	61.1	51.4	50.9	00:10-00:15	58.9	50.5	50.5	03:05-03:10	56.5	50.7	50.7
21:10-21:15	60.3	52.0	50.9	00:15-00:20	55.0	49.9	49.9	03:10-03:15	52.6	50.4	50.4
21:15-21:20	60.6	52.1	50.9	00:20-00:25	55.0	49.9	49.9	03:15-03:20	53.0	50.0	50.0
21:20-21:25	57.0	51.5	50.9	00:25-00:30	56.1	49.4	49.4	03:20-03:25	54.2	49.5	49.5
21:25-21:30	61.2	52.7	50.9	00:30-00:35	56.7	49.8	49.8	03:25-03:30	53.4	50.1	50.1
21:30-21:35	59.2	52.2	50.9	00:35-00:40	51.5	49.0	49.0	03:30-03:35	53.1	50.1	50.1
21:35-21:40	61.2	51.3	50.9	00:40-00:45	54.3	49.2	49.2	03:35-03:40	51.0	49.9	49.9
21:40-21:45	59.0	50.6	50.9	00:45-00:50	55.2	49.7	49.7	03:40-03:45	51.9	50.0	50.0
21:45-21:50	58.1	51.0	50.9	00:50-00:55	56.9	49.4	49.4	03:45-03:50	53.3	50.0	50.0
21:50-21:55	60.8	50.6	50.9	00:55-01:00	51.9	49.4	49.4	03:50-03:55	51.5	50.2	50.2
21:55-22:00	60.0	54.1	50.9	01:00-01:05	57.3	49.8	49.8	03:55-04:00	52.3	49.9	49.9
22:00-22:05	61.2	54.4	50.9	01:05-01:10	54.5	49.6	49.6	04:00-04:05	51.5	50.2	50.2
22:05-22:10	62.2	52.3	50.9	01:10-01:15	54.6	50.1	50.1	04:05-04:10	57.7	50.9	50.9
22:10-22:15	59.1	50.4	50.9	01:15-01:20	52.1	50.1	50.1	04:10-04:15	61.3	54.7	50.1
22:15-22:20	63.1	51.6	50.9	01:20-01:25	52.9	49.1	49.1	04:15-04:20	57.2	56.1	50.1
22:20-22:25	62.3	51.4	50.9	01:25-01:30	54.0	48.5	48.5	04:20-04:25	53.5	50.1	50.1
22:25-22:30	58.0	51.0	50.9	01:30-01:35	54.1	49.1	49.1	04:25-04:30	52.1	50.0	50.0
22:30-22:35	57.8	50.2	50.9	01:35-01:40	56.7	49.8	49.8	04:30-04:35	56.3	50.7	50.7
22:35-22:40	57.3	50.6	50.9	01:40-01:45	54.3	48.6	48.6	04:35-04:40	57.1	50.6	50.6
22:40-22:45	61.1	50.8	50.9	01:45-01:50	52.8	48.2	48.2	04:40-04:45	54.4	50.6	50.6
22:45-22:50	56.8	50.3	50.9	01:50-01:55	53.6	48.9	48.9	04:45-04:50	57.5	50.9	50.9
22:50-22:55	54.2	48.8	50.9	01:55-02:00	52.6	48.6	48.6	04:50-04:55	57.5	50.8	50.8
22:55-23:00	56.8	50.5	50.9	02:00-02:05	52.6	48.6	48.6	04:55-05:00	60.5	50.6	50.6



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Common Area of Pak Thang White House Community, Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WG504) 47P 0673743 E, 1550447 N  
**Measured Date** : April 29, 2024  
**Measured By** : XXXXXXXXXX  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-030  
**Report No.** : 2024-RAAI640  
**Report Date** : May 14, 2024

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Noise Level For 5 minutes, dB(A)	Leq	L90
	Leq	L90	L95		Leq	L90	L95		Leq	L90	L95			
20:00-20:05	67.1	56.2	23:00-23:05	53.6	49.3	02:00-02:05	51.0	48.9	05:00-05:05	56.6	50.4	56.6	50.4	50.4
20:05-20:10	65.7	54.5	23:05-23:10	58.1	50.3	02:05-02:10	52.5	49.4	05:05-05:10	56.1	50.5	56.1	50.5	50.5
20:10-20:15	61.8	52.6	23:15-23:20	56.5	50.7	02:10-02:15	55.2	49.5	05:10-05:15	55.2	50.8	55.2	50.8	50.8
20:15-20:20	64.0	53.8	23:20-23:25	56.8	51.0	02:15-02:20	54.8	50.6	05:15-05:20	54.8	51.5	54.8	51.5	51.5
20:20-20:25	60.7	52.5	23:25-23:30	56.0	50.3	02:20-02:25	53.7	51.1	05:20-05:25	57.1	52.5	57.1	52.5	52.5
20:25-20:30	63.9	54.1	23:30-23:35	57.2	50.4	02:25-02:30	53.0	50.1	05:25-05:30	56.6	51.8	56.6	51.8	51.8
20:30-20:35	61.6	52.2	23:35-23:40	53.4	50.2	02:30-02:35	53.6	50.5	05:30-05:35	55.4	52.0	55.4	52.0	52.0
20:35-20:40	59.7	53.3	23:40-23:45	54.6	50.3	02:35-02:40	52.1	49.4	05:35-05:40	56.4	52.0	56.4	52.0	52.0
20:40-20:45	59.0	52.7	23:45-23:50	57.3	50.4	02:40-02:45	56.2	49.8	05:40-05:45	57.5	52.3	57.5	52.3	52.3
20:45-20:50	61.8	53.9	23:50-23:55	60.2	50.6	02:45-02:50	56.3	50.0	05:45-05:50	57.7	52.6	57.7	52.6	52.6
20:50-20:55	63.7	53.0	23:55-00:00	59.6	51.4	02:50-02:55	54.6	50.4	05:50-05:55	58.1	52.5	58.1	52.5	52.5
20:55-21:00	63.6	53.2	00:00-00:05	55.8	49.7	02:55-03:00	54.0	50.2	05:55-06:00	57.6	52.2	57.6	52.2	52.2
21:00-21:05	61.9	51.3	00:05-00:10	54.0	49.8	03:00-03:05	52.4	49.7	06:00-06:05	59.6	52.5	59.6	52.5	52.5
21:05-21:10	63.6	52.9	00:10-00:15	59.7	51.4	03:05-03:10	53.4	50.7	06:05-06:10	60.1	52.5	60.1	52.5	52.5
21:10-21:15	60.8	51.8	00:15-00:20	52.0	49.2	03:10-03:15	54.7	50.5	06:10-06:15	61.7	53.6	61.7	53.6	53.6
21:15-21:20	64.6	53.8	00:20-00:25	52.6	49.7	03:15-03:20	52.6	50.7	06:15-06:20	61.0	54.0	61.0	54.0	54.0
21:20-21:25	60.1	51.4	00:25-00:30	52.5	49.4	03:20-03:25	52.6	50.6	06:20-06:25	63.5	54.1	63.5	54.1	54.1
21:25-21:30	63.7	52.3	00:30-00:35	54.8	49.7	03:25-03:30	51.6	50.5	06:25-06:30	61.7	55.5	61.7	55.5	55.5
21:30-21:35	63.1	52.1	00:35-00:40	55.6	49.8	03:30-03:35	51.6	49.8	06:30-06:35	62.8	54.3	62.8	54.3	54.3
21:35-21:40	63.7	52.4	00:40-00:45	53.5	49.7	03:35-03:40	60.3	49.9	06:35-06:40	61.9	54.0	61.9	54.0	54.0
21:40-21:45	62.7	53.6	00:45-00:50	56.0	49.4	03:40-03:45	51.1	49.9	06:40-06:45	65.0	56.0	65.0	56.0	56.0
21:45-21:50	60.4	51.3	00:50-00:55	54.6	49.2	03:45-03:50	51.3	50.1	06:45-06:50	61.2	54.0	61.2	54.0	54.0
21:50-21:55	57.9	51.0	00:55-01:00	51.9	49.2	03:50-03:55	52.1	50.1	06:50-06:55	61.7	55.2	61.7	55.2	55.2
21:55-22:00	60.5	52.1	01:00-01:05	53.1	49.5	03:55-04:00	52.2	50.1	06:55-07:00	60.4	52.0	60.4	52.0	52.0
22:00-22:05	58.7	51.1	01:05-01:10	53.6	49.4	04:00-04:05	52.3	50.0	07:00-07:05	62.3	52.8	62.3	52.8	52.8
22:05-22:10	58.7	50.6	01:10-01:15	55.1	49.9	04:05-04:10	51.4	49.9	07:05-07:10	61.6	54.1	61.6	54.1	54.1
22:10-22:15	60.0	51.6	01:15-01:20	56.1	49.0	04:10-04:15	51.9	50.0	07:10-07:15	64.0	55.8	64.0	55.8	55.8
22:15-22:20	58.0	50.2	01:20-01:25	53.4	49.4	04:15-04:20	51.7	49.7	07:15-07:20	62.1	55.5	62.1	55.5	55.5
22:20-22:25	56.4	50.4	01:25-01:30	57.4	48.9	04:20-04:25	53.4	49.7	07:20-07:25	62.4	54.0	62.4	54.0	54.0
22:25-22:30	60.3	50.3	01:30-01:35	52.9	48.7	04:25-04:30	54.3	50.1	07:25-07:30	63.3	55.0	63.3	55.0	55.0
22:30-22:35	54.4	50.0	01:35-01:40	52.2	48.7	04:30-04:35	52.9	49.7	07:30-07:35	61.1	54.7	61.1	54.7	54.7
22:35-22:40	56.6	50.5	01:40-01:45	54.2	49.7	04:35-04:40	54.2	49.5	07:35-07:40	60.4	54.0	60.4	54.0	54.0
22:40-22:45	57.8	50.5	01:45-01:50	52.3	49.6	04:40-04:45	52.7	49.4	07:40-07:45	62.3	54.0	62.3	54.0	54.0
22:45-22:50	55.7	50.6	01:50-01:55	53.0	48.8	04:45-04:50	53.2	49.8	07:45-07:50	60.0	53.8	60.0	53.8	53.8
22:50-22:55	56.1	50.5	01:55-02:00	53.2	49.2	04:50-04:55	54.9	50.3	07:50-07:55	63.9	57.3	63.9	57.3	57.3
22:55-23:00	55.4	50.5	02:00-02:05	51.4	49.6	04:55-05:00	55.0	50.2	07:55-08:00	64.6	58.4	64.6	58.4	58.4



Laboratory Reviewer

Laboratory Supervisor

DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL  
REPORT ANALYSIS REFERS TO SUBMITTED SAMPLE (S) ONLY

## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Common Area of Pak Thang White House Community, Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WG504) 47P 0673743 E, 1550447 N  
**Measured Date** : April 29, 2024  
**Measured By** : XXXXXXXXXX  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820456

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-030  
**Report No.** : 2024-RAAI640  
**Report Date** : May 14, 2024

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Noise Level For 5 minutes, dB(A)	Leq	L90
	Leq	L90	L95		Leq	L90	L95		Leq	L90	L95			
08:00-08:05	60.3	51.7	11:00-11:05	50.6	50.2	14:00-14:05	64.1	49.0	17:00-17:05	60.4	52.2	60.4	52.2	52.2
08:05-08:10	61.2	53.3	11:05-11:10	58.9	50.8	14:05-14:10	58.4	50.1	17:05-17:10	66.8	53.6	66.8	53.6	53.6
08:10-08:15	63.7	53.0	11:10-11:15	61.6	53.9	14:10-14:15	58.7	50.4	17:10-17:15	64.0	55.2	64.0	55.2	55.2
08:15-08:20	63.4	53.6	11:15-11:20	59.6	53.7	14:15-14:20	62.5	53.5	17:15-17:20	63.1	55.2	63.1	55.2	55.2
08:20-08:25	60.7	51.8	11:20-11:25	58.3	54.3	14:20-14:25	57.4	48.7	17:20-17:25	62.4	55.4	62.4	55.4	55.4
08:25-08:30	60.1	54.5	11:25-11:30	57.6	51.6	14:25-14:30	62.0	49.4	17:25-17:30	62.7	55.2	62.7	55.2	55.2
08:30-08:35	59.6	53.5	11:30-11:35	62.4	51.1	14:30-14:35	61.3	48.2	17:30-17:35	61.4	54.8	61.4	54.8	54.8
08:35-08:40	58.6	51.6	11:35-11:40	59.3	52.7	14:35-14:40	60.0	51.0	17:35-17:40	62.7	55.7	62.7	55.7	55.7
08:40-08:45	59.5	53.4	11:40-11:45	56.1	49.6	14:40-14:45	57.9	49.1	17:40-17:45	65.9	57.1	65.9	57.1	57.1
08:45-08:50	58.6	51.9	11:45-11:50	58.5	50.3	14:45-14:50	62.6	50.8	17:45-17:50	66.5	57.5	66.5	57.5	57.5
08:50-08:55	62.6	51.8	11:50-11:55	60.6	51.1	14:50-14:55	60.8	49.6	17:50-17:55	66.0	56.8	66.0	56.8	56.8
08:55-09:00	61.9	51.7	11:55-12:00	58.2	50.5	14:55-15:00	61.0	49.1	17:55-18:00	68.7	62.3	68.7	62.3	62.3
09:00-09:05	59.3	51.5	12:00-12:05	61.1	50.6	15:00-15:05	58.3	49.4	18:00-18:05	68.3	59.8	68.3	59.8	59.8
09:05-09:10	58.1	51.6	12:05-12:10	59.2	50.3	15:05-15:10	59.7	49.1	18:05-18:10	71.1	61.3	71.1	61.3	61.3
09:10-09:15	57.3	51.1	12:10-12:15	58.7	50.3	15:10-15:15	64.3	51.4	18:10-18:15	70.0	61.7	70.0	61.7	61.7
09:15-09:20	56.8	50.0	12:15-12:20	62.5	50.6	15:15-15:20	57.0	49.1	18:15-18:20	68.9	60.0	68.9	60.0	60.0
09:20-09:25	57.7	51.1	12:20-12:25	60.5	50.3	15:20-15:25	58.5	49.2	18:20-18:25	68.9	58.7	68.9	58.7	58.7
09:25-09:30	58.5	51.0	12:25-12:30	58.7	51.4	15:25-15:30	58.7	51.5	18:25-18:30	70.1	61.6	70.1	61.6	61.6
09:30-09:35	59.1	51.4	12:30-12:35	58.3	51.1	15:30-15:35	57.7	48.5	18:30-18:35	68.6	57.2	68.6	57.2	57.2
09:35-09:40	55.4	50.5	12:35-12:40	61.7	50.1	15:35-15:40	59.2	53.6	18:35-18:40	68.3	57.3	68.3	57.3	57.3
09:40-09:45	57.2	52.0	12:40-12:45	57.1	49.3	15:40-15:45	60.1	51.8	18:40-18:45	69.1	58.5	69.1	58.5	58.5
09:45-09:50	58.1	52.8	12:45-12:50	56.9	49.4	15:45-15:50	60.4	51.8	18:45-18:50	70.5	60.8	70.5	60.8	60.8
09:50-09:55	58.1	50.8	12:50-12:55	57.1	50.1	15:50-15:55	59.7	51.9	18:50-18:55	67.8	57.4	67.8	57.4	57.4
09:55-10:00	56.9	51.2	12:55-13:00	58.3	50.0	15:55-16:00	60.1	51.1	18:55-19:00	68.4	59.3	68.4	59.3	59.3



ANALYSIS REPORT

**Customer Name** :Klong Luang Utilities Company Limited  
**Address** :222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** :Electricity and Steam Generating Cogeneration, Pathumthani Province  
**Project Location** :1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** :Ambient Noise  
**Measured Point** :Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co.,Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** :UTM (WG84) 47P 0674271 E, 1550801 N  
**Measured Date** :April 23, 2024  
**Measured By** :  
**Analyzed By** :Environment Research & Technology Co., Ltd.  
**Measured Instrument** :Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Noise Level For 5 minutes, dB(A)	Leq	L90
	Leq	L90	L90		Leq	L90	L90		Leq	L90	L90			
08:00-08:05	61.0	58.9	59.7	11:00-11:05	60.2	59.7	59.2	14:00-14:05	62.4	59.2	59.2	17:00-17:05	61.8	60.1
08:05-08:10	60.4	59.3	59.5	11:05-11:10	60.3	59.5	59.5	14:05-14:10	59.5	59.0	59.0	17:05-17:10	61.1	59.3
08:10-08:15	59.9	59.3	59.3	11:10-11:15	60.1	59.5	59.0	14:10-14:15	59.5	59.0	59.0	17:10-17:15	60.0	59.2
08:15-08:20	62.4	59.5	59.4	11:15-11:20	60.0	59.4	59.4	14:15-14:20	59.8	59.2	59.2	17:15-17:20	60.1	59.2
08:20-08:25	60.9	59.6	59.2	11:20-11:25	60.5	59.2	59.4	14:20-14:25	60.1	59.4	59.4	17:20-17:25	59.7	59.0
08:25-08:30	61.8	59.4	59.2	11:25-11:30	60.0	59.2	59.2	14:25-14:30	59.7	59.2	59.2	17:25-17:30	59.8	59.1
08:30-08:35	61.9	59.3	59.3	11:30-11:35	60.1	59.3	59.3	14:30-14:35	59.9	59.3	59.3	17:30-17:35	61.3	59.5
08:35-08:40	61.0	59.5	59.6	11:35-11:40	60.5	59.6	59.4	14:35-14:40	60.3	59.4	59.4	17:35-17:40	61.0	59.6
08:40-08:45	60.1	59.5	59.8	11:40-11:45	61.4	59.8	59.8	14:40-14:45	61.3	59.8	59.8	17:40-17:45	59.8	59.4
08:45-08:50	60.7	59.6	59.4	11:45-11:50	60.4	59.4	59.4	14:45-14:50	61.2	59.6	59.6	17:45-17:50	59.7	59.2
08:50-08:55	60.7	59.8	59.4	11:50-11:55	60.1	59.4	59.4	14:50-14:55	63.8	59.9	59.9	17:50-17:55	59.7	59.2
08:55-09:00	60.5	59.9	59.1	11:55-12:00	60.1	59.4	59.4	14:55-15:00	61.0	59.8	59.8	17:55-18:00	59.7	59.2
09:00-09:05	61.2	60.2	59.5	12:00-12:05	59.5	59.1	59.2	15:00-15:05	59.9	59.2	59.2	18:00-18:05	60.0	59.5
09:05-09:10	60.8	59.8	59.6	12:05-12:10	59.6	59.1	59.3	15:05-15:10	61.2	59.3	59.3	18:05-18:10	59.9	59.2
09:10-09:15	60.9	59.7	59.2	12:10-12:15	59.3	58.8	59.3	15:10-15:15	63.9	60.3	60.3	18:10-18:15	59.9	59.3
09:15-09:20	60.2	59.6	59.2	12:15-12:20	59.2	58.6	59.4	15:15-15:20	61.0	59.4	59.4	18:15-18:20	59.9	59.4
09:20-09:25	60.4	59.7	59.3	12:20-12:25	59.3	58.9	59.4	15:20-15:25	60.4	59.3	59.3	18:20-18:25	60.3	59.5
09:25-09:30	61.4	59.7	59.4	12:25-12:30	59.4	58.8	59.4	15:25-15:30	60.4	59.2	59.2	18:25-18:30	60.4	59.4
09:30-09:35	60.3	59.7	59.0	12:30-12:35	60.0	59.0	59.0	15:30-15:35	62.6	59.3	59.3	18:30-18:35	60.9	60.0
09:35-09:40	60.1	59.7	59.2	12:35-12:40	61.1	60.0	59.4	15:35-15:40	59.8	59.2	59.2	18:35-18:40	59.9	59.4
09:40-09:45	60.0	59.5	59.4	12:40-12:45	62.3	60.7	59.4	15:40-15:45	60.3	59.4	59.4	18:40-18:45	60.2	59.4
09:45-09:50	60.3	59.6	59.6	12:45-12:50	61.9	59.6	59.6	15:45-15:50	60.9	59.7	59.7	18:45-18:50	60.8	59.9
09:50-09:55	60.0	59.5	59.5	12:50-12:55	63.1	60.4	59.5	15:50-15:55	60.3	59.5	59.5	18:50-18:55	59.8	59.4
09:55-10:00	60.1	59.7	59.6	12:55-13:00	62.3	59.6	59.2	15:55-16:00	59.9	59.2	59.2	18:59-19:00	59.6	59.3
10:00-10:05	60.1	59.6	59.6	13:00-13:05	62.6	60.1	59.5	16:00-16:05	60.4	59.5	59.5	19:00-19:05	59.8	59.2
10:05-10:10	60.2	59.7	59.3	13:05-13:10	59.8	59.3	59.3	16:05-16:10	60.5	59.6	59.6	19:05-19:10	59.9	59.2
10:10-10:15	60.3	59.7	59.2	13:10-13:15	59.8	59.2	59.2	16:10-16:15	60.0	59.2	59.2	19:10-19:15	60.2	59.7
10:15-10:20	60.4	59.8	59.8	13:15-13:20	60.8	59.8	59.3	16:15-16:20	60.0	59.3	59.3	19:15-19:20	60.1	59.7
10:20-10:25	60.3	59.6	59.3	13:20-13:25	60.5	59.3	59.2	16:20-16:25	60.3	59.2	59.2	19:20-19:25	60.3	59.8
10:25-10:30	60.5	59.8	59.0	13:25-13:30	59.9	59.0	59.2	16:25-16:30	59.9	59.2	59.2	19:25-19:30	60.0	59.6
10:30-10:35	60.2	59.6	59.3	13:30-13:35	59.9	59.3	59.3	16:30-16:35	60.2	59.1	59.1	19:30-19:35	61.2	59.8
10:35-10:40	60.1	59.6	59.8	13:35-13:40	59.5	59.8	59.6	16:35-16:40	60.4	59.6	59.6	19:35-19:40	59.9	59.4
10:40-10:45	60.2	59.6	59.7	13:40-13:45	59.3	59.7	59.7	16:40-16:45	60.5	59.7	59.7	19:40-19:45	60.0	59.5
10:45-10:50	60.9	60.1	59.5	13:45-13:50	59.5	58.9	59.5	16:45-16:50	61.1	59.9	59.9	19:45-19:50	60.2	59.5
10:50-10:55	60.4	59.8	59.1	13:50-13:55	59.0	59.1	59.6	16:50-16:55	60.9	59.6	59.6	19:50-19:55	60.5	59.6
10:55-11:00	60.3	59.7	59.4	13:55-14:00	59.4	59.0	59.7	16:55-17:00	61.3	59.7	59.7	19:55-20:00	60.0	59.5

ANALYSIS REPORT

**Customer Name** :Klong Luang Utilities Company Limited  
**Address** :222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** :Electricity and Steam Generating Cogeneration, Pathumthani Province  
**Project Location** :1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** :Ambient Noise  
**Measured Point** :Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co.,Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** :UTM (WG84) 47P 0674271 E, 1550801 N  
**Measured Date** :April 23, 2024  
**Measured By** :  
**Analyzed By** :Environment Research & Technology Co., Ltd.  
**Measured Instrument** :Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)		
	Leq	L90	L90		Leq	L90	L90		Leq	L90	L90		Leq	L90	L90
20:00-20:05	60.0	59.4	23:00-23:05	59.8	59.4	02:00-02:05	59.1	58.8	05:00-05:05	59.5	59.1				
20:05-20:10	60.0	59.4	23:05-23:10	59.9	59.5	02:05-02:10	59.2	58.8	05:05-05:10	59.6	59.0				
20:10-20:15	59.7	59.3	23:10-23:15	59.8	59.4	02:10-02:15	59.3	58.9	05:10-05:15	59.6	59.2				
20:15-20:20	59.9	59.4	23:15-23:20	59.7	59.3	02:15-02:20	59.1	58.7	05:15-05:20	59.7	59.3				
20:20-20:25	60.6	59.4	23:20-23:25	59.6	59.3	02:20-02:25	59.4	58.9	05:20-05:25	59.7	59.1				
20:25-20:30	59.9	59.5	23:25-23:30	59.6	59.3	02:25-02:30	59.2	58.9	05:25-05:30	59.5	59.2				
20:30-20:35	59.1	59.6	23:30-23:35	59.4	59.3	02:30-02:35	59.2	58.8	05:30-05:35	59.6	59.2				
20:35-20:40	60.1	59.7	23:35-23:40	59.6	59.2	02:35-02:40	59.1	58.8	05:35-05:40	59.9	59.2				
20:40-20:45	60.1	59.7	23:40-23:45	59.6	59.2	02:40-02:45	59.2	58.9	05:40-05:45	59.4	59.1				
20:45-20:50	60.1	59.7	23:45-23:50	59.8	59.3	02:45-02:50	59.2	58.8	05:45-05:50	59.5	59.2				
20:50-20:55	59.8	59.4	23:50-23:55	59.4	59.1	02:50-02:55	59.0	58.7	05:50-05:55	59.7	59.2				
20:55-21:00	60.1	59.7	23:55-00:00	59.5	59.2	02:55-03:00	59.2	58.8	05:55-06:00	59.8	59.2				
21:00-21:05	60.0	59.5	00:00-00:05	60.1	59.3	03:00-03:05	59.1	58.8	06:00-06:05	59.7	59.2				
21:05-21:10	61.5	59.6	00:05-00:10	59.5	59.1	03:05-03:10	59.1	58.8	06:05-06:10	59.9	59.2				
21:10-21:15	60.1	59.6	00:10-00:15	59.3	59.0	03:10-03:15	59.1	58.8	06:10-06:15	59.9	59.3				
21:15-21:20	60.0	59.5	00:15-00:20	59.5	59.0	03:15-03:20	59.0	58.7	06:15-06:20	59.8	59.3				
21:20-21:25	60.3	59.7	00:20-00:25	59.3	58.9	03:20-03:25	59.0	58.7	06:20-06:25	59.7	59.2				
21:25-21:30	60.2	59.7	00:25-00:30	59.4	59.0	03:25-03:30	59.0	58.7	06:25-06:30	59.6	59.2				
21:30-21:35	60.7	59.8	00:30-00:35	59.4	59.0	03:30-03:35	59.0	58.7	06:30-06:35	59.6	59.1				
21:35-21:40	60.0	59.5	00:35-00:40	59.4	59.0	03:35-03:40	59.1	58.8	06:35-06:40	59.5	59.1				
21:40-21:45	60.2	59.8	00:40-00:45	59.3	59.0	03:40-03:45	59.1	58.8	06:40-06:45	59.5	59.1				
21:45-21:50	59.9	59.5	00:45-00:50	59.4	59.0	03:45-03:50	59.1	58.8	06:45-06:50	59.4	59.0				
21:50-21:55	59.9	59.5	00:50-00:55	59.2	58.9	03:50-03:55	59.2	58.8	06:50-06:55	59.5	59.0				
21:55-22:00	60.1	59.6	00:55-01:00	59.4	59.0	03:55-04:00	59.2	58.9	06:55-07:00	59.4	58.9				
22:00-22:05	60.1	59.6	01:00-01:05	59.5	59.1	04:00-04:05	59.2	58.8	07:00-07:05	59.6	59.1				
22:05-22:10	59.8	59.4	01:05-01:10	59.5	59.0	04:05-04:10	59.5	59.0	07:05-07:10	60.6	59.2				
22:10-22:15	59.8	59.4	01:10-01:15	59.4	59.1	04:10-04:15	59.3	59.0	07:10-07:15	59.9	59.2				
22:15-22:20	59.8	59.4	01:15-01:20	59.2	58.9	04:15-04:20	59.4	59.0	07:15-07:20	59.6	59.2				
22:20-22:25	59.9	59.4	01:20-01:25	59.3	58.9	04:20-04:25	59.3	59.0	07:20-07:25	59.6	59.2				
22:25-22:30	60.0	59.5	01:25-01:30	59.3	58.9	04:25-04:30	59.4	59.1	07:25-07:30	59.8	59.3				
22:30-22:35	60.2	59.6	01:30-01:35	59.2	58.9	04:30-04:35	59.6	59.0	07:30-07:35	59.7	59.2				
22:35-22:40	60.0	59.5	01:35-01:40	59.3	59.0	04:35-04:40	59.5	59.0	07:35-07:40	59.9	59.3				
22:40-22:45	60.0	59.5	01:40-01:45	59.4	59.0	04:40-04:45	59.3	59.0	07:40-07:45	60.7	60.1				
22:45-22:50	59.8	59.4	01:45-01:50	59.6	59.1	04:45-04:50	59.5	59.1	07:45-07:50	60.4	59.4				
22:50-22:55	59.9	59.5	01:50-01:55	59.4	59.0	04:50-04:55	59.5	59.1	07:50-07:55	60.3	59.3				
22:55-23:00	59.7	59.3	01:55-02:00	59.3	58.9	04:55-05:00	59.7	59.1	07:55-08:00	60.0	59.2				



ANALYSIS REPORT

**Customer Name** :Klong Luang Utilities Company Limited  
**Address** :222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** :Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** :1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** :Ambient Noise  
**Measured Point** :Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co.,Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS, Coordinate** :UTM (WG84) 47P 0674271 E, 1350801 N  
**Measured Date** :April 24, 2024  
**Report No.** :AR2024-00674  
**Analysis No.** :2024-AB865-031  
**Report Date** :2024-RAA1641  
**Measured By** :  
**Analyzed By** :  
**Measured Instrument** :Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)		
	Leq	L90	L95		Leq	L90	L95		Leq	L90	L95
08:00-08:05	60.2	59.4	62.3	11:00-11:05	63.4	62.3	64.0	14:00-14:05	60.0	59.3	61.0
08:05-08:10	60.3	59.6	62.8	11:05-11:10	62.8	59.7	64.0	14:05-14:10	59.6	59.1	60.6
08:10-08:15	60.0	59.5	58.8	11:10-11:15	59.5	58.8	58.8	14:10-14:15	59.4	58.7	60.8
08:15-08:20	59.8	59.3	59.1	11:15-11:20	59.7	59.1	59.4	14:15-14:20	59.9	59.4	59.4
08:20-08:25	59.8	59.2	61.0	11:20-11:25	61.0	59.2	60.6	14:20-14:25	60.6	59.7	59.6
08:25-08:30	59.7	59.1	59.1	11:25-11:30	59.8	59.2	61.0	14:25-14:30	59.1	59.6	59.0
08:30-08:35	59.9	59.3	61.30	11:30-11:35	59.8	59.0	59.1	14:30-14:35	59.9	59.1	59.0
08:35-08:40	62.4	59.7	61.35-11:40	59.2	58.6	59.8	58.8	14:35-14:40	59.9	58.8	59.1
08:40-08:45	63.8	59.4	61.45-11:45	59.6	58.7	14:40-14:45	59.5	58.6	17:40-17:45	59.9	59.1
08:45-08:50	60.5	58.7	11:45-11:50	59.4	58.7	14:45-14:50	59.0	58.5	17:45-17:50	60.1	59.2
08:50-08:55	59.6	58.9	11:50-11:55	59.7	58.8	14:50-14:55	59.9	58.7	17:50-17:55	63.1	59.4
08:55-09:00	59.4	58.9	11:55-12:00	60.6	59.4	14:55-15:00	59.8	58.7	17:55-18:00	60.3	59.2
09:00-09:05	60.3	59.0	12:00-12:05	59.9	58.8	15:00-15:05	60.3	59.6	18:00-18:05	60.0	59.3
09:05-09:10	59.9	58.9	12:05-12:10	60.3	58.9	15:05-15:10	59.8	59.2	18:05-18:10	59.8	59.1
09:10-09:15	59.7	59.0	12:10-12:15	62.3	59.6	15:10-15:15	60.0	59.2	18:10-18:15	60.7	59.3
09:15-09:20	60.5	59.4	12:15-12:20	62.2	59.6	15:15-15:20	59.7	59.1	18:15-18:20	60.3	59.4
09:20-09:25	59.8	59.1	12:20-12:25	62.7	60.6	15:20-15:25	59.5	58.7	18:20-18:25	61.2	59.2
09:25-09:30	61.3	59.1	12:25-12:30	61.5	58.9	15:25-15:30	59.9	59.3	18:25-18:30	59.4	58.8
09:30-09:35	61.4	59.1	12:30-12:35	62.0	59.2	15:30-15:35	59.7	59.1	18:30-18:35	59.9	59.2
09:35-09:40	60.0	58.7	12:35-12:40	62.2	58.8	15:35-15:40	59.4	58.9	18:35-18:40	60.8	59.3
09:40-09:45	60.2	59.0	12:40-12:45	61.9	60.3	15:40-15:45	59.6	59.1	18:40-18:45	60.8	59.3
09:45-09:50	60.4	59.1	12:45-12:50	62.5	59.5	15:45-15:50	60.7	59.8	18:45-18:50	59.7	59.0
09:50-09:55	59.7	58.6	12:50-12:55	61.2	59.0	15:50-15:55	60.1	59.3	18:50-18:55	60.7	59.5
09:55-10:00	59.4	58.7	12:55-13:00	61.4	59.2	15:55-16:00	59.8	59.0	18:55-19:00	60.3	59.3
10:00-10:05	59.3	58.6	13:00-13:05	61.3	58.8	16:00-16:05	60.3	59.2	19:00-19:05	59.9	59.3
10:05-10:10	59.0	58.3	13:05-13:10	59.3	58.5	16:05-16:10	60.0	59.2	19:05-19:10	59.7	59.1
10:10-10:15	59.4	58.8	13:10-13:15	60.4	58.7	16:10-16:15	60.1	59.3	19:10-19:15	59.8	59.4
10:15-10:20	60.0	59.1	13:15-13:20	60.4	59.4	16:15-16:20	60.1	59.2	19:15-19:20	59.6	59.1
10:20-10:25	59.9	58.9	13:20-13:25	59.7	58.7	16:20-16:25	60.9	59.4	19:20-19:25	60.0	59.2
10:25-10:30	59.2	58.7	13:25-13:30	59.3	58.7	16:25-16:30	62.3	59.6	19:25-19:30	59.9	59.3
10:30-10:35	59.1	58.6	13:30-13:35	59.4	58.9	16:30-16:35	61.4	59.8	19:30-19:35	60.3	59.6
10:35-10:40	59.4	58.6	13:35-13:40	60.0	59.4	16:35-16:40	60.8	59.9	19:35-19:40	60.0	59.3
10:40-10:45	61.4	58.9	13:40-13:45	60.6	59.3	16:40-16:45	60.3	59.5	19:40-19:45	59.6	59.2
10:45-10:50	63.7	62.8	13:45-13:50	60.8	59.9	16:45-16:50	60.5	59.7	19:45-19:50	60.5	59.7
10:50-10:55	61.1	62.5	13:50-13:55	61.3	59.5	16:50-16:55	60.8	60.0	19:50-19:55	60.9	59.9
10:55-11:00	62.6	62.1	13:55-14:00	59.8	59.2	16:55-17:00	61.1	60.2	19:55-20:00	59.9	59.3

ANALYSIS REPORT

**Customer Name** :Klong Luang Utilities Company Limited  
**Address** :222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** :Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** :1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** :Ambient Noise  
**Measured Point** :Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co.,Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS, Coordinate** :UTM (WG84) 47P 0674271 E, 1350801 N  
**Measured Date** :April 24, 2024  
**Report No.** :AR2024-00674  
**Analysis No.** :2024-AB865-031  
**Report Date** :2024-RAA1641  
**Measured By** :  
**Analyzed By** :  
**Measured Instrument** :Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)		
	Leq	L90	L95		Leq	L90	L95		Leq	L90	L95
20:00-20:05	60.2	59.3	23:00-23:05	60.5	59.0	59.1	05:00-05:05	58.9	58.5	58.5	58.5
20:05-20:10	60.3	59.7	23:05-23:10	60.7	59.6	58.6	05:05-05:10	58.9	58.5	58.5	58.5
20:10-20:15	60.1	59.5	23:10-23:15	60.1	59.6	58.6	05:10-05:15	58.8	58.2	05:15-05:20	58.8
20:15-20:20	60.0	59.4	23:15-23:20	60.6	59.9	05:20-05:25	58.9	58.3	05:25-05:30	58.8	58.4
20:20-20:25	60.6	59.9	23:20-23:25	60.1	59.6	05:30-05:35	58.8	58.4	05:35-05:40	58.9	58.5
20:25-20:30	61.2	59.9	23:25-23:30	60.1	59.5	05:40-05:45	58.9	58.5	05:45-05:50	59.0	58.6
20:30-20:35	60.3	59.6	23:30-23:35	60.2	59.2	05:50-05:55	60.0	58.6	05:55-06:00	59.7	58.8
20:35-20:40	60.3	59.7	23:35-23:40	60.3	59.4	06:00-06:05	59.8	58.2	06:05-06:10	59.8	58.8
20:40-20:45	59.8	59.3	23:40-23:45	60.2	59.6	06:10-06:15	59.8	58.2	06:15-06:20	60.1	58.7
20:45-20:50	60.0	59.4	23:45-23:50	59.9	59.3	06:20-06:25	59.7	58.6	06:25-06:30	59.3	58.5
20:50-20:55	59.7	59.2	23:50-23:55	60.1	59.4	06:30-06:35	59.4	58.5	06:35-06:40	59.1	58.5
20:55-21:00	59.7	59.3	23:55-00:00	60.3	59.2	06:40-06:45	59.0	58.4	06:45-06:50	59.3	58.6
21:00-21:05	60.2	59.3	00:00-00:05	59.4	58.9	06:50-06:55	60.1	58.6	06:55-07:00	59.9	59.4
21:05-21:10	60.1	59.4	00:05-00:10	59.2	58.7	07:00-07:05	59.1	58.4	07:05-07:10	59.8	58.5
21:10-21:15	60.0	59.3	00:10-00:15	59.2	58.7	07:10-07:15	59.6	58.5	07:15-07:20	59.0	58.4
21:15-21:20	59.9	59.4	00:15-00:20	59.2	58.6	07:20-07:25	58.8	58.3	07:25-07:30	58.8	58.4
21:20-21:25	60.7	59.8	00:20-00:25	59.2	58.4	07:30-07:35	59.0	58.3	07:35-07:40	59.5	58.4
21:25-21:30	60.1	59.4	00:25-00:30	58.7	58.3	07:40-07:45	59.4	58.3	07:45-07:50	59.3	58.2
21:30-21:35	59.8	59.3	00:30-00:35	58.6	58.1	07:50-07:55	58.9	58.5	07:55-08:00	58.8	58.3
21:35-21:40	60.7	59.8	00:35-00:40	58.7	58.3	08:00-08:05	59.8	58.2	08:05-08:10	59.0	58.4
21:40-21:45	60.3	59.6	00:40-00:45	58.8	58.3	08:10-08:15	59.3	58.6	08:15-08:20	59.3	58.5
21:45-21:50	60.1	59.5	00:45-00:50	58.6	58.3	08:20-08:25	59.3	58.6	08:25-08:30	59.3	58.5
21:50-21:55	60.1	59.5	00:50-00:55	58.5	58.1	08:30-08:35	59.3	58.6	08:35-08:40	59.3	58.5
21:55-22:00	60.0	59.5	00:55-01:00	58.4	58.0	08:40-08:45	59.3	58.6	08:45-08:50	59.3	58.5
22:00-22:05	60.2	59.5	01:00-01:05	58.3	58.0	08:50-08:55	59.3	58.6	08:55-09:00	59.3	58.5
22:05-22:10	60.3	59.4	01:05-01:10	58.5	58.0	09:00-09:05	59.3	58.6	09:05-09:10	59.3	58.5
22:10-22:15	60.1	59.5	01:10-01:15	58.5	58.1	09:10-09:15	59.3	58.6	09:15-09:20	59.3	58.5
22:15-22:20	60.2	59.7	01:15-01:20	58.4	58.0	09:20-09:25	59.3	58.6	09:25-09:30	59.3	58.5
22:20-22:25	60.3	59.6	01:20-01:25	58.4	58.1	09:30-09:35	59.3	58.6	09:35-09:40	59.3	58.5
22:25-22:30	60.3	59.5	01:25-01:30	58.4	58.1	09:40-09:45	59.3	58.6	09:45-09:50	59.3	58.5
22:30-22:35	59.8	59.3	01:30-01:35	58.5	58.2	09:50-09:55	59.3	58.6	09:55-10:00	59.3	58.5
22:35-22:40	60.1	59.4	01:35-01:40	59.1	58.2	10:00-10:05	59.3	58.6	10:05-10:10	59.3	58.5
22:40-22:45	60.7	59.9	01:40-01:45	58.6	58.1	10:10-10:15	59.3	58.6	10:15-10:20	59.3	58.5
22:45-22:50	60.2	59.7	01:45-01:50	58.5	58.1	10:20-10:25	59.3	58.6	10:25-10:30	59.3	58.5
22:50-22:55	60.1	59.6	01:50-01:55	58.7	58.2	10:30-10:35	59.3	58.6	10:35-10:40	59.3	58.5
22:55-23:00	60.5	59.8	01:55-02:00	58.8	58.3	10:40-10:45	59.3	58.6	10:45-10:50	59.3	58.5



ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co.,Ltd.,  
Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS, Coordinate** : UTM (WG84) 47P 0674271 E, 1530801 N  
**Measured Date** : April 25, 2024  
**Analysis No.** : AR2024-00674  
**Report No.** : 2024-AB865-031  
**Measured By** : [REDACTED]  
**Analyzed By** : [REDACTED]  
**Report Date** : May 14, 2024  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)		
	Leq	L90	L95		Leq	L90	L95		Leq	L90	L95
08:00-08:05	58.7	58.3	58.4	11:00-11:05	61.4	58.6	58.4	14:00-14:05	59.7	58.4	59.6
08:05-08:10	59.0	58.4	58.8	11:05-11:10	58.8	58.3	58.8	14:05-14:10	60.7	58.8	59.7
08:10-08:15	58.9	58.4	58.8	11:10-11:15	58.7	58.4	58.9	14:10-14:15	64.5	59.0	61.2
08:15-08:20	59.6	58.7	58.5	11:15-11:20	58.9	58.5	58.9	14:15-14:20	63.2	58.9	59.0
08:20-08:25	58.9	58.3	58.7	11:20-11:25	59.7	58.7	58.8	14:20-14:25	60.7	58.8	61.2
08:25-08:30	59.0	58.4	58.8	11:25-11:30	59.4	58.7	58.8	14:25-14:30	59.7	58.8	59.4
08:30-08:35	61.0	58.8	58.8	11:30-11:35	59.2	58.6	58.6	14:30-14:35	59.4	58.6	58.8
08:35-08:40	61.1	59.0	58.8	11:35-11:40	58.8	58.4	58.5	14:35-14:40	59.4	58.5	58.7
08:40-08:45	59.8	58.9	58.9	11:40-11:45	59.0	58.5	58.5	14:40-14:45	59.2	58.5	58.9
08:45-08:50	59.9	59.2	58.9	11:45-11:50	59.5	58.9	58.9	14:45-14:50	59.4	58.4	58.9
08:50-08:55	60.2	59.1	58.9	11:50-11:55	59.3	58.3	58.3	14:50-14:55	59.3	58.5	59.7
08:55-09:00	58.9	58.9	58.8	11:55-12:00	58.9	58.3	58.5	14:55-15:00	59.4	58.5	59.2
09:00-09:05	61.2	59.0	58.5	12:00-12:05	59.5	58.5	58.5	15:00-15:05	59.3	58.4	59.1
09:05-09:10	61.7	59.4	58.8	12:05-12:10	59.8	58.3	58.7	15:05-15:10	62.0	58.7	59.3
09:10-09:15	60.8	59.3	59.1	12:10-12:15	60.9	59.1	58.7	15:10-15:15	60.3	58.7	59.4
09:15-09:20	59.9	58.9	58.8	12:15-12:20	61.7	58.8	58.6	15:15-15:20	59.5	58.6	59.1
09:20-09:25	59.6	58.8	58.5	12:20-12:25	60.1	58.5	58.5	15:20-15:25	59.2	58.5	59.2
09:25-09:30	59.3	58.6	58.6	12:25-12:30	60.8	59.0	58.8	15:25-15:30	58.8	58.0	59.1
09:30-09:35	59.1	58.6	58.6	12:30-12:35	61.8	59.0	58.7	15:30-15:35	59.8	58.7	59.0
09:35-09:40	59.2	58.7	58.4	12:35-12:40	60.5	58.4	58.6	15:35-15:40	60.4	58.6	59.0
09:40-09:45	59.2	58.8	58.8	12:40-12:45	60.4	58.5	58.5	15:40-15:45	59.3	58.5	58.9
09:45-09:50	59.1	58.6	58.6	12:45-12:50	61.2	59.1	58.6	15:45-15:50	59.0	58.6	58.9
09:50-09:55	60.1	59.0	58.4	12:50-12:55	61.3	58.4	58.3	15:50-15:55	58.8	58.3	59.0
09:55-10:00	59.4	58.7	58.5	12:55-13:00	61.3	59.5	58.8	15:55-16:00	59.7	59.1	59.1
10:00-10:05	61.1	58.7	58.7	13:00-13:05	61.6	59.7	58.6	16:00-16:05	59.1	58.6	59.2
10:05-10:10	59.8	58.7	58.7	13:05-13:10	61.0	58.7	58.5	16:05-16:10	59.0	58.5	59.5
10:10-10:15	59.4	58.5	58.5	13:10-13:15	59.4	58.4	58.7	16:10-16:15	59.2	58.7	59.3
10:15-10:20	59.4	58.7	58.7	13:15-13:20	60.5	58.3	58.7	16:15-16:20	59.7	58.7	59.0
10:20-10:25	60.6	58.7	58.5	13:20-13:25	59.0	58.5	58.5	16:20-16:25	61.8	59.2	59.2
10:25-10:30	59.2	58.6	58.1	13:25-13:30	58.7	58.1	58.1	16:25-16:30	61.4	59.1	59.4
10:30-10:35	59.2	58.6	58.0	13:30-13:35	58.6	58.0	58.0	16:30-16:35	60.7	59.1	59.3
10:35-10:40	59.1	58.5	58.4	13:35-13:40	59.0	58.4	58.4	16:35-16:40	61.4	59.7	59.5
10:40-10:45	59.3	58.4	58.2	13:40-13:45	58.8	58.2	58.2	16:40-16:45	60.5	59.5	59.0
10:45-10:50	62.3	58.8	58.8	13:45-13:50	58.7	58.2	58.2	16:45-16:50	60.1	59.3	59.8
10:50-10:55	58.8	58.2	58.2	13:50-13:55	58.8	58.2	58.2	16:50-16:55	61.0	59.5	58.9
10:55-11:00	59.3	58.2	58.5	13:55-14:00	59.5	58.5	58.8	16:55-17:00	62.5	59.8	59.1

ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co.,Ltd.,  
Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS, Coordinate** : UTM (WG84) 47P 0674271 E, 1530801 N  
**Measured Date** : April 25, 2024  
**Analysis No.** : AR2024-00674  
**Report No.** : 2024-AB865-031  
**Measured By** : [REDACTED]  
**Analyzed By** : [REDACTED]  
**Report Date** : May 14, 2024  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)		
	Leq	L90	L95		Leq	L90	L95		Leq	L90	L95
20:00-20:05	59.8	59.2	59.6	23:00-23:05	59.1	58.1	58.1	02:00-02:05	58.6	58.1	58.3
20:05-20:10	59.8	59.2	59.1	23:05-23:10	59.7	59.1	58.0	02:05-02:10	58.3	58.0	58.3
20:10-20:15	59.8	59.2	59.1	23:10-23:15	59.4	58.9	58.0	02:10-02:15	58.4	58.0	58.7
20:15-20:20	59.5	59.0	59.6	23:15-23:20	59.6	59.1	58.0	02:15-02:20	58.4	58.0	58.3
20:20-20:25	60.2	59.2	58.9	23:20-23:25	59.3	58.9	58.0	02:20-02:25	58.2	57.9	58.4
20:25-20:30	60.2	59.7	59.0	23:25-23:30	59.4	59.0	57.9	02:25-02:30	58.2	57.9	58.3
20:30-20:35	60.5	59.8	59.3	23:30-23:35	59.3	58.9	58.0	02:30-02:35	58.6	58.0	58.4
20:35-20:40	59.4	58.9	58.9	23:35-23:40	59.5	58.9	58.3	02:35-02:40	58.3	57.9	58.4
20:40-20:45	59.7	59.0	59.3	23:40-23:45	59.3	58.9	58.0	02:40-02:45	58.3	57.9	58.4
20:45-20:50	59.4	59.0	59.5	23:45-23:50	59.5	59.0	58.0	02:45-02:50	58.4	58.0	59.2
20:50-21:00	59.3	58.9	58.9	23:50-23:55	59.7	59.2	58.6	02:50-02:55	58.6	58.0	58.5
21:00-21:05	59.4	58.9	58.9	00:00-00:05	59.2	58.9	58.0	02:55-03:00	58.3	58.0	58.5
21:05-21:10	59.3	58.9	58.8	00:05-00:10	59.3	58.8	58.0	03:00-03:05	58.4	58.0	58.8
21:10-21:15	59.2	58.8	58.6	00:10-00:15	59.1	58.6	58.0	03:05-03:10	58.4	58.0	58.8
21:15-21:20	59.3	58.9	58.6	00:15-00:20	59.1	58.6	58.0	03:10-03:15	58.4	58.0	58.7
21:20-21:25	59.3	58.9	58.5	00:20-00:25	59.0	58.5	58.0	03:15-03:20	58.3	58.0	58.7
21:25-21:30	59.3	58.9	58.5	00:25-00:30	59.0	58.5	58.0	03:20-03:25	58.4	58.1	58.8
21:30-21:35	59.2	58.9	58.4	00:30-00:35	58.8	58.4	58.0	03:25-03:30	58.4	58.0	58.7
21:35-21:40	59.3	58.8	58.5	00:35-00:40	58.9	58.5	58.1	03:30-03:35	58.3	58.0	58.8
21:40-21:45	59.2	58.8	58.4	00:40-00:45	58.8	58.4	58.1	03:35-03:40	58.5	58.1	59.0
21:45-21:50	59.5	59.1	58.7	00:45-00:50	58.7	58.4	58.2	03:40-03:45	58.5	58.1	58.8
21:50-21:55	59.3	58.9	58.5	00:50-00:55	59.0	58.5	58.2	03:45-03:50	58.6	58.2	58.7
21:55-22:00	59.4	58.9	58.9	00:55-01:00	58.7	58.3	58.0	03:50-03:55	58.5	58.2	58.8
22:00-22:05	59.2	58.8	58.5	01:00-01:05	58.9	58.5	58.0	03:55-04:00	59.5	58.2	59.1
22:05-22:10	59.4	58.9	58.3	01:05-01:10	58.7	58.3	58.0	04:00-04:05	58.7	58.3	59.1
22:10-22:15	59.3	58.9	58.3	01:10-01:15	58.7	58.3	58.0	04:05-04:10	58.6	58.2	59.1
22:15-22:20	59.3	58.9	58.3	01:15-01:20	58.8	58.3	58.0	04:10-04:15	58.6	58.2	59.1
22:20-22:25	59.5	59.0	58.6	01:20-01:25	58.6	58.2	58.0	04:15-04:20	58.5	58.2	58.8
22:25-22:30	59.8	59.2	58.8	01:25-01:30	58.8	58.4	58.0	04:20-04:25	58.8	58.4	59.1
22:30-22:35	59.7	59.2	58.3	01:30-01:35	58.8	58.3	58.0	04:25-04:30	59.0	58.7	58.9
22:35-22:40	59.4	59.0	58.6	01:35-01:40	58.6	58.2	58.0	04:30-04:35	59.0	58.4	58.9
22:40-22:45	59.7	59.2	58.5	01:40-01:45	58.5	58.1	58.0	04:35-04:40	58.9	58.4	58.5
22:45-22:50	59.8	59.2	58.5	01:45-01:50	58.5	58.1	58.0	04:40-04:45	58.9	58.4	58.5
22:50-22:55	60.2	59.4	58.0	01:50-01:55	58.4	58.0	58.0	04:45-04:50	58.6	58.3	58.5
22:55-23:00	59.7	59.2	58.3	01:55-02:00	58.3	58.0	58.0	04:50-04:55	58.7	58.4	58.4
								04:55-05:00	58.7	58.3	58.5



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co.,Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WG84) 47P 0674271 E, 1550801 N  
**Measured Date** : April 26, 2024  
**Analysis No.** : 2024-AB865-031  
**Report No.** : 2024-RAAI641  
**Measured By** :  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Noise Level For 5 minutes, dB(A)	Leq	L90
	Leq	L90	L90		Leq	L90	L90		Leq	L90	L90			
08:00-08:05	59.2	58.3	59.4	11:00-11:05	60.4	59.4	59.4	14:00-14:05	60.2	58.9	58.9	17:00-17:05	60.3	59.3
08:05-08:10	59.7	58.7	59.9	11:05-11:10	59.9	59.0	59.0	14:05-14:10	60.6	59.0	59.0	17:05-17:10	60.4	59.1
08:10-08:15	60.0	58.7	59.3	11:10-11:15	59.3	58.8	58.8	14:10-14:15	60.5	58.8	58.8	17:10-17:15	60.9	59.0
08:15-08:20	59.4	58.5	59.6	11:15-11:20	59.6	58.8	58.8	14:15-14:20	60.4	59.1	59.1	17:15-17:20	59.6	58.9
08:20-08:25	59.6	58.4	59.8	11:20-11:25	59.9	58.8	58.8	14:20-14:25	59.9	59.0	59.0	17:20-17:25	60.2	58.7
08:25-08:30	62.6	59.1	59.5	11:25-11:30	59.6	58.9	58.9	14:25-14:30	59.9	59.1	59.1	17:25-17:30	59.7	58.8
08:30-08:35	59.3	58.5	59.8	11:30-11:35	59.5	58.8	58.8	14:30-14:35	59.7	58.9	58.9	17:30-17:35	60.4	58.9
08:35-08:40	60.2	58.8	59.2	11:35-11:40	59.2	58.6	58.6	14:35-14:40	59.8	59.0	59.0	17:35-17:40	60.2	59.0
08:40-08:45	59.9	58.8	59.8	11:40-11:45	59.6	58.7	58.7	14:40-14:45	59.8	58.9	58.9	17:40-17:45	60.1	59.0
08:45-08:50	60.4	59.0	59.7	11:45-11:50	59.6	58.7	58.7	14:45-14:50	59.9	58.9	58.9	17:45-17:50	60.2	59.0
08:50-08:55	59.6	58.9	59.3	11:50-11:55	59.3	58.6	58.6	14:50-14:55	60.5	58.9	58.9	17:50-17:55	60.5	59.1
08:55-09:00	59.5	59.0	59.5	11:55-12:00	59.5	58.8	58.8	14:55-15:00	60.6	58.9	58.9	17:55-18:00	59.8	59.0
09:00-09:05	60.2	59.1	59.8	12:00-12:05	59.4	58.6	58.6	15:00-15:05	59.7	58.9	58.9	18:00-18:05	59.7	59.0
09:05-09:10	60.1	59.0	59.7	12:05-12:10	59.7	58.7	58.7	15:05-15:10	60.3	59.1	59.1	18:05-18:10	60.0	59.1
09:10-09:15	59.8	59.0	59.7	12:10-12:15	59.9	58.7	58.7	15:10-15:15	60.3	59.1	59.1	18:10-18:15	60.6	59.2
09:15-09:20	59.8	59.0	59.7	12:15-12:20	60.0	58.6	58.6	15:15-15:20	59.9	58.9	58.9	18:15-18:20	60.2	59.1
09:20-09:25	59.6	58.9	59.8	12:20-12:25	59.9	58.8	58.8	15:20-15:25	59.5	58.7	58.7	18:20-18:25	60.0	59.1
09:25-09:30	60.0	58.8	59.7	12:25-12:30	60.7	58.7	58.7	15:25-15:30	59.5	58.7	58.7	18:25-18:30	59.7	59.1
09:30-09:35	59.6	58.8	59.3	12:30-12:35	60.3	58.8	58.8	15:30-15:35	60.8	58.8	58.8	18:30-18:35	60.0	59.2
09:35-09:40	59.5	58.8	59.3	12:35-12:40	60.5	58.9	58.9	15:35-15:40	59.6	58.8	58.8	18:35-18:40	60.2	59.1
09:40-09:45	59.9	58.8	59.7	12:40-12:45	60.7	59.2	59.2	15:40-15:45	59.6	58.8	58.8	18:40-18:45	60.2	59.2
09:45-09:50	60.2	58.9	59.7	12:45-12:50	60.7	59.0	59.0	15:45-15:50	59.8	59.1	59.1	18:45-18:50	60.0	59.2
09:50-09:55	60.0	58.8	59.7	12:50-12:55	60.7	58.9	58.9	15:50-15:55	59.7	58.9	58.9	18:50-18:55	60.1	59.2
09:55-10:00	60.1	58.8	59.7	12:55-13:00	60.4	58.9	58.9	15:55-16:00	60.9	58.9	58.9	18:55-19:00	59.9	59.2
10:00-10:05	60.1	58.8	59.7	13:00-13:05	60.3	58.9	58.9	16:00-16:05	59.9	58.9	58.9	19:00-19:05	60.1	59.2
10:05-10:10	60.0	58.8	59.7	13:05-13:10	59.7	58.7	58.7	16:05-16:10	59.6	58.9	58.9	19:05-19:10	60.4	59.3
10:10-10:15	59.8	58.8	59.6	13:10-13:15	59.6	58.6	58.6	16:10-16:15	59.5	58.8	58.8	19:10-19:15	59.9	59.3
10:15-10:20	60.0	59.0	59.8	13:15-13:20	59.8	58.8	58.8	16:15-16:20	59.7	58.9	58.9	19:15-19:20	60.0	59.3
10:20-10:25	60.1	58.8	59.7	13:20-13:25	59.5	58.7	58.7	16:20-16:25	60.2	58.9	58.9	19:20-19:25	60.0	59.3
10:25-10:30	60.0	58.9	59.7	13:25-13:30	59.3	58.6	58.6	16:25-16:30	60.5	58.9	58.9	19:25-19:30	60.3	59.4
10:30-10:35	59.9	58.8	59.7	13:30-13:35	59.7	58.7	58.7	16:30-16:35	61.2	59.0	59.0	19:30-19:35	61.1	59.4
10:35-10:40	59.6	58.8	59.7	13:35-13:40	60.8	59.0	59.0	16:35-16:40	60.2	59.2	59.2	19:35-19:40	60.0	59.3
10:40-10:45	59.8	58.9	59.7	13:40-13:45	62.6	60.7	60.7	16:40-16:45	60.8	59.2	59.2	19:40-19:45	59.9	59.3
10:45-10:50	61.1	59.6	61.4	13:45-13:50	61.4	59.2	59.2	16:45-16:50	60.7	59.2	59.2	19:45-19:50	60.2	59.4
10:50-10:55	60.1	59.4	59.8	13:50-13:55	60.0	58.9	58.9	16:50-16:55	61.0	59.3	59.3	19:50-19:55	60.2	59.5
10:55-11:00	59.9	59.3	59.7	13:55-14:00	59.7	58.9	58.9	16:55-17:00	61.0	59.2	59.2	19:55-20:00	60.0	59.4

## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co.,Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WG84) 47P 0674271 E, 1550801 N  
**Measured Date** : April 26-27, 2024  
**Analysis No.** : 2024-AB865-031  
**Report No.** : 2024-RAAI641  
**Measured By** :  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)										
	Leq	L90	L90		Leq	L90	L90		Leq	L90	L90		Leq	L90	L90								
20:00-20:05	60.1	59.4	23:00-23:05	59.7	59.2	02:00-02:05	58.7	58.3	05:00-05:05	59.1	58.5	20:05-20:10	60.3	59.5	23:05-23:10	59.7	59.1	02:05-02:10	58.6	58.3	05:05-05:10	58.9	58.5
20:05-20:10	60.3	59.5	23:05-23:10	59.7	59.1	02:05-02:10	58.6	58.3	05:05-05:10	58.9	58.5	20:10-20:15	60.3	59.5	23:10-23:15	59.8	59.2	02:10-02:15	58.7	58.3	05:10-05:15	58.9	58.5
20:10-20:15	60.3	59.5	23:10-23:15	59.8	59.2	02:10-02:15	58.8	58.4	05:10-05:15	58.9	58.5	20:15-20:20	60.3	59.5	23:15-23:20	59.8	59.2	02:15-02:20	58.8	58.4	05:15-05:20	58.9	58.5
20:20-20:25	60.4	59.6	23:20-23:25	59.5	59.1	02:20-02:25	58.7	58.3	05:20-05:25	59.0	58.5	20:25-20:30	60.5	59.6	23:25-23:30	59.6	59.1	02:25-02:30	58.6	58.3	05:25-05:30	59.0	58.5
20:25-20:30	60.5	59.6	23:25-23:30	59.6	59.1	02:30-02:35	58.7	58.3	05:30-05:35	59.3	58.6	20:30-20:35	60.3	59.6	23:30-23:35	59.6	59.0	02:30-02:35	58.7	58.2	05:30-05:35	59.3	58.6
20:35-20:40	60.4	59.6	23:35-23:40	59.8	59.1	02:35-02:40	58.7	58.3	05:35-05:40	59.1	58.6	20:40-20:45	60.2	59.5	23:35-23:40	59.8	59.2	02:35-02:40	58.7	58.3	05:35-05:40	59.1	58.6
20:40-20:45	60.2	59.5	23:40-23:45	59.7	59.2	02:40-02:45	58.6	58.3	05:40-05:45	59.0	58.6	20:45-20:50	60.0	59.4	23:45-23:50	59.7	59.1	02:40-02:45	58.6	58.3	05:40-05:45	59.0	58.6
20:45-20:50	60.0	59.4	23:45-23:50	59.7	59.1	02:45-02:50	58.6	58.3	05:45-05:50	59.2	58.6	20:50-20:55	60.1	59.4	23:50-23:55	59.8	59.1	02:45-02:50	58.6	58.3	05:45-05:50	59.2	58.6
20:55-21:00	60.0	59.5	23:55-00:00	59.7	59.0	02:55-03:00	58.7	58.3	05:55-06:00	59.5	58.7	21:00-21:05	60.0	59.4	00:00-00:05	59.6	59.0	02:55-03:00	58.7	58.3	05:55-06:00	59.5	58.7
21:00-21:05	60.0	59.4	00:00-00:05	59.6	59.0	03:00-03:05	58.6	58.2	06:00-06:05	59.4	58.7	21:05-21:10	60.3	59.4	00:05-00:10	59.3	58.8	03:00-03:05	58.6	58.2	06:00-06:05	59.4	58.7
21:05-21:10	60.3	59.4	00:05-00:10	59.3	58.8	03:05-03:10	58.8	58.3	06:05-06:10	59.5	58.8	21:10-21:15	60.0	59.4	00:10-00:15	59.2	58.7	03:10-03:15	58.6	58.2	06:10-06:15	59.5	58.8
21:10-21:15	60.0	59.4	00:10-00:15	59.2	58.7	03:10-03:15	58.6	58.2	06:10-06:15	59.4	58.7	21:15-21:20	61.0	59.4	00:15-00:20	59.4	58.7	03:15-03:20	58.5	58.2	06:15-06:20	59.4	58.7
21:15-21:20	61.0	59.4	00:15-00:20	59.4	58.7	03:15-03:20	58.5	58.2	06:15-06:20	59.4	58.7	21:20-21:25	60.2	59.6	00:20-00:25	59.3	58.7	03:20-03:25	58.6	58.2	06:20-06:25	59.4	58.7
21:20-21:25	60.2	59.6	00:20-00:25	59.3	58.7	03:20-03:25	58.6	58.2	06:20-06:25	59.4	58.7	21:25-21:30	60.1	59.4	00:25-00:30	59.0	58.5	03:25-03:30	58.6	58.2	06:25-06:30	59.4	58.7
21:25-21:30	60.1	59.4	00:25-00:30	59.0	58.5	03:25-03:30	58.6	58.2	06:25-06:30	59.4	58.7	21:30-21:35	60.0	59.4	00:30-00:35	59.1	58.6	03:30-03:35	58.6	58.2	06:30-06:35	59.2	58.7
21:30-21:35	60.0	59.4	00:30-00:35	59.1	58.6	03:30-03:35	58.6	58.2	06:30-06:35	59.2	58.7	21:35-21:40	60.2	59.5	00:35-00:40	59.0	58.5	03:35-03:40	58.6	58.3	06:35-06:40	59.2	58.7
21:40-21:45	60.2	59.5	00:40-00:45	58.9	58.5	03:40-03:45	58.6	58.2	06:40-06:45	59.2	58.7	21:45-21:50	60.1	59.4	00:45-00:50	58.9	58.5	03:45-03:50	58.7	58.3	06:45-06:50	59.3	58.7
21:50-21:55	60.1	59.4	00:50-00:55	58.9	58.5	03:50-03:55	58.9	58.4	06:50-06:55	59.6	58.7	21:55-22:00	60.0	59.4	00:55-01:00	58.8	58.4	03:55-04:00	58.6	58.3	06:55-07:00	59.2	58.7
22:00-22:05	60.0	59.3	01:00-01:05	59.1	58.4	04:00-04:05	58.7	58.3	07:00-07:05	59.7	58.7	22:05-22:10	60.0	59.3	01:05-01:10	58.9	58.4	04:05-04:10	58.7	58.3	07:05-07:10	59.7	58.8
22:05-22:10	60.1	59.4	01:05-01:10	58.9	58.4	04:05-04:10	58.7	58.3	07:10-07:15	59.6	58.8	22:10-22:15	60.0	59.4	01:10-01:15	58.8	58.4	04:10-04:15	58.7	58.3	07:15-07:20	59.6	58.8
22:15-22:20	59.9	59.4	01:15-01:20	58.8	58.4	04:15-04:20	58.7	58.3	07:20-07:25	59.3	58.7	22:20-22:25	60.0	59.3	01:20-01:25	58.8	58.4	04:20-04:25	58.7	58.3	07:25-07:30	59.2	58.7
22:25-22:30	60.0	59.3	01:25-01:30	58.8	58.4	04:25-04:30	58.8	58.5	07:30-07:35	59.3	58.7	22:30-22:35	59.8	59.3	01:30-01:35	58.7	58.4	04:30-04:35	58.8	58.5	07:35-07:40	59.4	58.7
22:35-22:40	59.9	59.2	01:35-01:40	58.9	58.4	04:35-04:40	58.8	58.5	07:40-07:45	59.6	58.8	22:40-22:45	59.9	59.3	01:40-01:45	58.9	58.5	04:40-04:45	59.0	58.5	07:40-07:45	59.6	58.8
22:45-22:50	59.8	59.3	01:45-01:50	58.8	58.4	04:45-04:50	58.9	58.4	07:45-07:50	59.6	58.7	22:50-22:55	59.8	59.3	01:50-01:55	58.8	58.4	04:50-04:55	58.8	58.5	07:50-07:55	59.4	58.7
22:55-22:59	59.8	59.3	01:55-02:00	58.7	58.3	04:55-05:00	58.7	58.3	07:55-08:00	59.3	58.7	23:00-23:05	59.8	59.3	02:00-02:05	58.7	58.3	05:00-05:05	59.0	58.5	07:55-08:00	59.3	58.8





## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co.,Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WG84) 47P 0674271 E, 1550801 N  
**Measured Date** : April 27, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
08:00-08:05	58.5	57.9	11:00-11:05	58.6	58.1	14:00-14:05	59.6	58.6	17:00-17:05	59.4	58.4
08:05-08:10	59.0	58.1	11:05-11:10	59.1	58.4	14:05-14:10	59.3	58.7	17:05-17:10	58.8	58.4
08:10-08:15	58.8	58.1	11:10-11:15	58.6	58.1	14:10-14:15	59.7	58.7	17:10-17:15	58.9	58.3
08:15-08:20	59.2	58.6	11:15-11:20	58.8	58.3	14:15-14:20	59.4	58.7	17:15-17:20	58.9	58.4
08:20-08:25	59.1	58.5	11:20-11:25	58.6	58.2	14:20-14:25	58.9	58.3	17:20-17:25	59.0	58.5
08:25-08:30	59.2	58.6	11:25-11:30	58.6	58.1	14:25-14:30	59.4	58.6	17:25-17:30	59.3	58.7
08:30-08:35	58.9	58.2	11:30-11:35	58.6	58.1	14:30-14:35	59.3	58.6	17:30-17:35	59.2	58.6
08:35-08:40	59.1	58.4	11:35-11:40	58.6	58.1	14:35-14:40	59.4	58.5	17:35-17:40	59.1	58.4
08:40-08:45	59.9	58.2	11:40-11:45	58.8	58.1	14:40-14:45	59.1	58.6	17:40-17:45	58.9	58.4
08:45-08:50	58.7	58.3	11:45-11:50	59.3	58.1	14:45-14:50	60.5	58.9	17:45-17:50	58.8	58.4
08:50-08:55	58.8	58.0	11:50-11:55	59.4	58.0	14:50-14:55	61.5	58.6	17:50-17:55	59.1	58.6
08:55-09:00	58.7	58.4	11:55-12:00	58.8	58.4	14:55-15:00	60.2	59.0	17:55-18:00	59.2	58.7
09:00-09:05	59.5	58.5	12:00-12:05	58.6	58.1	15:00-15:05	59.4	58.4	18:00-18:05	59.2	58.7
09:05-09:10	58.9	58.3	12:05-12:10	58.9	58.3	15:05-15:10	59.2	58.6	18:05-18:10	59.3	58.7
09:10-09:15	58.7	58.1	12:10-12:15	58.6	58.0	15:10-15:15	59.1	58.4	18:10-18:15	59.2	58.7
09:15-09:20	58.6	58.1	12:15-12:20	58.4	57.9	15:15-15:20	59.2	58.3	18:15-18:20	59.7	59.0
09:20-09:25	58.8	58.3	12:20-12:25	58.2	57.6	15:20-15:25	58.9	58.4	18:20-18:25	59.3	58.7
09:25-09:30	58.7	58.2	12:25-12:30	58.7	58.2	15:25-15:30	58.9	58.4	18:25-18:30	59.4	58.6
09:30-09:35	58.7	58.2	12:30-12:35	58.5	58.1	15:30-15:35	59.0	58.4	18:30-18:35	59.4	58.7
09:35-09:40	58.9	58.1	12:35-12:40	58.5	58.1	15:35-15:40	59.0	58.5	18:35-18:40	60.0	58.9
09:40-09:45	58.6	58.2	12:40-12:45	58.4	58.0	15:40-15:45	59.0	58.4	18:40-18:45	59.5	58.8
09:45-09:50	58.7	58.2	12:45-12:50	59.0	58.2	15:45-15:50	59.0	58.4	18:45-18:50	59.4	58.9
09:50-09:55	58.5	58.0	12:50-12:55	58.6	58.1	15:50-15:55	59.0	58.4	18:50-18:55	60.3	59.2
09:55-10:00	59.0	58.1	12:55-13:00	58.5	58.1	15:55-16:00	58.9	58.2	18:55-19:00	59.7	58.8
10:00-10:05	58.6	58.1	13:00-13:05	58.9	58.5	16:00-16:05	58.9	58.4	19:00-19:05	59.6	59.0
10:05-10:10	58.7	58.2	13:05-13:10	59.7	58.4	16:05-16:10	58.7	58.2	19:05-19:10	60.4	59.4
10:10-10:15	58.9	58.1	13:10-13:15	58.9	58.2	16:10-16:15	58.9	58.5	19:10-19:15	59.9	59.0
10:15-10:20	59.2	58.2	13:15-13:20	58.7	58.2	16:15-16:20	58.9	58.3	19:15-19:20	60.1	59.1
10:20-10:25	58.5	58.0	13:20-13:25	58.8	58.3	16:20-16:25	58.8	58.3	19:20-19:25	59.9	59.2
10:25-10:30	59.3	58.4	13:25-13:30	58.8	58.3	16:25-16:30	58.9	58.4	19:25-19:30	60.6	59.1
10:30-10:35	60.0	58.6	13:30-13:35	59.0	58.3	16:30-16:35	58.9	58.4	19:30-19:35	60.0	59.0
10:35-10:40	59.0	58.4	13:35-13:40	58.9	58.3	16:35-16:40	59.4	58.6	19:35-19:40	60.1	58.9
10:40-10:45	58.9	58.3	13:40-13:45	58.7	58.2	16:40-16:45	59.1	58.5	19:40-19:45	60.5	58.5
10:45-10:50	59.0	58.4	13:45-13:50	59.7	58.5	16:45-16:50	59.4	58.8	19:45-19:50	60.4	59.5
10:50-10:55	59.3	58.4	13:50-13:55	59.8	58.6	16:50-16:55	58.9	58.3	19:50-19:55	59.8	59.3
10:55-11:00	58.6	58.3	13:55-14:00	58.6	58.4	16:55-17:00	58.6	58.2	19:55-20:00	59.9	59.1



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co.,Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WG84) 47P 0674271 E, 1550801 N  
**Measured Date** : April 27-28, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			
	Leq	L90	L95		Leq	L90	L95		Leq	L90	L95	
20:00-20:05	60.2	59.2	59.2	23:00-23:05	59.2	58.8	02:00-02:05	58.5	58.1	05:00-05:05	58.5	58.1
20:05-20:10	60.6	59.4	59.1	23:05-23:10	59.1	58.7	02:05-02:10	58.3	58.0	05:05-05:10	58.8	58.1
20:10-20:15	60.9	59.5	59.3	23:10-23:15	59.4	58.7	02:10-02:15	58.4	58.0	05:10-05:15	58.8	58.2
20:15-20:20	60.4	59.5	59.3	23:15-23:20	59.3	58.6	02:15-02:20	58.3	58.1	05:15-05:20	58.5	58.1
20:20-20:25	59.9	59.3	59.2	23:20-23:25	59.2	58.7	02:20-02:25	58.6	58.1	05:20-05:25	58.8	58.3
20:25-20:30	60.5	59.3	59.3	23:25-23:30	59.0	58.6	02:25-02:30	58.3	58.0	05:25-05:30	58.8	58.3
20:30-20:35	59.9	59.4	59.3	23:30-23:35	59.1	58.6	02:30-02:35	58.3	58.0	05:30-05:35	58.8	58.4
20:35-20:40	59.9	59.3	59.3	23:35-23:40	59.5	58.8	02:35-02:40	58.3	57.9	05:35-05:40	58.8	58.3
20:40-20:45	60.7	59.5	59.2	23:40-23:45	59.8	59.2	02:40-02:45	58.4	58.0	05:40-05:45	58.9	58.3
20:45-20:50	60.4	59.4	59.1	23:45-23:50	59.6	59.1	02:45-02:50	58.5	58.2	05:45-05:50	58.9	58.3
20:50-20:55	60.5	59.6	59.5	23:50-23:55	59.5	58.9	02:50-02:55	58.4	58.1	05:50-05:55	59.2	58.4
20:55-21:00	60.1	59.6	59.2	23:55-00:00	59.7	59.2	02:55-03:00	58.7	58.2	05:55-06:00	59.0	58.3
21:00-21:05	60.1	59.3	59.2	00:00-00:05	59.8	59.2	03:00-03:05	58.7	58.1	06:00-06:05	59.0	58.3
21:05-21:10	60.6	59.4	59.1	00:05-00:10	59.1	58.5	03:05-03:10	58.6	58.1	06:05-06:10	59.2	58.3
21:10-21:15	59.7	59.2	58.7	00:10-00:15	58.7	58.3	03:10-03:15	58.4	58.0	06:10-06:15	58.8	58.2
21:15-21:20	60.2	59.2	59.6	00:15-00:20	59.6	58.4	03:15-03:20	58.3	57.9	06:15-06:20	58.8	58.2
21:20-21:25	59.9	59.3	59.2	00:20-00:25	59.2	58.6	03:20-03:25	58.3	58.0	06:20-06:25	58.8	58.3
21:25-21:30	59.7	59.1	58.7	00:25-00:30	58.7	58.1	03:25-03:30	58.4	58.0	06:25-06:30	59.0	58.3
21:30-21:35	59.7	59.2	58.9	00:30-00:35	58.9	58.2	03:30-03:35	58.4	58.0	06:30-06:35	58.7	58.3
21:35-21:40	60.0	59.3	58.7	00:35-00:40	58.7	58.2	03:35-03:40	58.5	58.1	06:35-06:40	58.7	58.2
21:40-21:45	60.1	59.3	58.7	00:40-00:45	58.5	58.1	03:40-03:45	58.4	58.0	06:40-06:45	59.1	58.3
21:45-21:50	59.7	59.1	58.6	00:45-00:50	58.6	58.1	03:45-03:50	58.4	58.0	06:45-06:50	59.0	58.5
21:50-21:55	60.1	59.4	58.4	00:50-00:55	58.4	58.1	03:50-03:55	58.3	57.9	06:50-06:55	58.9	58.4
21:55-22:00	59.7	59.1	58.7	00:55-01:00	58.7	58.1	03:55-04:00	58.4	58.0	06:55-07:00	58.9	58.4
22:00-22:05	59.6	59.1	58.9	01:00-01:05	58.9	58.2	04:00-04:05	58.6	58.1	07:00-07:05	58.9	58.5
22:05-22:10	60.1	59.4	58.6	01:05-01:10	58.6	58.1	04:05-04:10	58.6	58.1	07:05-07:10	59.2	58.5
22:10-22:15	59.9	59.3	58.7	01:10-01:15	58.7	58.0	04:10-04:15	58.4	58.0	07:10-07:15	59.1	58.5
22:15-22:20	59.8	59.3	58.1	01:15-01:20	58.6	58.1	04:15-04:20	58.5	58.1	07:15-07:20	59.0	58.4
22:20-22:25	59.8	59.1	58.6	01:20-01:25	58.6	58.1	04:20-04:25	58.4	58.0	07:20-07:25	59.9	58.5
22:25-22:30	59.6	59.0	58.6	01:25-01:30	58.6	58.1	04:25-04:30	58.5	58.1	07:25-07:30	58.9	58.4
22:30-22:35	59.1	58.7	58.0	01:30-01:35	58.4	58.0	04:30-04:35	58.4	58.1	07:30-07:35	59.0	58.2
22:35-22:40	59.3	58.8	58.0	01:35-01:40	58.6	58.0	04:35-04:40	58.7	58.2	07:35-07:40	58.7	58.2
22:40-22:45	59.2	58.7	58.1	01:40-01:45	58.9	58.2	04:40-04:45	58.5	58.1	07:40-07:45	58.7	58.2
22:45-22:50	59.3	58.8	58.0	01:45-01:50	59.2	58.6	04:45-04:50	58.5	58.1	07:45-07:50	58.8	58.2
22:50-22:55	59.3	58.7	58.0	01:50-01:55	58.3	58.0	04:50-04:55	58.5	58.1	07:50-07:55	58.8	58.3
22:55-23:00	59.8	58.8	58.0	01:55-02:00	58.4	58.0	04:55-05:00	58.5	58.1	07:55-08:00	58.4	58.3





## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674271 E, 1550801 N  
**Measured Date** : April 28, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : [REDACTED]  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time			Noise Level For 5 minutes, dB(A)		
	Leq	L90	L50	Interval Time	Leq	L90	Interval Time	Leq	L90
08:00-08:05	59.1	56.1	58.8	11:00-11:05	58.8	58.4	14:00-14:05	59.9	59.1
08:05-08:10	59.8	58.4	58.8	11:05-11:10	58.8	58.3	14:05-14:10	59.7	58.9
08:10-08:15	58.7	58.2	58.8	11:10-11:15	58.9	58.2	14:10-14:15	59.8	58.9
08:15-08:20	58.8	58.3	58.8	11:15-11:20	58.5	57.8	14:15-14:20	60.1	59.0
08:20-08:25	58.9	58.2	58.8	11:20-11:25	59.2	58.6	14:20-14:25	59.4	58.6
08:25-08:30	58.5	58.0	58.8	11:25-11:30	59.6	58.5	14:25-14:30	59.7	58.9
08:30-08:35	59.1	58.1	58.8	11:30-11:35	59.0	58.3	14:30-14:35	59.4	58.7
08:35-08:40	59.3	58.2	58.8	11:35-11:40	58.9	58.1	14:35-14:40	59.2	58.4
08:40-08:45	59.1	58.2	58.8	11:40-11:45	59.6	58.6	14:40-14:45	59.2	58.6
08:45-08:50	58.8	58.3	58.8	11:45-11:50	59.4	58.4	14:45-14:50	59.4	58.5
08:50-08:55	58.8	58.2	58.8	11:50-11:55	58.5	58.1	14:50-14:55	59.3	58.8
08:55-09:00	58.8	58.3	58.8	11:55-12:00	58.9	58.3	14:55-15:00	59.0	58.6
09:00-09:05	59.1	58.1	58.8	12:00-12:05	58.7	58.2	15:00-15:05	59.2	58.7
09:05-09:10	59.3	58.4	58.8	12:05-12:10	58.8	58.3	15:05-15:10	59.7	58.8
09:10-09:15	58.9	58.4	58.8	12:10-12:15	59.3	58.2	15:10-15:15	59.8	58.7
09:15-09:20	59.2	58.5	58.8	12:15-12:20	58.6	58.0	15:15-15:20	59.8	58.6
09:20-09:25	58.9	58.3	58.8	12:20-12:25	59.1	58.4	15:20-15:25	59.7	58.9
09:25-09:30	58.6	58.0	58.8	12:25-12:30	58.9	58.3	15:25-15:30	59.7	58.9
09:30-09:35	58.6	58.1	58.8	12:30-12:35	58.8	58.1	15:30-15:35	59.0	58.5
09:35-09:40	58.8	58.3	58.8	12:35-12:40	59.2	58.2	15:35-15:40	59.0	58.4
09:40-09:45	58.8	58.1	58.8	12:40-12:45	59.4	58.2	15:40-15:45	59.6	58.6
09:45-09:50	59.5	58.0	58.8	12:45-12:50	59.1	58.3	15:45-15:50	60.0	59.0
09:50-09:55	58.9	58.1	58.8	12:50-12:55	58.8	58.2	15:50-15:55	60.2	59.3
09:55-10:00	58.8	58.1	58.8	12:55-13:00	58.8	58.2	15:55-16:00	60.2	59.3
10:00-10:05	58.8	58.1	58.8	13:00-13:05	58.4	57.9	16:00-16:05	59.5	58.9
10:05-10:10	58.7	58.2	58.8	13:05-13:10	58.6	58.1	16:05-16:10	59.5	58.8
10:10-10:15	58.8	58.3	58.8	13:10-13:15	58.9	58.4	16:10-16:15	59.6	58.8
10:15-10:20	59.0	58.4	58.8	13:15-13:20	58.9	58.3	16:15-16:20	60.3	58.9
10:20-10:25	58.5	58.0	58.8	13:20-13:25	59.1	58.5	16:20-16:25	59.4	58.7
10:25-10:30	58.7	58.0	58.8	13:25-13:30	59.2	58.6	16:25-16:30	59.0	58.4
10:30-10:35	58.6	58.2	58.8	13:30-13:35	58.9	58.2	16:30-16:35	59.2	58.4
10:35-10:40	59.1	58.4	58.8	13:35-13:40	59.7	58.9	16:35-16:40	59.5	58.6
10:40-10:45	59.0	58.1	58.8	13:40-13:45	60.4	59.1	16:40-16:45	59.1	58.4
10:45-10:50	58.6	58.1	58.8	13:45-13:50	60.2	59.3	16:45-16:50	58.9	58.5
10:50-10:55	58.5	57.9	58.8	13:50-13:55	60.6	59.4	16:50-16:55	59.3	58.6
10:55-11:00	58.5	58.0	58.8	13:55-14:00	59.6	58.4	16:55-17:00	58.6	58.1



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674271 E, 1550801 N  
**Measured Date** : April 28-29, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : [REDACTED]  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time			Noise Level For 5 minutes, dB(A)		
	Leq	L90	L50	Interval Time	Leq	L90	Interval Time	Leq	L90
20:00-20:05	60.1	59.4	59.4	23:00-23:05	59.4	59.0	02:00-02:05	58.6	58.1
20:05-20:10	60.3	59.5	59.5	23:05-23:10	59.3	58.9	02:05-02:10	58.6	58.2
20:10-20:15	60.6	59.7	59.7	23:10-23:15	59.6	58.8	02:10-02:15	58.6	58.2
20:15-20:20	60.6	59.7	59.7	23:15-23:20	60.0	59.2	02:15-02:20	58.5	58.1
20:20-20:25	61.0	59.9	59.9	23:20-23:25	59.5	58.9	02:20-02:25	58.4	58.1
20:25-20:30	60.8	59.7	59.7	23:25-23:30	59.6	58.9	02:25-02:30	58.7	58.2
20:30-20:35	60.4	59.7	59.7	23:30-23:35	59.2	58.7	02:30-02:35	58.5	58.0
20:35-20:40	60.9	60.0	59.6	23:35-23:40	59.6	58.9	02:35-02:40	58.6	58.2
20:40-20:45	60.4	59.8	59.8	23:40-23:45	59.3	58.7	02:40-02:45	58.5	58.2
20:45-20:50	60.3	59.6	59.6	23:45-23:50	59.5	58.6	02:45-02:50	58.5	58.1
20:50-20:55	60.4	59.7	59.7	23:50-23:55	59.5	58.7	02:50-02:55	59.2	58.4
20:55-21:00	60.1	59.4	59.4	23:55-00:00	59.3	58.5	02:55-03:00	58.4	58.0
21:00-21:05	59.8	59.4	59.4	00:00-00:05	59.1	58.5	03:00-03:05	58.3	57.9
21:05-21:10	60.2	59.5	59.5	00:05-00:10	59.1	58.6	03:05-03:10	58.3	58.0
21:10-21:15	60.4	59.7	59.7	00:10-00:15	59.6	58.7	03:10-03:15	58.4	58.0
21:15-21:20	60.9	59.7	59.7	00:15-00:20	59.3	58.6	03:15-03:20	58.4	58.1
21:20-21:25	60.5	59.8	59.8	00:20-00:25	59.5	58.8	03:20-03:25	58.4	58.0
21:25-21:30	60.5	59.7	59.7	00:25-00:30	58.9	58.4	03:25-03:30	58.4	58.1
21:30-21:35	60.0	59.3	59.3	00:30-00:35	59.3	58.6	03:30-03:35	58.4	58.0
21:35-21:40	60.2	59.5	59.5	00:35-00:40	58.8	58.3	03:35-03:40	58.3	58.0
21:40-21:45	61.0	60.0	60.0	00:40-00:45	58.6	58.2	03:40-03:45	58.2	57.9
21:45-21:50	61.1	59.8	59.8	00:45-00:50	58.7	58.3	03:45-03:50	58.3	58.0
21:50-21:55	61.1	60.0	60.0	00:50-00:55	58.7	58.2	03:50-03:55	58.3	57.9
21:55-22:00	60.4	59.8	59.8	00:55-01:00	58.6	58.2	03:55-04:00	58.3	58.0
22:00-22:05	60.7	59.6	59.6	01:00-01:05	58.5	58.0	04:00-04:05	58.2	57.9
22:05-22:10	60.8	59.7	59.7	01:05-01:10	58.5	58.1	04:05-04:10	58.3	58.0
22:10-22:15	60.4	59.7	59.7	01:10-01:15	58.4	58.0	04:10-04:15	58.2	57.9
22:15-22:20	60.3	59.6	59.6	01:15-01:20	58.5	58.1	04:15-04:20	58.3	58.0
22:20-22:25	60.2	59.4	59.4	01:20-01:25	58.4	58.0	04:20-04:25	58.3	58.0
22:25-22:30	60.3	59.5	59.5	01:25-01:30	58.3	58.0	04:25-04:30	58.4	58.0
22:30-22:35	60.0	59.5	59.5	01:30-01:35	58.3	58.0	04:30-04:35	58.6	58.1
22:35-22:40	60.1	59.4	59.4	01:35-01:40	58.4	58.0	04:35-04:40	58.8	58.4
22:40-22:45	60.1	59.5	59.5	01:40-01:45	58.2	57.9	04:40-04:45	59.3	58.6
22:45-22:50	60.1	59.4	59.4	01:45-01:50	58.4	58.1	04:45-04:50	58.8	58.2
22:50-22:55	60.2	58.4	58.4	01:50-01:55	58.3	58.0	04:50-04:55	58.4	58.0
22:55-23:00	59.5	59.0	59.0	01:55-02:00	58.5	58.0	04:55-05:00	58.8	58.2





## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd.,  
Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WG84) 47P 0674271 E, 1550801 N  
**Measured Date** : April 29, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

**Report No.** : 2024-RAAI641  
**Report Date** : May 14, 2024

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-031

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Noise Level For 5 minutes, dB(A)
	Leq	L90	L50		Leq	L90	L50		Leq	L90	L50	
08:00-08:05	59.1	58.5	11:00-11:05	60.2	59.5	14:00-14:05	59.7	59.0	17:00-17:05	59.5	58.7	59.0
08:05-08:10	59.3	58.6	11:05-11:10	60.2	59.5	14:05-14:10	59.8	59.3	17:05-17:10	60.3	58.9	58.9
08:10-08:15	59.3	58.6	11:10-11:15	60.0	59.5	14:10-14:15	59.8	59.3	17:10-17:15	60.2	59.0	59.0
08:15-08:20	59.6	58.8	11:15-11:20	61.9	59.6	14:15-14:20	60.0	59.1	17:15-17:20	59.5	58.9	58.9
08:20-08:25	60.1	58.7	11:20-11:25	60.1	59.4	14:20-14:25	59.5	58.9	17:20-17:25	62.4	58.8	58.8
08:25-08:30	60.5	58.8	11:25-11:30	60.3	59.4	14:25-14:30	59.9	59.3	17:25-17:30	61.0	59.2	59.2
08:30-08:35	59.8	58.7	11:30-11:35	60.2	59.6	14:30-14:35	60.1	59.2	17:30-17:35	61.3	59.3	59.3
08:35-08:40	59.2	58.4	11:35-11:40	59.2	58.6	14:35-14:40	60.9	60.2	17:35-17:40	63.0	59.6	59.6
08:40-08:45	60.0	58.5	11:40-11:45	59.0	58.5	14:40-14:45	60.2	59.5	17:40-17:45	62.5	59.7	59.7
08:45-08:50	60.0	58.8	11:45-11:50	59.5	58.7	14:45-14:50	59.8	59.0	17:45-17:50	62.8	59.7	59.7
08:50-08:55	59.7	59.2	11:50-11:55	60.0	59.0	14:50-14:55	59.6	59.0	17:50-17:55	62.8	60.0	60.0
08:55-09:00	59.9	59.3	11:55-12:00	59.5	58.9	14:55-15:00	59.6	58.8	17:55-18:00	60.6	59.1	59.1
09:00-09:05	60.1	59.5	12:00-12:05	60.0	58.9	15:00-15:05	59.5	59.1	18:00-18:05	59.9	59.0	59.0
09:05-09:10	59.7	59.2	12:05-12:10	60.7	59.1	15:05-15:10	60.3	58.9	18:05-18:10	60.4	59.4	59.4
09:10-09:15	59.9	59.4	12:10-12:15	59.2	58.5	15:10-15:15	59.6	59.0	18:10-18:15	63.1	59.3	59.3
09:15-09:20	60.3	59.5	12:15-12:20	59.8	58.9	15:15-15:20	60.3	58.9	18:15-18:20	62.5	59.1	59.1
09:20-09:25	60.2	59.2	12:20-12:25	60.2	58.7	15:20-15:25	59.2	58.6	18:20-18:25	59.9	59.0	59.0
09:25-09:30	60.7	59.2	12:25-12:30	59.8	58.9	15:25-15:30	59.2	58.6	18:25-18:30	59.8	59.2	59.2
09:30-09:35	59.7	58.9	12:30-12:35	60.7	59.1	15:30-15:35	59.4	58.8	18:30-18:35	59.5	59.1	59.1
09:35-09:40	60.0	59.2	12:35-12:40	61.6	60.0	15:35-15:40	59.8	58.9	18:35-18:40	59.8	59.1	59.1
09:40-09:45	62.5	59.3	12:40-12:45	61.5	59.6	15:40-15:45	59.5	58.8	18:40-18:45	61.2	59.3	59.3
09:45-09:50	63.0	60.0	12:45-12:50	60.7	59.1	15:45-15:50	59.4	58.8	18:45-18:50	60.0	59.0	59.0
09:50-09:55	62.8	59.5	12:50-12:55	61.2	59.2	15:50-15:55	59.6	58.8	18:50-18:55	59.3	58.8	58.8
09:55-10:00	62.8	59.5	12:55-13:00	60.0	58.8	15:55-16:00	61.0	58.9	18:55-19:00	59.6	59.0	59.0
10:00-10:05	62.5	59.6	13:00-13:05	59.2	58.6	16:00-16:05	60.0	58.9	19:00-19:05	60.2	59.1	59.1
10:05-10:10	63.5	59.7	13:05-13:10	59.6	58.9	16:05-16:10	59.6	58.8	19:05-19:10	59.6	59.1	59.1
10:10-10:15	61.7	59.3	13:10-13:15	60.0	58.9	16:10-16:15	59.1	58.5	19:10-19:15	59.7	59.2	59.2
10:15-10:20	61.8	59.6	13:15-13:20	59.6	58.9	16:15-16:20	59.3	58.7	19:15-19:20	59.8	59.3	59.3
10:20-10:25	62.6	59.4	13:20-13:25	59.6	58.9	16:20-16:25	59.9	58.8	19:20-19:25	59.5	59.0	59.0
10:25-10:30	62.8	59.7	13:25-13:30	59.6	59.1	16:25-16:30	60.6	58.9	19:25-19:30	60.4	59.2	59.2
10:30-10:35	62.4	59.3	13:30-13:35	62.4	59.3	16:30-16:35	59.5	58.9	19:30-19:35	60.0	59.3	59.3
10:35-10:40	60.7	59.3	13:35-13:40	62.6	60.0	16:35-16:40	59.4	58.9	19:35-19:40	59.7	59.2	59.2
10:40-10:45	60.1	59.5	13:40-13:45	62.6	60.6	16:40-16:45	60.5	59.5	19:40-19:45	59.6	59.2	59.2
10:45-10:50	60.1	59.5	13:45-13:50	64.4	60.1	16:45-16:50	59.2	57.2	19:45-19:50	59.8	59.2	59.2
10:50-10:55	60.1	59.5	13:50-13:55	59.5	58.8	16:50-16:55	60.0	58.9	19:50-19:55	59.9	59.3	59.3
10:55-11:00	60.0	59.5	13:55-14:00	59.9	59.1	16:55-17:00	58.8	58.8	19:55-20:00	60.0	59.5	59.5

Laboratory Reviewer

Laboratory Supervisor

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REPORT ANALYSIS REFERS TO SUBMITTED SAMPLE (S) ONLY

## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Project's Fence Located Adjacent to the Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd.,  
Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WG84) 47P 0674271 E, 1550801 N  
**Measured Date** : April 29-30, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820864

**Report No.** : 2024-RAAI641  
**Report Date** : May 14, 2024

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-031

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Noise Level For 5 minutes, dB(A)
	Leq	L90	L50		Leq	L90	L50		Leq	L90	L50	
20:00-20:05	60.6	59.7	23:00-23:05	59.4	59.1	02:00-02:05	58.9	58.5	05:00-05:05	59.0	58.7	58.7
20:05-20:10	60.6	59.5	23:05-23:10	59.4	59.0	02:05-02:10	58.8	58.5	05:05-05:10	59.0	58.6	58.6
20:10-20:15	60.7	59.6	23:10-23:15	59.5	59.2	02:10-02:15	58.7	58.3	05:10-05:15	59.1	58.7	58.7
20:15-20:20	61.4	59.7	23:15-23:20	59.4	59.0	02:15-02:20	59.1	58.5	05:15-05:20	59.0	58.6	58.6
20:20-20:25	60.2	59.6	23:20-23:25	59.2	58.9	02:20-02:25	58.7	58.2	05:20-05:25	59.1	58.6	58.6
20:25-20:30	60.2	59.5	23:25-23:30	59.7	59.2	02:25-02:30	58.6	58.3	05:25-05:30	59.1	58.6	58.6
20:30-20:35	60.5	59.5	23:30-23:35	59.9	59.3	02:30-02:35	58.8	58.5	05:30-05:35	59.4	58.7	58.7
20:35-20:40	60.6	59.7	23:35-23:40	60.0	59.3	02:35-02:40	59.1	58.5	05:35-05:40	59.1	58.6	58.6
20:40-20:45	60.3	59.5	23:40-23:45	59.9	59.4	02:40-02:45	58.8	58.5	05:40-05:45	59.1	58.6	58.6
20:45-20:50	60.0	59.5	23:45-23:50	59.7	59.3	02:45-02:50	58.6	58.3	05:45-05:50	59.4	58.8	58.8
20:50-20:55	60.7	59.8	23:50-23:55	60.3	59.4	02:50-02:55	58.6	58.3	05:50-05:55	59.2	58.7	58.7
20:55-21:00	60.9	60.0	23:55-00:00	59.8	59.2	02:55-03:00	58.8	58.4	05:55-06:00	59.5	58.8	58.8
21:00-21:05	60.6	60.0	00:00-00:05	59.7	59.3	03:00-03:05	58.7	58.4	06:00-06:05	59.2	58.8	58.8
21:05-21:10	60.2	59.5	00:05-00:10	59.6	59.1	03:05-03:10	59.0	58.4	06:05-06:10	59.2	58.9	58.9
21:10-21:15	60.6	60.0	00:10-00:15	59.5	58.9	03:10-03:15	58.6	58.3	06:10-06:15	60.0	59.1	59.1
21:15-21:20	61.9	59.8	00:15-00:20	59.9	59.2	03:15-03:20	58.7	58.4	06:15-06:20	59.4	58.9	58.9
21:20-21:25	60.5	59.8	00:20-00:25	59.7	59.1	03:20-03:25	58.7	58.4	06:20-06:25	59.3	58.9	58.9
21:25-21:30	60.7	59.8	00:25-00:30	59.3	58.9	03:25-03:30	58.7	58.3	06:25-06:30	59.3	58.9	58.9
21:30-21:35	60.8	60.0	00:30-00:35	59.6	59.0	03:30-03:35	58.0	58.4	06:30-06:35	59.4	58.9	58.9
21:35-21:40	60.7	60.0	00:35-00:40	59.5	58.9	03:35-03:40	58.7	58.4	06:35-06:40	59.1	58.7	58.7
21:40-21:45	60.4	59.5	00:40-00:45	59.3	58.8	03:40-03:45	58.7	58.3	06:40-06:45	59.2	58.8	58.8
21:45-21:50	60.5	59.6	00:45-00:50	59.2	58.7	03:45-03:50	58.8	58.4	06:45-06:50	59.2	58.8	58.8
21:50-21:55	60.2	59.7	00:50-00:55	59.4	58.8	03:50-03:55	58.8	58.5	06:50-06:55	59.6	58.9	58.9
21:55-22:00	60.4	59.5	00:55-01:00	59.2	58.7	03:55-04:00	58.8	58.5	06:55-07:00	59.6	58.9	58.9
22:00-22:05	59.9	59.4	01:00-01:05	60.3	58.8	04:00-04:05	58.8	58.4	07:00-07:05	60.0	58.8	58.8
22:05-22:10	60.1	59.5	01:05-01:10	59.6	59.0	04:05-04:10	58.8	58.5	07:05-07:10	59.5	58.9	58.9
22:10-22:15	60.3	59.8	01:10-01:15	59.1	58.6	04:10-04:15	58.8	58.5	07:10-07:15	59.6	58.8	58.8
22:15-22:20	60.1	59.6	01:15-01:20	59.1	58.7	04:15-04:20	58.9	58.5	07:15-07:20	59.5	58.8	58.8
22:20-22:25	60.0	59.4	01:20-01:25	59.2	58.7	04:20-04:25	58.9	58.5	07:20-07:25	59.4	58.8	58.8
22:25-22:30	59.8	59.2	01:25-01:30	59.3	58.8	04:25-04:30	58.8	58.5	07:25-07:30	59.3	58.8	58.8
22:30-22:35	60.2	59.3	01:30-01:35	59.2	58.7	04:30-04:35	58.9	58.5	07:30-07:35	59.5	58.8	58.8
22:35-22:40	59.7	59.2	01:35-01:40	59.3	58.7	04:35-04:40	58.8	58.5	07:35-07:40	59.5	59.0	59.0
22:40-22:45	59.6	59.2	01:40-01:45	59.2	58.7	04:40-04:45	59.2	58.6	07:40-07:45	60.1	59.1	59.1
22:45-22:50	59.7	59.2	01:45-01:50	59.1	58.7	04:45-04:50	59.0	58.5	07:45-07:50	60.1	59.0	59.0
22:50-22:55	59.6	59.1	01:50-01:55	59.1	58.7	04:50-04:55	59.0	58.6	07:50-07:55	59.8	59.1	59.1
22:55-23:00	59.4	59.0	01:55-02:00	59.1	58.7	04:55-05:00	59.4	58.7	07:55-08:00	59.5	59.0	59.0





ANALYSIS REPORT

Customer Name : Klong Luang Utilities Company Limited  
Address : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
Project Name : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
Project Location : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
Measured Source : Ambient Noise  
Measured Point : Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
GPS. Coordinate : UTM (WGS84) 47P 0674301 E, 1550827 N  
Measured Date : April 23-24, 2024  
Measured By : [REDACTED]  
Analyzed By : Environment Research & Technology Co., Ltd.  
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
20:00-20:05	55.0	54.3	23:00-23:05	54.3	53.7	02:00-02:05	53.3	52.8	05:00-05:05	54.2	53.6
20:05-20:10	55.2	54.1	23:05-23:10	54.8	54.0	02:05-02:10	53.6	52.8	05:05-05:10	54.3	53.8
20:10-20:15	55.1	54.3	23:10-23:15	54.4	53.7	02:10-02:15	53.8	53.2	05:10-05:15	54.4	53.5
20:15-20:20	55.1	54.3	23:15-23:20	54.0	53.4	02:15-02:20	55.2	52.9	05:15-05:20	54.3	53.5
20:20-20:25	55.0	54.4	23:20-23:25	54.1	53.4	02:20-02:25	53.9	53.0	05:20-05:25	54.0	53.5
20:25-20:30	56.4	54.7	23:25-23:30	54.3	53.3	02:25-02:30	53.7	53.0	05:25-05:30	54.8	53.6
20:30-20:35	55.6	54.5	23:30-23:35	54.4	53.7	02:30-02:35	53.8	53.1	05:30-05:35	52.2	53.8
20:35-20:40	55.6	54.8	23:35-23:40	53.9	53.2	02:35-02:40	53.7	53.0	05:35-05:40	54.4	53.5
20:40-20:45	56.1	54.9	23:40-23:45	54.5	53.5	02:40-02:45	54.1	53.3	05:40-05:45	55.3	54.1
20:45-20:50	55.9	54.3	23:45-23:50	54.1	52.9	02:45-02:50	54.0	53.3	05:45-05:50	55.3	53.8
20:50-20:55	55.4	54.5	23:50-23:55	53.4	52.9	02:50-02:55	53.6	53.0	05:50-05:55	54.7	53.8
20:55-21:00	55.3	54.5	23:55-00:00	55.3	53.6	02:55-03:00	53.7	52.8	05:55-06:00	54.5	53.8
21:00-21:05	55.1	54.2	00:00-00:05	53.8	53.2	03:00-03:05	53.7	53.0	06:00-06:05	54.0	53.6
21:05-21:10	55.6	54.6	00:05-00:10	53.6	53.0	03:05-03:10	53.7	53.0	06:05-06:10	55.2	54.0
21:10-21:15	55.4	54.5	00:10-00:15	53.6	53.1	03:10-03:15	53.5	52.8	06:10-06:15	55.3	54.1
21:15-21:20	55.9	54.7	00:15-00:20	53.6	52.9	03:15-03:20	53.5	52.8	06:15-06:20	54.5	53.6
21:20-21:25	55.6	54.6	00:20-00:25	54.6	53.5	03:20-03:25	53.3	52.8	06:20-06:25	54.3	53.6
21:25-21:30	57.3	55.1	00:25-00:30	54.5	53.6	03:25-03:30	53.3	52.8	06:25-06:30	54.7	53.8
21:30-21:35	55.6	54.6	00:30-00:35	54.6	53.8	03:30-03:35	53.5	53.0	06:30-06:35	55.2	53.3
21:35-21:40	55.2	54.4	00:35-00:40	54.3	53.7	03:35-03:40	54.3	53.2	06:35-06:40	54.6	53.4
21:40-21:45	55.5	54.5	00:40-00:45	54.4	53.7	03:40-03:45	54.0	53.3	06:40-06:45	53.9	53.3
21:45-21:50	55.7	54.4	00:45-00:50	54.0	53.1	03:45-03:50	53.5	52.8	06:45-06:50	54.0	53.2
21:50-21:55	55.0	54.4	00:50-00:55	54.0	53.1	03:50-03:55	53.9	53.4	06:50-06:55	54.0	53.3
21:55-22:00	55.6	54.6	00:55-01:00	53.9	53.3	03:55-04:00	53.7	53.2	06:55-07:00	53.7	53.1
22:00-22:05	55.1	54.2	01:00-01:05	54.1	53.4	04:00-04:05	54.2	53.2	07:00-07:05	54.6	53.3
22:05-22:10	55.0	54.2	01:05-01:10	54.2	53.5	04:05-04:10	54.5	53.5	07:05-07:10	54.5	53.5
22:10-22:15	54.8	54.1	01:10-01:15	53.7	53.1	04:10-04:15	54.6	53.8	07:10-07:15	54.3	53.4
22:15-22:20	54.8	54.2	01:15-01:20	53.7	53.1	04:15-04:20	54.4	53.6	07:15-07:20	54.3	53.6
22:20-22:25	55.4	54.5	01:20-01:25	53.8	53.2	04:20-04:25	55.0	53.5	07:20-07:25	55.0	54.0
22:25-22:30	56.0	54.4	01:25-01:30	53.7	53.0	04:25-04:30	54.1	53.3	07:25-07:30	54.5	53.5
22:30-22:35	55.4	54.4	01:30-01:35	54.2	53.4	04:30-04:35	54.3	53.6	07:30-07:35	54.7	53.7
22:35-22:40	55.1	54.3	01:35-01:40	54.9	53.6	04:35-04:40	54.5	53.5	07:35-07:40	55.0	53.9
22:40-22:45	55.1	54.3	01:40-01:45	54.3	53.3	04:40-04:45	54.1	53.4	07:40-07:45	55.2	54.0
22:45-22:50	55.2	54.1	01:45-01:50	54.6	53.4	04:45-04:50	54.3	53.5	07:45-07:50	54.4	53.5
22:50-22:55	55.1	54.2	01:50-01:55	54.1	53.3	04:50-04:55	54.4	53.4	07:50-07:55	54.6	53.6
22:55-23:00	54.6	53.9	01:55-02:00	53.5	52.8	04:55-05:00	54.3	53.4	07:55-08:00	55.4	54.1



ANALYSIS REPORT

Customer Name : Klong Luang Utilities Company Limited  
Address : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
Project Name : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
Project Location : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
Measured Source : Ambient Noise  
Measured Point : Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
GPS. Coordinate : UTM (WGS84) 47P 0674301 E, 1550827 N  
Measured Date : April 23, 2024  
Measured By : [REDACTED]  
Analyzed By : Environment Research & Technology Co., Ltd.  
Measured Instrument : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
08:00-08:05	55.3	53.6	11:00-11:05	55.7	54.9	14:00-14:05	60.0	54.5	17:00-17:05	54.3	53.8
08:05-08:10	55.1	53.5	11:05-11:10	55.7	54.6	14:05-14:10	55.5	54.8	17:05-17:10	55.1	54.2
08:10-08:15	54.3	53.4	11:10-11:15	55.1	54.6	14:10-14:15	55.4	54.6	17:10-17:15	55.9	54.0
08:15-08:20	55.4	54.2	11:15-11:20	55.2	54.5	14:15-14:20	56.1	54.6	17:15-17:20	54.9	53.9
08:20-08:25	55.5	53.8	11:20-11:25	55.4	54.6	14:20-14:25	56.0	55.1	17:20-17:25	54.8	53.9
08:25-08:30	57.3	53.7	11:25-11:30	55.4	54.7	14:25-14:30	55.5	54.8	17:25-17:30	55.7	54.2
08:30-08:35	55.6	53.5	11:30-11:35	55.2	54.3	14:30-14:35	56.4	55.1	17:30-17:35	57.5	54.7
08:35-08:40	55.2	53.7	11:35-11:40	55.6	54.9	14:35-14:40	56.7	55.5	17:35-17:40	56.0	54.6
08:40-08:45	55.9	54.2	11:40-11:45	56.3	54.7	14:40-14:45	55.8	54.7	17:40-17:45	55.4	54.1
08:45-08:50	56.4	54.6	11:45-11:50	55.5	54.4	14:45-14:50	56.3	55.2	17:45-17:50	54.9	54.1
08:50-08:55	55.3	54.6	11:50-11:55	55.2	54.3	14:50-14:55	56.3	55.2	17:50-17:55	55.0	54.1
08:55-09:00	55.3	54.5	11:55-12:00	56.1	54.4	14:55-15:00	55.7	54.6	17:55-18:00	55.0	54.2
09:00-09:05	55.7	54.5	12:00-12:05	55.0	54.4	15:00-15:05	56.1	55.0	18:00-18:05	55.0	54.1
09:05-09:10	56.2	54.4	12:05-12:10	54.7	53.9	15:05-15:10	56.4	55.1	18:05-18:10	54.5	53.7
09:10-09:15	56.0	54.3	12:10-12:15	55.5	54.4	15:10-15:15	57.5	56.3	18:10-18:15	55.7	54.1
09:15-09:20	55.3	54.2	12:15-12:20	55.1	53.7	15:15-15:20	55.5	54.8	18:15-18:20	55.8	54.6
09:20-09:25	54.8	54.0	12:20-12:25	55.3	54.5	15:20-15:25	56.7	54.9	18:20-18:25	55.4	54.4
09:25-09:30	54.8	54.0	12:25-12:30	55.1	54.5	15:25-15:30	58.4	55.1	18:25-18:30	57.3	54.8
09:30-09:35	54.9	54.1	12:30-12:35	55.5	54.5	15:30-15:35	55.7	54.5	18:30-18:35	56.2	55.0
09:35-09:40	55.0	54.1	12:35-12:40	55.6	54.7	15:35-15:40	55.6	54.6	18:35-18:40	55.4	54.6
09:40-09:45	55.2	54.0	12:40-12:45	55.5	54.3	15:40-15:45	57.0	55.2	18:40-18:45	56.2	54.0
09:45-09:50	55.0	54.2	12:45-12:50	54.8	53.8	15:45-15:50	55.8	54.6	18:45-18:50	57.3	54.3
09:50-09:55	56.5	54.6	12:50-12:55	56.0	54.5	15:50-15:55	56.0	54.6	18:50-18:55	54.8	54.0
09:55-10:00	54.9	54.2	12:55-13:00	55.9	54.6	15:55-16:00	55.8	54.4	18:55-19:00	54.8	54.1
10:00-10:05	55.4	54.3	13:00-13:05	55.6	54.8	16:00-16:05	58.0	55.1	19:00-19:05	54.6	54.0
10:05-10:10	55.6	54.4	13:05-13:10	55.5	54.8	16:05-16:10	55.0	54.2	19:05-19:10	54.9	54.0
10:10-10:15	55.8	54.6	13:10-13:15	56.6	54.8	16:10-16:15	55.9	54.6	19:10-19:15	55.7	54.8
10:15-10:20	56.0	54.2	13:15-13:20	56.1	54.9	16:15-16:20	55.0	54.2	19:15-19:20	56.0	54.7
10:20-10:25	56.4	54.8	13:20-13:25	55.8	54.2	16:20-16:25	54.9	53.7	19:20-19:25	55.5	54.6
10:25-10:30	55.9	54.6	13:25-13:30	55.5	54.3	16:25-16:30	55.7	53.8	19:25-19:30	60.5	54.8
10:30-10:35	55.7	54.4	13:30-13:35	56.8	54.4	16:30-16:35	54.8	53.8	19:30-19:35	58.0	54.6
10:35-10:40	55.3	54.6	13:35-13:40	54.8	54.0	16:35-16:40	57.7	55.2	19:35-19:40	55.1	54.2
10:40-10:45	56.9	55.4	13:40-13:45	55.3	54.1	16:40-16:45	54.8	54.1	19:40-19:45	55.2	54.4
10:45-10:50	56.2	55.2	13:45-13:50	54.9	53.9	16:45-16:50	54.7	53.9	19:45-19:50	55.5	54.5
10:50-10:55	57.1	55.2	13:50-13:55	55.1	54.3	16:50-16:55	54.5	53.7	19:50-19:55	55.7	54.0
10:55-11:00	56.0	55.2	13:55-14:00	55.3	54.3	16:55-17:00	55.2	53.8	19:55-20:00	55.4	54.5



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WG84) 47P 0674301 E, 1550827 N  
**Measured Date** : April 24, 2024  
**Measured By** : XXXXXXXXXX  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-029  
**Report No.** : 2024-RAAI639  
**Report Date** : May 14, 2024

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)		
	Leq	L90	L50		Leq	L90	L50		Leq	L90	L50
08:00-08:05	54.9	54.0	54.9	11:00-11:05	54.9	54.3	54.9	14:00-14:05	55.7	54.5	54.9
08:05-08:10	54.4	53.5	54.1	11:05-11:10	55.0	54.1	54.1	14:05-14:10	55.6	54.2	54.9
08:10-08:15	55.1	54.2	54.1	11:10-11:15	55.5	54.4	54.4	14:10-14:15	54.9	54.0	54.9
08:15-08:20	54.9	54.0	54.8	11:15-11:20	55.8	54.8	54.8	14:15-14:20	55.3	54.2	54.9
08:20-08:25	54.4	53.4	54.4	11:20-11:25	55.5	54.4	54.4	14:20-14:25	55.7	54.6	54.9
08:25-08:30	55.0	53.4	54.4	11:25-11:30	55.2	54.4	54.4	14:25-14:30	57.7	54.8	54.9
08:30-08:35	54.8	53.8	54.1	11:30-11:35	55.1	54.2	54.2	14:30-14:35	56.3	54.7	54.9
08:35-08:40	55.5	53.9	54.5	11:35-11:40	55.5	54.5	54.5	14:35-14:40	55.3	54.3	54.9
08:40-08:45	55.3	53.7	54.1	11:40-11:45	55.5	54.3	54.3	14:40-14:45	55.4	54.1	54.9
08:45-08:50	56.3	54.3	54.1	11:45-11:50	55.5	54.1	54.1	14:45-14:50	55.1	54.3	54.9
08:50-08:55	55.0	54.1	54.1	11:50-11:55	54.4	53.7	54.4	14:50-14:55	55.1	54.1	54.9
08:55-09:00	56.0	54.4	54.0	11:55-12:00	54.9	54.0	54.4	14:55-15:00	55.8	54.4	54.9
09:00-09:05	56.6	54.1	54.6	12:00-12:05	54.6	53.8	54.6	15:00-15:05	55.7	54.6	54.9
09:05-09:10	56.0	54.0	54.0	12:05-12:10	54.8	54.0	54.7	15:05-15:10	55.6	54.7	54.1
09:10-09:15	55.9	54.1	54.1	12:10-12:15	55.5	53.9	54.4	15:10-15:15	55.4	54.4	54.1
09:15-09:20	56.1	54.2	54.1	12:15-12:20	55.1	54.1	54.1	15:15-15:20	55.0	54.2	54.9
09:20-09:25	56.1	54.3	54.3	12:20-12:25	55.7	54.3	54.3	15:20-15:25	55.5	54.3	54.8
09:25-09:30	55.3	54.3	54.3	12:25-12:30	55.0	53.8	54.6	15:25-15:30	55.6	54.6	54.1
09:30-09:35	55.7	54.6	54.6	12:30-12:35	54.5	53.8	54.5	15:30-15:35	55.1	54.2	54.8
09:35-09:40	55.7	54.7	54.7	12:35-12:40	55.2	54.2	54.2	15:35-15:40	55.3	54.2	54.5
09:40-09:45	55.5	54.8	54.0	12:40-12:45	54.6	54.0	54.6	15:40-15:45	55.6	54.5	54.8
09:45-09:50	54.9	54.1	54.1	12:45-12:50	54.4	53.5	54.5	15:45-15:50	56.8	55.4	54.5
09:50-09:55	55.2	54.3	53.7	12:50-12:55	54.5	53.7	53.7	15:50-15:55	55.8	54.9	55.2
09:55-10:00	54.7	53.8	54.8	12:55-13:00	54.8	53.8	54.8	15:55-16:00	56.1	54.9	54.8
10:00-10:05	54.8	53.8	53.0	13:00-13:05	53.6	53.0	53.6	16:00-16:05	56.7	55.3	54.9
10:05-10:10	54.8	53.7	53.9	13:05-13:10	55.1	53.9	54.8	16:05-16:10	56.4	55.4	54.9
10:10-10:15	54.7	54.0	53.1	13:10-13:15	55.1	54.2	54.8	16:10-16:15	56.0	54.8	54.2
10:15-10:20	54.7	54.0	53.8	13:15-13:20	55.8	54.7	54.1	16:15-16:20	54.9	54.1	54.3
10:20-10:25	54.5	53.9	54.2	13:20-13:25	55.3	54.2	54.2	16:20-16:25	55.5	54.2	54.3
10:25-10:30	54.6	53.9	54.5	13:25-13:30	55.4	54.5	54.5	16:25-16:30	55.3	54.2	54.9
10:30-10:35	54.9	54.2	55.0	13:30-13:35	56.0	55.0	54.5	16:30-16:35	55.3	54.5	55.0
10:35-10:40	54.8	54.3	54.3	13:35-13:40	55.0	54.3	54.3	16:35-16:40	55.5	54.4	54.4
10:40-10:45	55.3	54.5	54.6	13:40-13:45	55.5	54.6	54.5	16:40-16:45	56.0	54.5	54.7
10:45-10:50	55.2	54.3	54.3	13:45-13:50	56.3	55.2	54.6	16:45-16:50	55.3	54.6	55.5
10:50-10:55	55.5	54.5	54.8	13:50-13:55	54.8	54.1	54.2	16:50-16:55	54.1	54.2	55.3
10:55-11:00	54.7	53.9	53.9	13:55-14:00	55.1	54.2	54.4	16:55-17:00	55.4	54.4	54.6

## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Khlong Nueng, Khlong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Khlong Nueng Sub-District, Khlong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WG84) 47P 0674301 E, 1550827 N  
**Measured Date** : April 24, 2024  
**Measured By** : XXXXXXXXXX  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-029  
**Report No.** : 2024-RAAI639  
**Report Date** : May 14, 2024

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)		
	Leq	L90	L50		Leq	L90	L50		Leq	L90	L50
20:00-20:05	56.4	55.0	55.0	23:00-23:05	56.4	55.3	55.3	02:00-02:05	53.1	52.6	53.3
20:05-20:10	56.2	55.4	55.4	23:05-23:10	56.8	55.3	55.3	02:05-02:10	54.1	53.2	53.4
20:10-20:15	55.4	54.6	54.6	23:10-23:15	56.3	55.2	55.2	02:10-02:15	53.8	53.2	53.3
20:15-20:20	56.0	54.9	54.9	23:15-23:20	56.6	55.2	55.2	02:15-02:20	55.0	53.8	53.7
20:20-20:25	56.7	55.5	55.5	23:20-23:25	55.9	54.9	54.9	02:20-02:25	54.2	53.5	53.5
20:25-20:30	56.8	55.6	55.6	23:25-23:30	56.4	55.3	55.3	02:25-02:30	53.9	52.9	53.4
20:30-20:35	56.5	55.3	55.3	23:30-23:35	55.7	54.3	54.3	02:30-02:35	53.7	53.2	53.6
20:35-20:40	56.1	55.3	55.3	23:35-23:40	56.6	54.7	54.7	02:35-02:40	53.8	53.2	53.2
20:40-20:45	55.8	55.0	55.0	23:40-23:45	56.1	55.0	55.0	02:40-02:45	53.6	53.0	53.5
20:45-20:50	56.0	55.0	55.0	23:45-23:50	55.3	54.4	54.4	02:45-02:50	53.9	53.0	53.0
20:50-20:55	55.2	54.6	54.6	23:50-23:55	56.7	54.9	54.9	02:50-02:55	53.6	52.9	53.1
20:55-21:00	55.4	54.6	54.6	23:55-00:00	55.6	54.4	54.4	02:55-03:00	53.3	52.7	53.5
21:00-21:05	55.3	54.5	54.5	00:00-00:05	54.7	53.9	53.9	03:00-03:05	53.3	52.8	53.1
21:05-21:10	56.2	55.1	55.1	00:05-00:10	54.1	53.5	53.5	03:05-03:10	53.5	52.8	53.2
21:10-21:15	55.8	54.9	54.9	00:10-00:15	54.6	53.7	53.7	03:10-03:15	53.4	52.7	53.4
21:15-21:20	55.9	55.1	55.1	00:15-00:20	54.1	53.2	53.2	03:15-03:20	53.1	52.6	53.2
21:20-21:25	56.4	55.5	55.5	00:20-00:25	54.4	53.6	53.6	03:20-03:25	53.5	52.9	53.0
21:25-21:30	55.8	54.9	54.9	00:25-00:30	54.2	53.6	53.6	03:25-03:30	53.5	52.9	52.7
21:30-21:35	55.4	54.4	54.4	00:30-00:35	53.8	52.9	52.9	03:30-03:35	53.2	52.7	53.5
21:35-21:40	56.0	55.1	55.1	00:35-00:40	54.0	53.4	53.4	03:35-03:40	53.5	52.9	52.8
21:40-21:45	56.1	55.0	55.0	00:40-00:45	54.1	53.3	53.3	03:40-00:45	53.7	53.1	52.6
21:45-21:50	56.0	54.9	54.9	00:45-00:50	53.9	53.2	53.2	03:45-03:50	53.9	53.0	53.0
21:50-21:55	56.1	55.2	55.2	00:50-00:55	53.8	53.0	53.0	03:50-03:55	53.6	53.0	52.8
21:55-22:00	55.8	55.0	55.0	00:55-01:00	53.9	53.3	53.3	03:55-04:00	53.2	52.7	52.8
22:00-22:05	55.8	54.9	54.9	01:00-01:05	53.8	53.1	53.1	04:00-04:05	53.5	53.0	52.9
22:05-22:10	57.0	54.7	54.7	01:05-01:10	53.9	53.1	53.1	04:05-04:10	53.5	52.8	53.0
22:10-22:15	56.8	55.0	55.0	01:10-01:15	54.2	53.4	53.4	04:10-04:15	53.5	53.0	53.1
22:15-22:20	56.1	55.2	55.2	01:15-01:20	53.4	52.8	52.8	04:15-04:20	53.3	52.8	53.1
22:20-22:25	56.4	55.2	55.2	01:20-01:25	53.9	53.1	53.1	04:20-04:25	53.5	53.0	53.2
22:25-22:30	57.0	55.0	55.0	01:25-01:30	53.9	53.1	53.1	04:25-04:30	53.8	53.0	53.2
22:30-22:35	55.9	55.0	55.0	01:30-01:35	53.3	52.8	52.8	04:30-04:35	53.7	53.1	53.0
22:35-22:40	55.8	54.8	54.8	01:35-01:40	54.3	52.9	52.9	04:35-04:40	53.5	52.7	53.2
22:40-22:45	56.7	55.4	55.4	01:40-01:45	53.3	52.7	52.7	04:40-04:45	53.7	53.1	53.4
22:45-22:50	56.2	55.1	55.1	01:45-01:50	53.0	52.3	52.3	04:45-04:50	53.8	53.1	53.1
22:50-22:55	56.7	55.3	55.3	01:50-01:55	52.8	52.3	52.3	04:50-04:55	53.9	53.2	53.2
22:55-23:00	57.0	55.4	55.4	01:55-02:00	52.7	52.2	52.2	04:55-05:00	53.9	53.1	53.4



ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674301 E, 1350827 N  
**Measured Date** : April 25, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-029  
**Report No.** : 2024-RAAL639  
**Report Date** : May 14, 2024

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
08:00-08:05	54.0	53.4	11:00-11:05	55.1	54.2	14:00-14:05	55.3	54.4	17:00-17:05	55.0	54.1
08:05-08:10	54.7	54.1	11:05-11:10	55.1	54.1	14:05-14:10	55.3	54.4	17:05-17:10	55.5	54.2
08:10-08:15	54.5	53.8	11:10-11:15	54.9	54.0	14:10-14:15	55.7	54.3	17:10-17:15	55.4	54.2
08:15-08:20	55.2	54.3	11:15-11:20	55.1	54.2	14:15-14:20	56.1	54.2	17:15-17:20	55.0	54.1
08:20-08:25	55.0	54.0	11:20-11:25	55.1	54.2	14:20-14:25	55.5	54.4	17:20-17:25	54.8	53.9
08:25-08:30	55.3	53.6	11:25-11:30	54.9	54.1	14:25-14:30	55.8	54.4	17:25-17:30	55.2	54.2
08:30-08:35	54.7	53.6	11:30-11:35	55.0	54.0	14:30-14:35	55.6	54.5	17:30-17:35	56.4	54.1
08:35-08:40	55.5	53.6	11:35-11:40	55.0	54.0	14:35-14:40	55.6	54.5	17:35-17:40	55.3	54.3
08:40-08:45	54.9	53.7	11:40-11:45	55.1	54.0	14:40-14:45	55.6	54.4	17:40-17:45	54.9	54.1
08:45-08:50	55.3	54.1	11:45-11:50	55.0	53.9	14:45-14:50	55.2	54.2	17:45-17:50	55.3	54.1
08:50-08:55	55.2	54.0	11:50-11:55	54.8	53.9	14:50-14:55	55.2	54.3	17:50-17:55	55.3	54.1
08:55-09:00	55.8	54.0	11:55-12:00	54.9	53.8	14:55-15:00	55.2	54.1	17:55-18:00	55.0	54.1
09:00-09:05	55.5	54.2	12:00-12:05	54.7	53.8	15:00-15:05	55.3	54.3	18:00-18:05	55.0	54.1
09:05-09:10	55.3	53.9	12:05-12:10	54.8	53.9	15:05-15:10	55.6	54.4	18:05-18:10	55.1	54.2
09:10-09:15	55.3	54.0	12:10-12:15	54.8	53.8	15:10-15:15	55.6	54.6	18:10-18:15	55.2	54.2
09:15-09:20	55.1	54.0	12:15-12:20	55.2	53.7	15:15-15:20	55.5	54.4	18:15-18:20	55.3	54.2
09:20-09:25	54.9	53.9	12:20-12:25	55.0	53.9	15:20-15:25	55.6	54.5	18:20-18:25	55.3	54.4
09:25-09:30	55.0	53.9	12:25-12:30	54.9	53.7	15:25-15:30	55.8	54.4	18:25-18:30	55.5	54.3
09:30-09:35	54.8	54.0	12:30-12:35	54.7	53.8	15:30-15:35	55.5	54.4	18:30-18:35	55.6	54.6
09:35-09:40	54.9	54.0	12:35-12:40	55.0	54.2	15:35-15:40	55.4	54.4	18:35-18:40	55.8	54.8
09:40-09:45	54.9	53.9	12:40-12:45	54.8	53.8	15:40-15:45	55.6	54.5	18:40-18:45	55.0	54.7
09:45-09:50	55.1	53.8	12:45-12:50	54.5	53.6	15:45-15:50	55.8	54.7	18:45-18:50	56.3	54.8
09:50-09:55	55.0	53.9	12:50-12:55	55.1	54.1	15:50-15:55	55.6	54.5	18:50-18:55	55.8	54.9
09:55-10:00	54.8	53.8	12:55-13:00	54.8	53.9	15:55-16:00	55.4	54.3	18:55-19:00	55.8	54.8
10:00-10:05	55.0	54.0	13:00-13:05	54.6	53.8	16:00-16:05	56.0	54.6	19:00-19:05	55.3	54.5
10:05-10:10	54.6	53.6	13:05-13:10	54.9	54.0	16:05-16:10	55.6	54.5	19:05-19:10	55.6	54.6
10:10-10:15	55.0	53.9	13:10-13:15	55.2	54.1	16:10-16:15	55.3	54.2	19:10-19:15	55.5	54.6
10:15-10:20	54.9	53.8	13:15-13:20	55.4	54.3	16:15-16:20	55.3	54.1	19:15-19:20	55.7	54.7
10:20-10:25	54.6	53.8	13:20-13:25	55.1	54.1	16:20-16:25	55.1	54.0	19:20-19:25	55.5	54.7
10:25-10:30	54.7	53.8	13:25-13:30	55.1	54.2	16:25-16:30	55.0	53.8	19:25-19:30	56.4	54.7
10:30-10:35	54.6	53.7	13:30-13:35	55.6	54.1	16:30-16:35	55.1	54.0	19:30-19:35	56.3	54.8
10:35-10:40	55.0	54.0	13:35-13:40	55.1	54.2	16:35-16:40	55.5	54.3	19:35-19:40	55.7	54.6
10:40-10:45	55.7	54.3	13:40-13:45	55.2	54.2	16:40-16:45	56.6	54.6	19:40-19:45	55.6	54.7
10:45-10:50	55.2	54.1	13:45-13:50	55.2	54.3	16:45-16:50	55.0	54.1	19:45-19:50	56.2	55.0
10:50-10:55	55.2	54.1	13:50-13:55	55.3	54.3	16:50-16:55	54.0	54.0	19:50-19:55	56.1	55.1
10:55-11:00	54.9	54.1	13:55-14:00	55.8	54.5	16:55-17:00	54.8	53.9	19:55-20:00	55.8	54.8

ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674301 E, 1350827 N  
**Measured Date** : April 25, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-029  
**Report No.** : 2024-RAAL639  
**Report Date** : May 14, 2024

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
20:00-20:05	56.0	54.8	23:00-23:05	55.1	54.2	02:00-02:05	52.6	52.0	05:00-05:05	54.3	53.3
20:05-20:10	56.1	55.0	23:05-23:10	55.1	54.3	02:05-02:10	53.8	53.0	05:05-05:10	54.7	53.3
20:10-20:15	56.2	55.0	23:10-23:15	55.1	54.3	02:10-02:15	53.7	53.0	05:10-05:15	54.7	53.3
20:15-20:20	56.7	55.1	23:15-23:20	55.2	54.3	02:15-02:20	54.1	53.0	05:15-05:20	54.1	53.3
20:20-20:25	56.7	55.3	23:20-23:25	54.9	54.1	02:20-02:25	53.8	53.0	05:20-05:25	54.9	53.5
20:25-20:30	56.8	55.3	23:25-23:30	55.2	54.2	02:25-02:30	53.6	52.9	05:25-05:30	55.8	53.4
20:30-20:35	56.4	55.1	23:30-23:35	55.1	54.2	02:30-02:35	53.6	52.9	05:30-05:35	56.2	53.6
20:35-20:40	56.2	55.2	23:35-23:40	55.2	54.0	02:35-02:40	53.8	53.1	05:35-05:40	55.6	53.6
20:40-20:45	56.2	55.1	23:40-23:45	55.3	54.3	02:40-02:45	53.7	53.1	05:40-05:45	55.3	53.7
20:45-20:50	56.4	55.1	23:45-23:50	55.0	54.1	02:45-02:50	53.7	53.0	05:45-05:50	54.0	53.4
20:50-20:55	56.1	55.3	23:50-23:55	55.2	54.1	02:50-02:55	53.5	52.9	05:50-05:55	54.9	53.5
20:55-21:00	56.3	55.2	23:55-00:00	55.1	53.9	02:55-03:00	53.5	52.8	05:55-06:00	54.9	53.5
21:00-21:05	55.9	55.0	00:00-00:05	54.7	53.8	03:00-03:05	53.5	52.9	06:00-06:05	54.9	53.5
21:05-21:10	56.1	55.2	00:05-00:10	54.4	53.6	03:05-03:10	53.6	52.9	06:05-06:10	55.2	53.6
21:10-21:15	56.0	55.1	00:10-00:15	54.5	53.4	03:10-03:15	53.4	52.8	06:10-06:15	54.8	53.6
21:15-21:20	56.4	55.2	00:15-00:20	54.3	53.5	03:15-03:20	53.3	52.8	06:15-06:20	54.6	53.4
21:20-21:25	56.3	55.3	00:20-00:25	54.6	53.7	03:20-03:25	53.4	52.9	06:20-06:25	54.7	53.4
21:25-21:30	56.3	55.1	00:25-00:30	54.4	53.5	03:25-03:30	53.4	52.8	06:25-06:30	54.7	53.4
21:30-21:35	55.9	54.9	00:30-00:35	54.6	53.5	03:30-03:35	53.4	52.9	06:30-06:35	54.2	53.2
21:35-21:40	56.0	55.0	00:35-00:40	54.6	53.8	03:35-03:40	53.5	52.9	06:35-06:40	54.2	53.3
21:40-21:45	56.3	55.0	00:40-00:45	54.3	53.5	03:40-03:45	53.4	52.8	06:40-06:45	54.6	53.3
21:45-21:50	56.3	55.1	00:45-00:50	54.2	53.4	03:45-03:50	53.5	52.9	06:45-06:50	54.5	53.3
21:50-21:55	56.1	55.1	00:50-00:55	54.0	53.2	03:50-03:55	53.6	53.0	06:50-06:55	54.2	53.2
21:55-22:00	56.2	55.0	00:55-01:00	54.0	53.1	03:55-04:00	53.4	52.9	06:55-07:00	53.8	53.0
22:00-22:05	55.7	54.7	01:00-01:05	54.4	53.3	04:00-04:05	53.5	52.9	07:00-07:05	54.0	53.1
22:05-22:10	56.1	54.8	01:05-01:10	54.2	53.4	04:05-04:10	53.4	52.9	07:05-07:10	54.6	53.2
22:10-22:15	56.0	54.9	01:10-01:15	54.1	53.2	04:10-04:15	53.5	52.9	07:10-07:15	54.2	53.2
22:15-22:20	55.7	54.9	01:15-01:20	54.1	53.1	04:15-04:20	53.5	52.9	07:15-07:20	54.1	53.2
22:20-22:25	55.8	54.8	01:20-01:25	54.0	53.2	04:20-04:25	53.2	53.0	07:20-07:25	54.5	53.3
22:25-22:30	55.8	54.7	01:25-01:30	54.0	53.2	04:25-04:30	54.0	52.9	07:25-07:30	54.6	53.3
22:30-22:35	55.4	54.5	01:30-01:35	53.9	53.2	04:30-04:35	53.6	53.0	07:30-07:35	54.2	53.3
22:35-22:40	55.5	54.6	01:35-01:40	54.4	53.3	04:35-04:40	54.0	53.0	07:35-07:40	55.5	53.6
22:40-22:45	55.6	54.6	01:40-01:45	54.0	53.3	04:40-04:45	53.9	53.1	07:40-07:45	56.3	54.3
22:45-22:50	55.3	54.4	01:45-01:50	54.3	53.2	04:45-04:50	53.8	53.1	07:45-07:50	56.5	53.9
22:50-22:55	55.5	54.5	01:50-01:55	53.8	53.1	04:50-04:55	53.8	53.1	07:50-07:55	55.2	53.9
22:55-23:00	55.2	54.3	01:55-02:00	53.7	53.0	04:55-05:00	54.4	53.2	07:55-08:00	56.2	53.5



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674301 E, 1550827 N  
**Measured Date** : April 26, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-029  
**Report No.** : 2024-RAAI639  
**Report Date** : May 14, 2024

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Noise Level For 5 minutes, dB(A)	Leq	L90
	Leq	L90		Leq	L90		Leq	L90			
08:00-08:05	54.7	54.0	11:00-11:05	55.4	53.9	14:00-14:05	54.9	53.2	17:00-17:05	55.7	54.8
08:05-08:10	54.5	53.9	11:05-11:10	55.9	54.2	14:05-14:10	55.7	54.2	17:05-17:10	55.5	54.4
08:10-08:15	54.7	53.9	11:10-11:15	54.3	53.4	14:10-14:15	56.8	54.0	17:10-17:15	55.6	54.6
08:15-08:20	54.8	54.1	11:15-11:20	55.0	54.0	14:15-14:20	55.2	53.8	17:15-17:20	55.4	54.5
08:20-08:25	54.5	53.9	11:20-11:25	55.5	54.6	14:20-14:25	55.7	54.0	17:20-17:25	54.5	53.8
08:25-08:30	54.5	53.8	11:25-11:30	54.9	53.9	14:25-14:30	55.1	53.9	17:25-17:30	55.2	54.3
08:30-08:35	54.7	53.7	11:30-11:35	55.6	53.9	14:30-14:35	55.8	54.6	17:30-17:35	54.7	53.7
08:35-08:40	57.0	53.8	11:35-11:40	54.2	53.2	14:35-14:40	55.3	54.4	17:35-17:40	55.9	54.7
08:40-08:45	55.7	54.2	11:40-11:45	55.0	54.3	14:40-14:45	55.7	54.5	17:40-17:45	54.9	54.1
08:45-08:50	55.6	54.6	11:45-11:50	55.2	54.1	14:45-14:50	54.6	53.6	17:45-17:50	55.1	54.0
08:50-08:55	55.8	54.3	11:50-11:55	55.9	54.0	14:50-14:55	55.1	53.9	17:50-17:55	54.8	53.9
08:55-09:00	55.9	53.9	11:55-12:00	54.5	53.2	14:55-15:00	54.9	53.9	17:55-18:00	54.8	54.0
09:00-09:05	55.7	54.9	12:00-12:05	54.7	53.5	15:00-15:05	55.5	54.2	18:00-18:05	55.1	54.4
09:05-09:10	55.3	54.1	12:05-12:10	54.4	53.6	15:05-15:10	54.2	54.2	18:05-18:10	56.2	54.7
09:10-09:15	55.4	54.1	12:10-12:15	55.1	53.9	15:10-15:15	55.5	54.7	18:10-18:15	55.4	54.3
09:15-09:20	55.0	54.1	12:15-12:20	55.8	53.1	15:15-15:20	57.1	55.1	18:15-18:20	55.2	54.1
09:20-09:25	54.8	54.0	12:20-12:25	54.8	53.7	15:20-15:25	56.4	55.4	18:20-18:25	55.5	54.3
09:25-09:30	56.0	54.2	12:25-12:30	54.5	53.1	15:25-15:30	56.2	54.9	18:25-18:30	54.8	54.1
09:30-09:35	55.4	54.5	12:30-12:35	54.9	53.7	15:30-15:35	56.2	55.3	18:30-18:35	55.5	54.5
09:35-09:40	55.0	54.1	12:35-12:40	55.2	54.5	15:35-15:40	56.3	55.4	18:35-18:40	56.0	55.1
09:40-09:45	55.5	54.3	12:40-12:45	55.2	53.9	15:40-15:45	56.0	55.3	18:40-18:45	55.0	54.7
09:45-09:50	54.6	53.8	12:45-12:50	55.1	54.1	15:45-15:50	57.1	56.2	18:45-18:50	55.5	54.9
09:50-09:55	54.3	53.7	12:50-12:55	55.4	54.6	15:50-15:55	56.6	55.3	18:50-18:55	55.8	54.9
09:55-10:00	56.0	54.8	12:55-13:00	55.6	54.4	15:55-16:00	56.0	55.2	18:55-19:00	55.6	54.6
10:00-10:05	56.1	54.4	13:00-13:05	55.2	54.2	16:00-16:05	56.0	55.2	19:00-19:05	55.6	54.6
10:05-10:10	54.7	53.4	13:05-13:10	55.4	54.4	16:05-16:10	56.8	55.5	19:05-19:10	55.5	54.7
10:10-10:15	55.5	54.1	13:10-13:15	55.0	54.2	16:10-16:15	56.1	54.9	19:10-19:15	55.1	54.2
10:15-10:20	54.6	53.6	13:15-13:20	56.2	54.9	16:15-16:20	56.6	54.7	19:15-19:20	55.4	54.3
10:20-10:25	54.4	53.9	13:20-13:25	55.4	54.5	16:20-16:25	55.9	54.8	19:20-19:25	55.2	54.4
10:25-10:30	54.4	53.7	13:25-13:30	55.2	54.4	16:25-16:30	55.1	53.8	19:25-19:30	54.8	54.1
10:30-10:35	53.9	52.9	13:30-13:35	55.8	54.2	16:30-16:35	55.6	54.1	19:30-19:35	55.5	54.7
10:35-10:40	54.9	53.8	13:35-13:40	55.6	54.5	16:35-16:40	55.8	54.7	19:35-19:40	55.8	54.5
10:40-10:45	55.2	53.9	13:40-13:45	55.6	54.1	16:40-16:45	56.2	54.3	19:40-19:45	54.7	54.0
10:45-10:50	55.3	54.2	13:45-13:50	55.0	54.1	16:45-16:50	55.3	54.4	19:45-19:50	55.5	54.6
10:50-10:55	54.7	53.8	13:50-13:55	55.1	54.1	16:50-16:55	55.4	54.3	19:50-19:55	55.6	54.6
10:55-11:00	54.7	53.6	13:55-14:00	55.0	54.2	16:55-17:00	55.3	54.2	19:55-20:00	56.2	54.8

## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674301 E, 1550827 N  
**Measured Date** : April 26-27, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-029  
**Report No.** : 2024-RAAI639  
**Report Date** : May 14, 2024

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Noise Level For 5 minutes, dB(A)	Leq	L90
	Leq	L90		Leq	L90		Leq	L90			
20:00-20:05	55.4	54.5	23:00-23:05	54.3	53.7	02:00-02:05	53.9	53.3	05:00-05:05	55.0	53.3
20:05-20:10	55.4	54.4	23:05-23:10	54.4	53.8	02:05-02:10	54.3	53.2	05:05-05:10	53.6	53.1
20:10-20:15	56.5	55.1	23:10-23:15	54.6	54.0	02:10-02:15	54.2	53.5	05:10-05:15	53.8	53.2
20:15-20:20	56.5	55.3	23:15-23:20	54.8	54.3	02:15-02:20	53.9	53.1	05:15-05:20	54.1	53.1
20:20-20:25	57.3	55.3	23:20-23:25	54.9	54.2	02:20-02:25	53.7	53.0	05:20-05:25	56.4	53.6
20:25-20:30	57.8	55.1	23:25-23:30	54.7	54.1	02:25-02:30	54.0	53.3	05:25-05:30	56.3	53.0
20:30-20:35	56.3	54.7	23:30-23:35	54.7	54.2	02:30-02:35	54.0	53.2	05:30-05:35	56.0	53.1
20:35-20:40	55.7	54.8	23:35-23:40	54.6	53.7	02:35-02:40	54.3	53.4	05:35-05:40	54.6	53.4
20:40-20:45	55.7	54.8	23:40-23:45	55.0	54.1	02:40-02:45	54.3	53.5	05:40-05:45	54.2	53.3
20:45-20:50	56.0	55.1	23:45-23:50	55.3	54.4	02:45-02:50	54.1	53.4	05:45-05:50	54.0	53.1
20:50-20:55	56.5	55.6	23:50-23:55	54.6	53.9	02:50-02:55	53.7	53.0	05:50-05:55	54.3	53.4
20:55-21:00	57.1	55.9	23:55-00:00	54.5	53.4	02:55-03:00	53.2	52.6	05:55-06:00	54.8	53.5
21:00-21:05	56.5	55.3	00:00-00:05	54.2	53.6	03:00-03:05	53.3	52.7	06:00-06:05	54.2	53.4
21:05-21:10	55.9	55.1	00:05-00:10	54.6	53.6	03:05-03:10	54.0	53.4	06:05-06:10	55.3	53.6
21:10-21:15	55.7	54.7	00:10-00:15	53.9	53.0	03:10-03:15	53.8	53.2	06:10-06:15	54.7	53.4
21:15-21:20	56.2	55.4	00:15-00:20	54.0	53.2	03:15-03:20	53.7	53.1	06:15-06:20	55.0	53.3
21:20-21:25	55.9	55.2	00:20-00:25	54.0	53.3	03:20-03:25	53.4	52.7	06:20-06:25	55.1	53.3
21:25-21:30	55.9	55.0	00:25-00:30	54.5	53.5	03:25-03:30	53.7	52.9	06:25-06:30	53.9	53.2
21:30-21:35	55.5	54.8	00:30-00:35	54.3	53.2	03:30-03:35	53.5	53.0	06:30-06:35	54.4	53.4
21:35-21:40	55.4	54.8	00:35-00:40	55.7	54.4	03:35-03:40	53.5	52.8	06:35-06:40	54.5	53.4
21:40-21:45	56.2	54.8	00:40-00:45	54.9	53.8	03:40-03:45	53.4	52.8	06:40-06:45	55.8	53.7
21:45-21:50	56.7	55.4	00:45-00:50	54.8	53.7	03:45-03:50	53.9	53.2	06:45-06:50	54.4	53.4
21:50-21:55	56.2	55.4	00:50-00:55	54.0	53.2	03:50-03:55	53.5	52.8	06:50-06:55	53.1	52.5
21:55-22:00	55.8	55.0	00:55-01:00	54.5	53.8	03:55-04:00	53.4	52.7	06:55-07:00	53.8	52.9
22:00-22:05	55.3	54.6	01:00-01:05	54.2	53.6	04:00-04:05	53.2	52.6	07:00-07:05	54.1	52.8
22:05-22:10	55.6	54.7	01:05-01:10	54.2	53.3	04:05-04:10	52.9	52.4	07:05-07:10	54.0	52.8
22:10-22:15	55.3	54.6	01:10-01:15	55.4	53.7	04:10-04:15	53.6	52.2	07:10-07:15	53.6	52.7
22:15-22:20	55.1	54.6	01:15-01:20	54.4	53.6	04:15-04:20	53.3	52.7	07:15-07:20	53.7	53.0
22:20-22:25	55.0	54.4	01:20-01:25	55.0	53.9	04:20-04:25	56.4	52.6	07:20-07:25	54.2	53.0
22:25-22:30	54.8	54.2	01:25-01:30	54.3	53.6	04:25-04:30	53.7	52.7	07:25-07:30	53.5	52.9
22:30-22:35	54.9	54.2	01:30-01:35	54.0	53.3	04:30-04:35	53.4	52.8	07:30-07:35	53.9	52.9
22:35-22:40	55.6	54.8	01:35-01:40	54.3	53.6	04:35-04:40	53.3	52.7	07:35-07:40	54.9	53.3
22:40-22:45	55.6	54.8	01:40-01:45	54.3	53.6	04:40-04:45	53.2	52.7	07:40-07:45	53.7	52.9
22:45-22:50	55.0	54.4	01:45-01:50	54.3	53.5	04:45-04:50	53.7	53.0	07:45-07:50	54.3	53.1
22:50-22:55	55.1	54.5	01:50-01:55	53.9	53.2	04:50-04:55	53.5	53.0	07:50-07:55	53.5	52.9
22:55-23:00	54.9	54.2	01:55-02:00	53.7	53.2	04:55-05:00	54.1	52.8	07:55-08:00	53.6	52.5



ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674301 E, 1550827 N  
**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-029  
**Report No.** : 2024-RAAE639  
**Report Date** : May 14, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)		
	Leq	L90	L95		Leq	L90	L95		Leq	L90	L95
08:00-08:05	53.5	52.8	51.00-11:05	54.1	53.6	14:00-14:05	55.8	54.6	17:00-17:05	54.4	53.7
08:05-08:10	54.1	52.9	11:05-11:10	54.3	53.5	14:05-14:10	55.4	54.4	17:05-17:10	54.6	53.8
08:10-08:15	54.4	53.0	11:10-11:15	54.1	53.1	14:10-14:15	55.7	54.2	17:10-17:15	54.5	53.7
08:15-08:20	54.0	53.0	11:15-11:20	54.0	53.1	14:15-14:20	55.3	53.6	17:15-17:20	54.8	53.7
08:20-08:25	53.8	52.7	11:20-11:25	54.4	53.6	14:20-14:25	54.7	53.9	17:20-17:25	55.2	53.9
08:25-08:30	54.6	53.4	11:25-11:30	54.0	53.4	14:25-14:30	55.2	54.2	17:25-17:30	56.2	54.7
08:30-08:35	53.9	52.0	11:30-11:35	53.7	52.0	14:30-14:35	55.1	54.2	17:30-17:35	55.1	54.3
08:35-08:40	53.8	53.0	11:35-11:40	54.2	53.4	14:35-14:40	55.1	53.9	17:35-17:40	55.5	54.2
08:40-08:45	53.8	53.0	11:40-11:45	53.6	52.9	14:40-14:45	54.7	53.8	17:40-17:45	54.5	53.8
08:45-08:50	53.8	53.0	11:45-11:50	54.4	52.9	14:45-14:50	54.8	53.8	17:45-17:50	55.1	54.0
08:50-08:55	53.8	53.1	11:50-11:55	53.8	53.0	14:50-14:55	54.8	53.8	17:50-17:55	55.4	54.1
08:55-09:00	53.7	53.0	11:55-12:00	53.4	52.8	14:55-15:00	55.3	53.8	17:55-18:00	54.9	54.0
09:00-09:05	54.0	53.3	12:00-12:05	54.1	53.1	15:00-15:05	55.1	53.8	18:00-18:05	55.0	54.3
09:05-09:10	53.8	53.1	12:05-12:10	54.5	53.3	15:05-15:10	55.0	54.1	18:05-18:10	55.3	54.5
09:10-09:15	53.8	53.1	12:10-12:15	54.5	53.5	15:10-15:15	54.7	53.9	18:10-18:15	54.9	54.2
09:15-09:20	53.3	52.7	12:15-12:20	54.7	53.4	15:15-15:20	54.7	53.5	18:15-18:20	56.1	54.6
09:20-09:25	54.0	53.3	12:20-12:25	53.9	52.8	15:20-15:25	54.3	53.7	18:20-18:25	55.6	54.6
09:25-09:30	54.1	53.4	12:25-12:30	54.1	52.4	15:25-15:30	54.3	53.6	18:25-18:30	55.4	54.3
09:30-09:35	54.0	53.3	12:30-12:35	53.7	53.2	15:30-15:35	56.0	54.1	18:30-18:35	56.5	55.0
09:35-09:40	54.0	53.3	12:35-12:40	54.2	52.9	15:35-15:40	54.5	53.4	18:35-18:40	57.1	55.6
09:40-09:45	54.2	53.6	12:40-12:45	53.3	52.7	15:40-15:45	54.4	53.6	18:40-18:45	55.9	54.9
09:45-09:50	54.0	53.1	12:45-12:50	53.5	52.7	15:45-15:50	54.3	53.4	18:45-18:50	56.8	55.4
09:50-09:55	53.8	53.1	12:50-12:55	53.5	52.7	15:50-15:55	54.3	53.4	18:50-18:55	56.9	55.6
09:55-10:00	54.0	53.1	12:55-13:00	53.3	52.6	15:55-16:00	53.7	53.1	18:55-19:00	57.3	54.4
10:00-10:05	54.0	53.1	13:00-13:05	53.3	52.8	16:00-16:05	54.3	53.6	19:00-19:05	55.5	54.4
10:05-10:10	54.0	53.3	13:05-13:10	53.4	52.9	16:05-16:10	54.4	53.5	19:05-19:10	56.9	55.0
10:10-10:15	53.6	53.0	13:10-13:15	54.7	52.4	16:10-16:15	54.2	53.2	19:10-19:15	56.1	54.8
10:15-10:20	54.5	53.1	13:15-13:20	54.2	53.5	16:15-16:20	54.4	53.4	19:15-19:20	56.4	55.2
10:20-10:25	54.3	53.2	13:20-13:25	54.4	53.7	16:20-16:25	54.4	53.7	19:20-19:25	56.4	55.4
10:25-10:30	54.1	53.2	13:25-13:30	54.3	53.8	16:25-16:30	54.2	53.5	19:25-19:30	55.0	54.6
10:30-10:35	54.6	53.7	13:30-13:35	54.3	53.6	16:30-16:35	54.5	53.6	19:30-19:35	56.5	55.0
10:35-10:40	54.6	53.6	13:35-13:40	55.5	54.0	16:35-16:40	54.8	53.5	19:35-19:40	56.2	54.6
10:40-10:45	53.7	53.7	13:40-13:45	54.4	53.8	16:40-16:45	54.9	53.7	19:40-19:45	56.6	55.5
10:45-10:50	54.4	53.4	13:45-13:50	55.6	54.3	16:45-16:50	54.8	53.8	19:45-19:50	56.7	55.4
10:50-10:55	54.4	53.5	13:50-13:55	56.2	54.3	16:50-16:55	54.4	53.6	19:50-19:55	56.3	55.3
10:55-11:00	54.4	53.8	13:55-14:00	56.3	54.1	16:55-17:00	54.1	53.4	19:55-20:00	56.0	55.0

ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674301 E, 1550827 N  
**Quotation No.** : AR2074-00674  
**Analysis No.** : 2024-AB865-029  
**Report No.** : 2024-RAAE639  
**Report Date** : May 14, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)		
	Leq	L90	L95		Leq	L90	L95		Leq	L90	L95
20:00-20:05	57.2	55.0	23:00-23:05	55.2	53.8	02:00-02:05	53.4	52.6	05:00-05:05	54.3	52.9
20:05-20:10	57.2	55.5	23:05-23:10	54.9	53.9	02:05-02:10	53.0	52.2	05:05-05:10	56.0	52.9
20:10-20:15	57.9	55.7	23:10-23:15	54.7	53.8	02:10-02:15	53.2	52.3	05:10-05:15	56.0	53.0
20:15-20:20	57.0	55.2	23:15-23:20	55.0	54.1	02:15-02:20	53.3	52.7	05:15-05:20	55.7	53.0
20:20-20:25	56.4	55.4	23:20-23:25	54.6	53.7	02:20-02:25	54.0	52.9	05:20-05:25	55.7	53.2
20:25-20:30	56.6	55.5	23:25-23:30	54.4	53.7	02:25-02:30	53.1	52.5	05:25-05:30	54.1	53.3
20:30-20:35	56.6	55.0	23:30-23:35	54.7	53.6	02:30-02:35	53.2	52.5	05:30-05:35	55.4	53.6
20:35-20:40	56.2	55.3	23:35-23:40	54.4	53.3	02:35-02:40	53.1	52.5	05:35-05:40	56.0	53.8
20:40-20:45	57.2	55.3	23:40-23:45	55.8	54.5	02:40-02:45	53.3	52.6	05:40-05:45	54.9	53.7
20:45-20:50	57.5	55.8	23:45-23:50	55.6	54.3	02:45-02:50	53.6	52.9	05:45-05:50	54.2	53.1
20:50-20:55	56.5	55.6	23:50-23:55	55.0	54.0	02:50-02:55	53.7	53.0	05:50-05:55	55.0	53.1
20:55-21:00	56.4	55.4	23:55-00:00	55.2	54.1	02:55-03:00	53.5	52.7	05:55-06:00	54.9	53.0
21:00-21:05	56.2	55.3	00:00-00:05	55.3	54.1	03:00-03:05	54.3	53.2	06:00-06:05	54.4	52.7
21:05-21:10	56.4	55.4	00:05-00:10	54.6	53.8	03:05-03:10	53.5	52.7	06:05-06:10	54.8	52.7
21:10-21:15	55.8	54.9	00:10-00:15	53.6	52.7	03:10-03:15	53.2	52.5	06:10-06:15	54.1	52.8
21:15-21:20	56.5	54.9	00:15-00:20	53.7	52.7	03:15-03:20	52.8	52.1	06:15-06:20	53.6	52.8
21:20-21:25	56.5	55.2	00:20-00:25	54.4	53.2	03:20-03:25	53.1	52.6	06:20-06:25	53.8	52.7
21:25-21:30	55.7	54.7	00:25-00:30	53.8	52.7	03:25-03:30	53.0	52.3	06:25-06:30	55.5	53.3
21:30-21:35	55.5	54.8	00:30-00:35	54.6	52.8	03:30-03:35	53.1	52.5	06:30-06:35	53.7	52.8
21:35-21:40	55.9	54.8	00:35-00:40	54.2	53.4	03:35-03:40	53.3	52.6	06:35-06:40	53.6	52.9
21:40-21:45	56.4	55.0	00:40-00:45	53.6	52.8	03:40-03:45	53.2	52.7	06:40-06:45	53.9	52.8
21:45-21:50	56.0	54.9	00:45-00:50	54.0	53.1	03:45-03:50	53.3	52.6	06:45-06:50	54.6	53.0
21:50-21:55	56.1	54.8	00:50-00:55	53.3	52.7	03:50-03:55	52.9	52.5	06:50-06:55	54.3	52.9
21:55-22:00	56.1	54.8	00:55-01:00	53.6	52.8	03:55-04:00	53.3	52.6	06:55-07:00	53.7	52.6
22:00-22:05	55.8	54.8	01:00-01:05	54.6	53.1	04:00-04:05	53.7	52.9	07:00-07:05	53.7	52.7
22:05-22:10	56.3	55.1	01:05-01:10	54.3	53.2	04:05-04:10	53.6	52.6	07:05-07:10	54.6	53.0
22:10-22:15	56.3	55.4	01:10-01:15	53.6	52.8	04:10-04:15	53.4	52.8	07:10-07:15	54.4	52.2
22:15-22:20	56.2	55.2	01:15-01:20	54.9	52.7	04:15-04:20	53.6	52.7	07:15-07:20	54.2	53.2
22:20-22:25	55.6	54.8	01:20-01:25	53.7	52.8	04:20-04:25	53.2	52.6	07:20-07:25	54.0	53.0
22:25-22:30	55.8	55.0	01:25-01:30	54.0	53.1	04:25-04:30	54.0	52.8	07:25-07:30	53.9	53.3
22:30-22:35	54.8	53.8	01:30-01:35	53.7	52.9	04:30-04:35	53.1	52.5	07:30-07:35	53.6	53.0
22:35-22:40	55.0	54.2	01:35-01:40	53.8	52.7	04:35-04:40	54.1	53.2	07:35-07:40	56.1	53.2
22:40-22:45	55.1	54.0	01:40-01:45	54.2	53.1	04:40-04:45	53.6	52.9	07:40-07:45	54.3	53.2
22:45-22:50	54.9	54.1	01:45-01:50	55.8	53.2	04:45-04:50	53.4	52.8	07:45-07:50	54.7	53.1
22:50-22:55	55.1	54.3	01:50-01:55	53.5	52.7	04:50-04:55	53.4	52.7	07:50-07:55	54.8	53.2
22:55-23:00	54.9	54.1	01:55-02:00	53.5	52.7	04:55-05:00	53.4	52.8	07:55-08:00	54.0	53.0



## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WGS84) 47P 0674301 E, 1550827 N  
**Measured Date** : April 28, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-029  
**Report No.** : 2024-RAAI639  
**Report Date** : May 14, 2024

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Noise Level For 5 minutes, dB(A)	Leq	L90
	Leq	L90		Leq	L90		Leq	L90			
08:00-08:05	54.3	53.2	11:00-11:05	55.5	54.6	14:00-14:05	55.4	54.5	17:00-17:05	54.7	53.8
08:05-08:10	55.0	53.6	11:05-11:10	55.2	54.5	14:05-14:10	55.1	54.3	17:05-17:10	56.5	54.0
08:10-08:15	54.2	53.6	11:10-11:15	55.3	54.1	14:10-14:15	55.9	54.8	17:10-17:15	54.9	54.2
08:15-08:20	54.2	53.2	11:15-11:20	54.9	54.1	14:15-14:20	56.0	54.3	17:15-17:20	54.7	54.1
08:20-08:25	54.5	53.3	11:20-11:25	55.0	54.2	14:20-14:25	55.4	54.4	17:20-17:25	54.7	53.8
08:25-08:30	54.1	53.2	11:25-11:30	55.5	54.6	14:25-14:30	55.3	54.5	17:25-17:30	54.4	53.7
08:30-08:35	52.9	52.2	11:30-11:35	55.5	54.5	14:30-14:35	55.6	54.0	17:30-17:35	56.7	53.9
08:35-08:40	54.4	53.5	11:35-11:40	55.4	54.1	14:35-14:40	55.3	54.5	17:35-17:40	54.4	53.8
08:40-08:45	54.2	53.5	11:40-11:45	55.7	54.5	14:40-14:45	56.0	55.1	17:40-17:45	54.6	54.0
08:45-08:50	56.6	53.7	11:45-11:50	54.8	54.1	14:45-14:50	55.3	54.6	17:45-17:50	54.7	53.7
08:50-08:55	54.3	53.5	11:50-11:55	54.9	54.2	14:50-14:55	55.4	54.8	17:50-17:55	54.3	53.6
08:55-09:00	54.9	53.7	11:55-12:00	54.7	54.1	14:55-15:00	55.7	54.9	17:55-18:00	54.3	53.6
09:00-09:05	55.7	53.9	12:00-12:05	55.1	54.1	15:00-15:05	55.2	54.5	18:00-18:05	54.6	53.7
09:05-09:10	54.8	53.7	12:05-12:10	55.1	54.3	15:05-15:10	56.1	55.1	18:05-18:10	54.6	53.8
09:10-09:15	54.4	53.7	12:10-12:15	54.8	54.0	15:10-15:15	56.0	54.7	18:10-18:15	54.8	53.8
09:15-09:20	55.8	54.3	12:15-12:20	55.6	53.9	15:15-15:20	55.7	54.6	18:15-18:20	55.0	53.5
09:20-09:25	54.9	53.5	12:20-12:25	55.3	54.5	15:20-15:25	56.0	55.1	18:20-18:25	55.4	54.5
09:25-09:30	53.9	53.2	12:25-12:30	55.9	54.4	15:25-15:30	55.2	54.2	18:25-18:30	55.5	54.1
09:30-09:35	54.5	53.8	12:30-12:35	55.0	53.9	15:30-15:35	54.6	53.8	18:30-18:35	54.8	54.1
09:35-09:40	55.0	54.0	12:35-12:40	54.6	53.9	15:35-15:40	55.3	54.3	18:35-18:40	55.4	54.4
09:40-09:45	55.2	53.7	12:40-12:45	54.6	54.0	15:40-15:45	56.0	54.2	18:40-18:45	55.6	54.4
09:45-09:50	55.3	54.0	12:45-12:50	54.6	54.0	15:45-15:50	56.1	54.8	18:45-18:50	57.0	55.2
09:50-09:55	55.3	54.1	12:50-12:55	54.4	54.4	15:50-15:55	55.7	54.7	18:50-18:55	55.9	55.1
09:55-10:00	55.3	53.9	12:55-13:00	54.6	54.8	15:55-16:00	55.2	54.3	18:55-19:00	56.7	55.4
10:00-10:05	55.1	54.4	13:00-13:05	54.8	53.5	16:00-16:05	55.4	54.3	19:00-19:05	56.1	54.9
10:05-10:10	54.7	53.9	13:05-13:10	54.6	53.7	16:05-16:10	55.4	54.5	19:05-19:10	56.3	55.1
10:10-10:15	55.1	54.0	13:10-13:15	54.9	54.1	16:10-16:15	55.2	54.4	19:10-19:15	56.0	54.9
10:15-10:20	55.0	54.2	13:15-13:20	55.3	54.1	16:15-16:20	56.7	54.6	19:15-19:20	56.2	55.3
10:20-10:25	54.4	53.7	13:20-13:25	55.0	54.1	16:20-16:25	55.3	54.2	19:20-19:25	56.2	55.1
10:25-10:30	54.7	53.9	13:25-13:30	55.1	54.5	16:25-16:30	54.9	53.8	19:25-19:30	56.3	55.3
10:30-10:35	54.4	53.8	13:30-13:35	54.6	53.6	16:30-16:35	55.4	54.1	19:30-19:35	56.9	55.3
10:35-10:40	55.6	54.5	13:35-13:40	54.7	53.9	16:35-16:40	54.8	54.1	19:35-19:40	56.4	55.3
10:40-10:45	55.3	54.5	13:40-13:45	55.2	54.5	16:40-16:45	54.9	53.8	19:40-19:45	56.8	55.3
10:45-10:50	55.0	53.8	13:45-13:50	54.7	54.1	16:45-16:50	54.7	54.1	19:45-19:50	56.8	55.3
10:50-10:55	54.8	53.7	13:50-13:55	55.0	54.3	16:50-16:55	54.7	53.7	19:50-19:55	56.5	55.4
10:55-11:00	54.9	54.1	13:55-14:00	56.2	54.6	16:55-17:00	54.2	53.5	19:55-20:00	56.2	54.9

## ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
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**GPS. Coordinate** : UTM (WGS84) 47P 0674301 E, 1550827 N  
**Measured Date** : April 28, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-029  
**Report No.** : 2024-RAAI639  
**Report Date** : May 14, 2024

Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)		Interval Time	Noise Level For 5 minutes, dB(A)	
	Leq	L90		Leq	L90		Leq	L90		Leq	L90
20:00-20:05	55.8	54.8	23:00-23:05	55.3	54.5	02:00-02:05	53.7	53.0	05:00-05:05	53.7	53.2
20:05-20:10	56.7	55.4	23:05-23:10	55.3	54.5	02:05-02:10	54.2	53.3	05:05-05:10	54.1	53.4
20:10-20:15	56.6	55.4	23:10-23:15	56.0	54.8	02:10-02:15	54.0	53.4	05:10-05:15	53.9	53.1
20:15-20:20	57.0	55.4	23:15-23:20	56.1	54.8	02:15-02:20	53.4	52.6	05:15-05:20	54.0	53.3
20:20-20:25	58.4	56.2	23:20-23:25	55.6	54.5	02:20-02:25	53.9	53.3	05:20-05:25	54.4	53.3
20:25-20:30	57.0	55.5	23:25-23:30	56.0	54.5	02:25-02:30	54.0	53.3	05:25-05:30	55.2	53.4
20:30-20:35	56.7	55.1	23:30-23:35	55.5	54.6	02:30-02:35	53.6	52.8	05:30-05:35	54.1	53.3
20:35-20:40	56.7	55.5	23:35-23:40	55.9	54.4	02:35-02:40	54.0	53.4	05:35-05:40	54.6	53.6
20:40-20:45	56.6	55.4	23:40-23:45	54.9	53.9	02:40-02:45	53.6	53.1	05:40-05:45	54.1	53.4
20:45-20:50	56.3	55.3	23:45-23:50	54.9	54.2	02:45-02:50	53.4	52.7	05:45-05:50	54.4	53.6
20:50-20:55	56.2	55.3	23:50-23:55	55.3	54.4	02:50-02:55	53.4	52.9	05:50-05:55	54.6	53.5
20:55-21:00	55.7	54.7	23:55-00:00	55.1	54.1	02:55-03:00	53.6	52.9	05:55-06:00	54.9	53.8
21:00-21:05	55.8	54.9	00:00-00:05	54.6	53.8	03:00-03:05	52.9	52.4	06:00-06:05	55.1	53.5
21:05-21:10	56.5	55.6	00:05-00:10	54.8	53.9	03:05-03:10	53.7	52.8	06:05-06:10	55.6	53.7
21:10-21:15	56.4	55.4	00:10-00:15	55.0	54.0	03:10-03:15	53.3	52.7	06:10-06:15	54.6	53.6
21:15-21:20	57.0	55.3	00:15-00:20	55.0	54.1	03:15-03:20	53.6	53.1	06:15-06:20	54.9	53.6
21:20-21:25	56.7	55.7	00:20-00:25	54.8	54.1	03:20-03:25	53.5	53.0	06:20-06:25	54.8	53.5
21:25-21:30	56.5	55.2	00:25-00:30	54.5	53.7	03:25-03:30	53.5	52.9	06:25-06:30	54.1	53.4
21:30-21:35	56.2	54.8	00:30-00:35	55.3	54.5	03:30-03:35	53.3	52.7	06:30-06:35	54.0	53.4
21:35-21:40	56.5	55.4	00:35-00:40	54.2	53.5	03:35-03:40	52.9	52.5	06:35-06:40	54.7	53.8
21:40-21:45	57.5	56.0	00:40-00:45	54.5	53.5	03:40-03:45	53.4	52.9	06:40-06:45	54.8	53.8
21:45-21:50	57.3	55.7	00:45-00:50	54.4	53.8	03:45-03:50	53.0	52.3	06:45-06:50	55.0	53.4
21:50-21:55	56.9	55.7	00:50-00:55	54.2	53.4	03:50-03:55	53.1	52.6	06:50-06:55	55.1	53.6
21:55-22:00	58.0	56.1	00:55-01:00	54.1	53.3	03:55-04:00	53.1	52.6	06:55-07:00	53.6	52.9
22:00-22:05	56.7	55.4	01:00-01:05	53.6	52.9	04:00-04:05	53.0	52.5	07:00-07:05	53.7	53.1
22:05-22:10	56.8	55.5	01:05-01:10	53.9	53.3	04:05-04:10	53.0	52.4	07:05-07:10	53.7	53.1
22:10-22:15	56.8	55.5	01:10-01:15	53.6	52.8	04:10-04:15	53.0	52.6	07:10-07:15	54.5	53.4
22:15-22:20	56.1	55.1	01:15-01:20	53.9	53.2	04:15-04:20	53.2	52.6	07:15-07:20	53.9	52.9
22:20-22:25	56.6	55.3	01:20-01:25	53.5	52.9	04:20-04:25	53.2	52.7	07:20-07:25	54.5	53.4
22:25-22:30	55.8	54.9	01:25-01:30	53.5	52.8	04:25-04:30	53.2	52.5	07:25-07:30	57.0	53.7
22:30-22:35	56.1	54.9	01:30-01:35	53.5	52.7	04:30-04:35	53.3	52.4	07:30-07:35	54.1	53.2
22:35-22:40	56.3	55.0	01:35-01:40	53.5	52.7	04:35-04:40	54.5	52.8	07:35-07:40	55.1	54.0
22:40-22:45	56.1	55.2	01:40-01:45	53.2	52.7	04:40-04:45	54.4	53.0	07:40-07:45	55.0	54.2
22:45-22:50	55.9	55.0	01:45-01:50	53.2	52.8	04:45-04:50	53.3	52.7	07:45-07:50	54.7	53.8
22:50-22:55	56.2	54.8	01:50-01:55	53.7	52.9	04:50-04:55	53.2	52.5	07:50-07:55	54.8	53.4
22:55-23:00	55.3	54.5	01:55-02:00	53.6	52.8	04:55-05:00	54.2	52.3	07:55-08:00	54.7	53.5



ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WG84) 47P 0674301 E, 1550827 N  
**Measured Date** : April 29, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-029  
**Report No.** : 2024-RAAI639  
**Report Date** : May 14, 2024

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)		
	Leq	L90	L50		Leq	L90	L50		Leq	L90	L50
08:00-08:05	54.5	53.4	52.4	11:00-11:05	54.7	53.9	52.9	14:00-14:05	56.0	55.0	54.0
08:05-08:10	54.3	53.5	52.6	11:05-11:10	54.4	53.6	52.6	14:05-14:10	55.8	54.5	53.4
08:10-08:15	54.3	53.4	52.4	11:15-11:20	55.1	54.2	53.2	14:10-14:15	55.7	54.2	53.1
08:15-08:20	54.6	53.6	52.6	11:25-11:30	55.9	54.5	53.5	14:15-14:20	55.7	54.5	53.4
08:20-08:25	54.8	53.7	52.7	11:35-11:40	55.0	53.9	52.9	14:20-14:25	55.7	54.1	53.0
08:25-08:30	55.0	53.9	52.9	11:45-11:50	54.6	53.6	52.6	14:25-14:30	55.7	54.2	53.1
08:30-08:35	55.5	54.1	53.1	11:55-12:00	54.8	54.0	53.0	14:30-14:35	54.6	53.7	52.7
08:35-08:40	55.7	53.7	52.7	12:05-12:10	55.2	53.7	52.7	14:35-14:40	55.9	54.4	53.4
08:40-08:45	54.4	53.6	52.6	12:15-12:20	54.5	53.5	52.5	14:40-14:45	54.8	53.9	52.9
08:45-08:50	55.0	54.2	53.2	12:25-12:30	54.6	53.9	52.9	14:45-14:50	54.8	53.7	52.7
08:50-08:55	55.3	54.5	53.5	12:35-12:40	54.8	54.1	53.1	14:50-14:55	54.6	53.7	52.7
08:55-09:00	55.1	54.2	53.2	12:45-12:50	55.0	54.3	53.3	14:55-15:00	54.2	53.2	52.2
09:00-09:05	55.1	54.2	53.2	12:55-13:00	55.0	54.3	53.3	15:00-15:05	54.4	53.7	52.7
09:05-09:10	54.8	54.0	53.0	13:05-13:10	55.1	54.4	53.4	15:05-15:10	55.0	53.4	52.4
09:10-09:15	56.1	54.5	53.5	13:15-13:20	53.9	53.3	52.3	15:10-15:15	54.5	53.6	52.6
09:15-09:20	55.1	54.3	53.3	13:25-13:30	55.1	53.9	52.9	15:15-15:20	54.8	53.9	52.9
09:20-09:25	54.6	54.0	53.4	13:35-13:40	54.4	53.4	52.4	15:20-15:25	54.6	53.8	52.8
09:25-09:30	55.8	54.3	53.3	13:45-13:50	55.0	53.9	52.9	15:25-15:30	55.1	54.0	53.0
09:30-09:35	54.2	53.5	52.5	13:55-14:00	54.7	53.7	52.7	15:30-15:35	55.5	54.3	53.3
09:35-09:40	54.9	53.7	52.7	14:00-14:05	55.4	54.8	53.8	15:35-15:40	55.5	54.4	53.4
09:40-09:45	54.3	53.2	52.2	14:05-14:10	55.1	54.0	53.0	15:40-15:45	54.8	53.8	52.8
09:45-09:50	54.6	53.7	52.7	14:15-14:20	54.5	53.6	52.6	15:45-15:50	54.8	53.9	52.9
09:50-09:55	54.7	53.3	52.3	14:25-14:30	55.6	54.7	53.7	15:50-15:55	54.9	54.1	53.1
09:55-10:00	53.8	52.8	51.8	14:35-14:40	54.8	54.1	53.1	15:55-16:00	54.9	53.6	52.6
10:00-10:05	54.8	53.7	52.7	14:45-14:50	55.2	54.4	53.4	16:00-16:05	55.0	54.2	53.2
10:05-10:10	54.0	53.1	52.1	14:55-15:00	55.5	54.2	53.2	16:05-16:10	55.3	53.8	52.8
10:10-10:15	54.1	53.4	52.4	15:05-15:10	54.6	53.6	52.6	16:10-16:15	54.3	53.3	52.3
10:15-10:20	54.5	53.8	52.8	15:15-15:20	54.5	53.8	52.8	16:15-16:20	54.4	53.6	52.6
10:20-10:25	53.8	53.1	52.1	15:25-15:30	54.8	53.9	52.9	16:20-16:25	54.5	53.5	52.5
10:25-10:30	54.3	53.3	52.3	15:35-15:40	54.6	53.9	52.9	16:25-16:30	54.6	53.9	52.9
10:30-10:35	54.2	53.3	52.3	15:45-15:50	55.4	53.7	52.7	16:30-16:35	54.8	53.7	52.7
10:35-10:40	54.5	53.4	52.4	15:55-16:00	55.1	54.2	53.2	16:35-16:40	54.5	53.8	52.8
10:40-10:45	55.6	53.9	52.9	16:00-16:05	55.0	54.3	53.3	16:40-16:45	54.8	53.9	52.9
10:45-10:50	54.8	53.7	52.7	16:05-16:10	54.9	54.1	53.1	16:45-16:50	54.8	53.9	52.9
10:50-10:55	54.9	54.1	53.1	16:10-16:15	55.3	54.5	53.5	16:50-16:55	55.1	54.4	53.4
10:55-11:00	54.6	53.9	52.9	16:15-16:20	54.7	54.0	53.0	16:55-17:00	54.8	54.2	53.2

ANALYSIS REPORT

**Customer Name** : Klong Luang Utilities Company Limited  
**Address** : 222 EGCO Tower, Vibhavadi Rangsit Road, Thung Song Hong, Lak Si, Bangkok 10210  
**Project Name** : Electricity and Steam Generating Cogeneration, Pathumthani Province Project  
**Project Location** : 1/9 Moo 3, Klong Nueng, Klong Luang, Pathum Thani  
**Measured Source** : Ambient Noise  
**Measured Point** : Staff Dormitory of Teijin Polyester (Thailand) Co., Ltd., Klong Nueng Sub-District, Klong Luang District, Pathum Thani Province  
**GPS. Coordinate** : UTM (WG84) 47P 0674301 E, 1550827 N  
**Measured Date** : April 29, 2024  
**Measured By** : [REDACTED]  
**Analyzed By** : Environment Research & Technology Co., Ltd.  
**Measured Instrument** : Integrating Sound Level Meter Scarlet Tech Model ST-21D Serial Number 820467

**Quotation No.** : AR2024-00674  
**Analysis No.** : 2024-AB865-029  
**Report No.** : 2024-RAAI639  
**Report Date** : May 14, 2024

Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)			Interval Time	Noise Level For 5 minutes, dB(A)		
	Leq	L90	L50		Leq	L90	L50		Leq	L90	L50
20:00-20:05	55.9	54.9	53.9	23:00-23:05	54.7	54.0	53.4	02:00-02:05	54.0	53.4	53.5
20:05-20:10	55.9	55.0	54.0	23:05-23:10	54.6	54.0	53.3	02:05-02:10	53.8	53.3	53.3
20:10-20:15	55.9	54.8	53.8	23:15-23:20	54.7	54.1	53.2	02:10-02:15	53.3	52.6	51.5
20:15-20:20	56.4	55.1	54.1	23:25-23:30	54.7	54.2	53.9	02:15-02:20	54.0	52.9	51.5
20:20-20:25	56.1	55.2	54.2	23:30-23:35	54.4	53.9	53.2	02:20-02:25	53.2	52.3	51.9
20:25-20:30	56.3	55.1	54.1	23:35-23:40	55.2	54.4	53.2	02:25-02:30	53.2	52.6	51.9
20:30-20:35	56.2	55.2	54.2	23:40-23:45	55.6	54.7	53.2	02:30-02:35	54.3	52.7	51.9
20:35-20:40	56.6	55.4	54.4	23:45-23:50	55.7	54.5	53.1	02:35-02:40	54.1	53.1	52.9
20:40-20:45	56.0	55.2	54.2	23:50-23:55	55.4	54.5	53.2	02:40-02:45	53.7	53.2	52.9
20:45-20:50	55.8	55.1	54.1	23:55-24:00	54.8	54.2	53.1	02:45-02:50	53.1	52.7	52.9
20:50-20:55	56.7	55.9	54.9	24:00-00:00	56.1	54.7	53.1	02:50-02:55	53.1	52.7	52.9
20:55-21:00	57.6	56.0	54.0	00:00-00:05	55.3	54.3	53.0	02:55-03:00	53.6	53.0	52.9
21:00-21:05	56.5	55.8	54.8	00:05-00:10	55.2	54.3	53.0	03:00-03:05	53.5	53.0	52.9
21:05-21:10	56.2	55.2	54.2	00:10-00:15	54.7	53.8	52.7	03:05-03:10	53.4	52.7	52.9
21:10-21:15	56.8	56.0	54.0	00:15-00:20	55.2	53.8	52.6	03:10-03:15	53.1	52.6	52.9
21:15-21:20	57.1	55.9	54.9	00:20-00:25	55.6	54.6	53.4	03:15-03:20	53.4	52.9	52.9
21:20-21:25	56.6	55.8	54.8	00:25-00:30	55.3	54.4	53.1	03:20-03:25	53.5	53.1	52.9
21:25-21:30	56.6	55.8	54.8	00:30-00:35	55.1	53.9	53.4	03:25-03:30	53.5	53.1	52.9
21:30-21:35	57.0	56.0	54.0	00:35-00:40	55.1	53.9	53.4	03:30-03:35	53.9	53.4	53.4
21:35-21:40	56.7	55.7	54.7	00:40-00:45	54.8	54.1	53.1	03:35-03:40	53.5	53.1	52.9
21:40-21:45	55.9	54.9	53.9	00:45-00:50	54.2	53.5	52.9	03:40-03:45	53.2	52.9	52.9
21:45-21:50	56.3	55.2	54.2	00:50-00:55	54.5	53.8	53.2	03:45-03:50	53.7	53.2	52.9
21:50-21:55	56.0	55.1	54.1	00:55-01:00	54.2	53.6	53.0	03:50-03:55	54.5	53.4	52.9
21:55-22:00	55.6	54.6	53.6	01:00-01:05	54.2	53.6	53.0	03:55-04:00	53.9	53.5	52.9
22:00-22:05	55.2	54.3	53.3	01:05-01:10	54.8	53.9	53.2	04:00-04:05	53.7	53.2	52.9
22:05-22:10	55.7	54.8	53.8	01:10-01:15	54.4	53.5	52.9	04:05-04:10	53.8	53.4	52.9
22:10-22:15	56.0	55.0	54.0	01:15-01:20	54.1	53.4	52.9	04:10-04:15	53.7	53.0	52.9
22:15-22:20	56.0	55.0	54.0	01:20-01:25	54.3	53.5	52.9	04:15-04:20	53.6	53.0	52.9
22:20-22:25	55.6	54.4	53.4	01:25-01:30	55.0	53.8	53.3	04:20-04:25	53.9	53.4	52.9
22:25-22:30	55.2	54.5	53.5	01:30-01:35	54.8	54.0	53.4	04:25-04:30	53.8	53.3	52.9
22:30-22:35	55.4	54.5	53.5	01:35-01:40	54.8	54.0	53.4	04:30-04:35	53.9	53.4	52.9
22:35-22:40	55.0	54.2	53.2	01:40-01:45	54.9	54.1	53.4	04:35-04:40	53.7	53.2	52.9
22:40-22:45	54.7	54.1	53.1	01:45-01:50	54.7	53.8	53.4	04:40-04:45	54.0	53.4	52.9
22:45-22:50	54.8	53.9	52.9	01:50-01:55	54.9	54.2	53.6	04:45-04:50	54.0	53.3	52.9
22:50-22:55	55.0	54.0	53.0	01:55-02:00	54.8	54.0	53.4	04:50-04:55	54.3	53.6	52.9
22:55-23:00	54.4	53.6	52.6	02:00-02:05	54.8	54.0	53.4	04:55-05:00	54.7	53.8	52.9

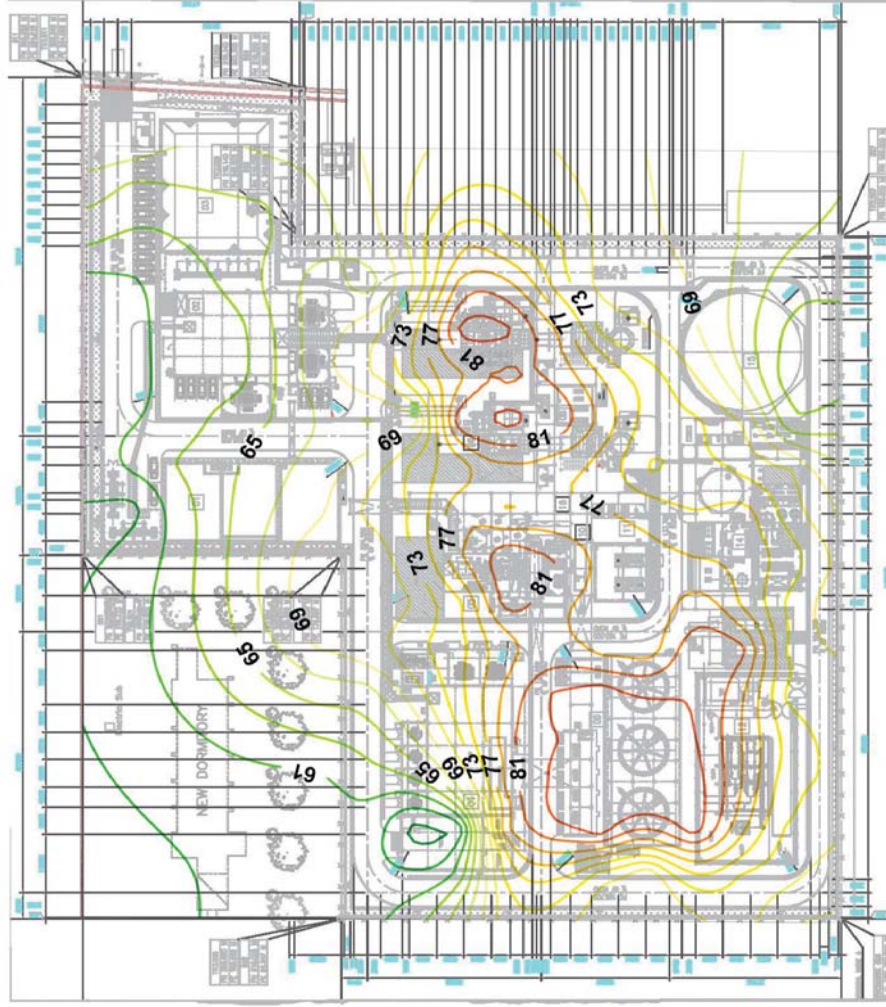


## ภาคผนวก 71

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ผังแสดงเส้นระดับเสียง (Noise Contour Map)



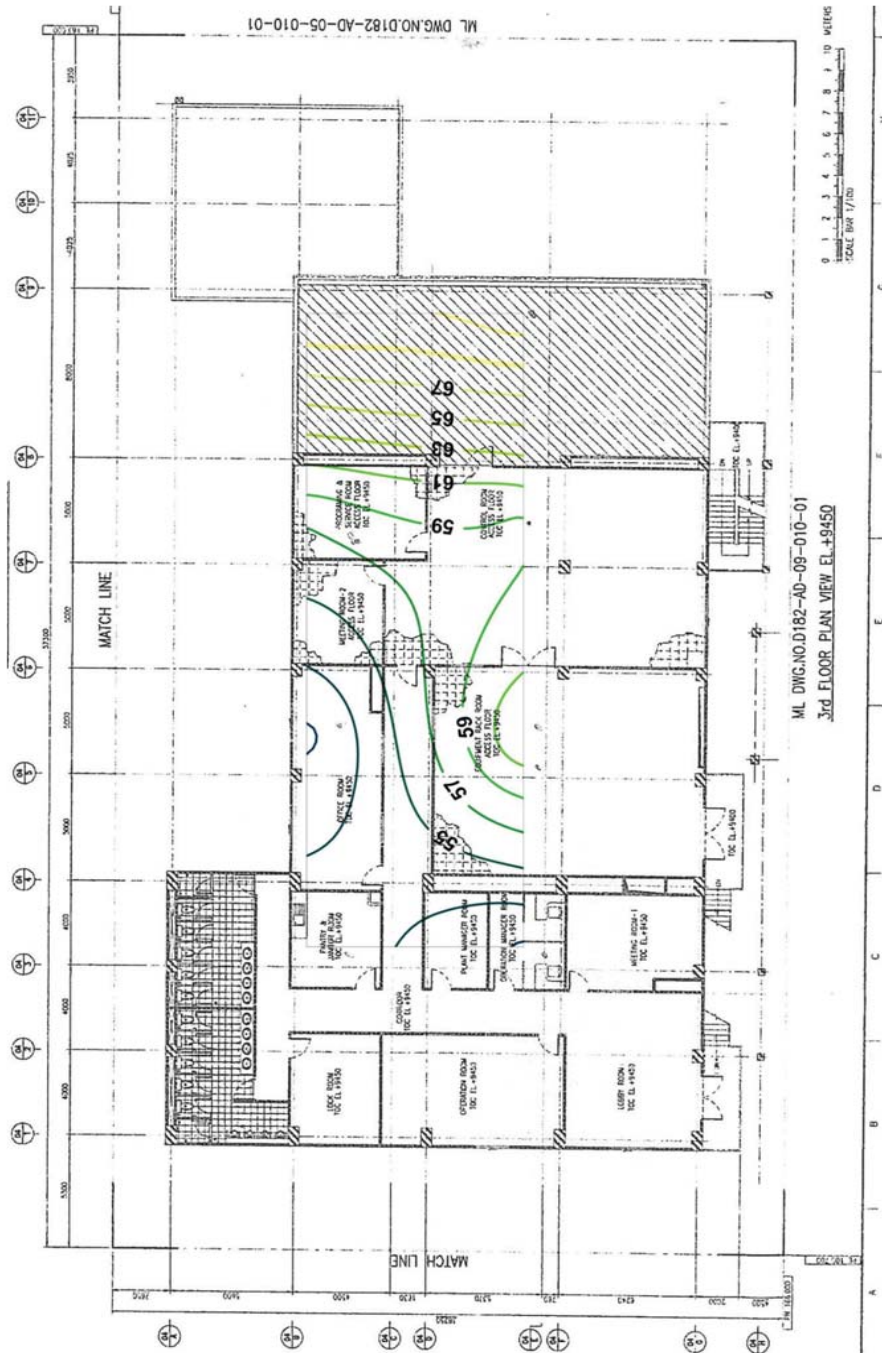


Title : Noise Contour (Line)  
Area : Electricity and Stream Generating  
Cogeneration, Pathumthani Province Project  
Area : Ground Floor  
Owner : Klong Luang Utilities Company Limited  
Date : May 24, 2021







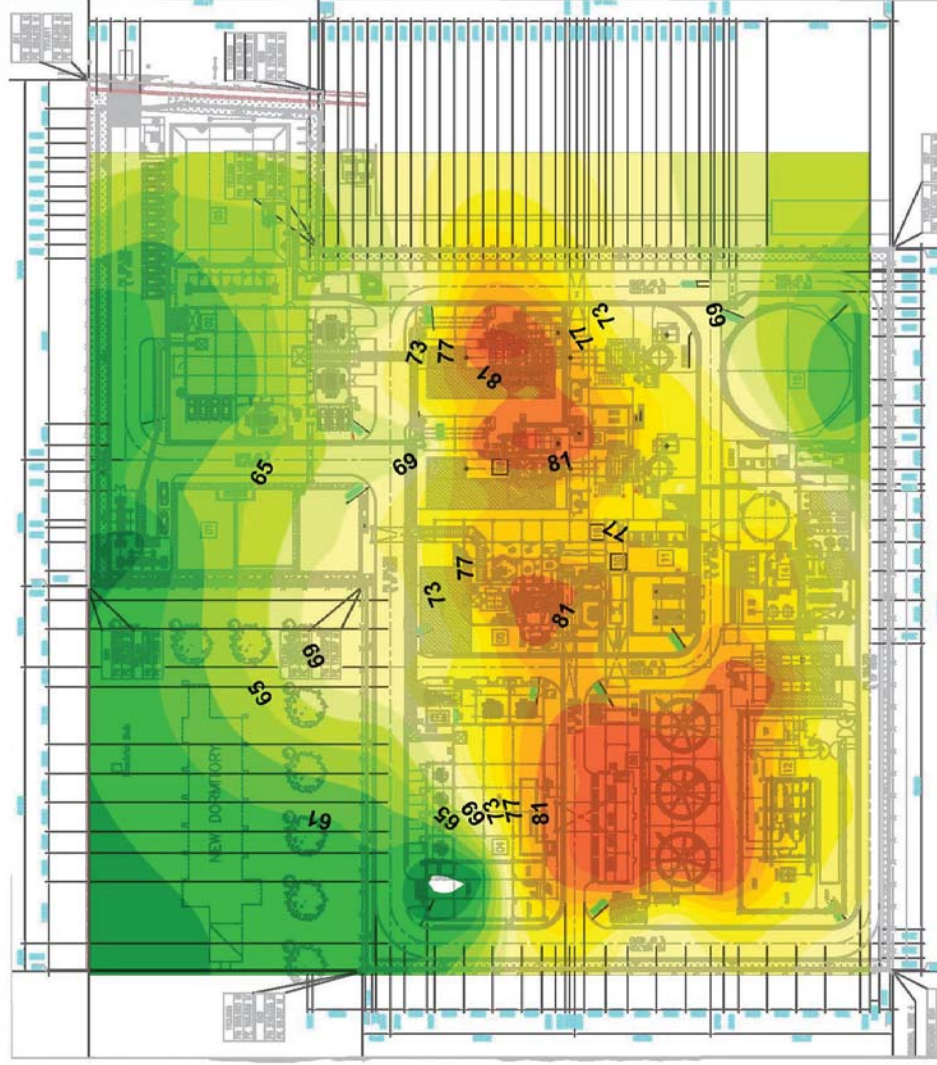


Noise Level dB(A)

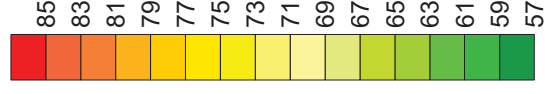


Title	: Noise Contour (Line)
Area	: Electricity and Stream Generating Cogeneration, Pathumthani Province Project
Area	: 3rd Floor CCB
Owner	: Klong Luang Utilities Company Limited
Date	: May 25, 2021



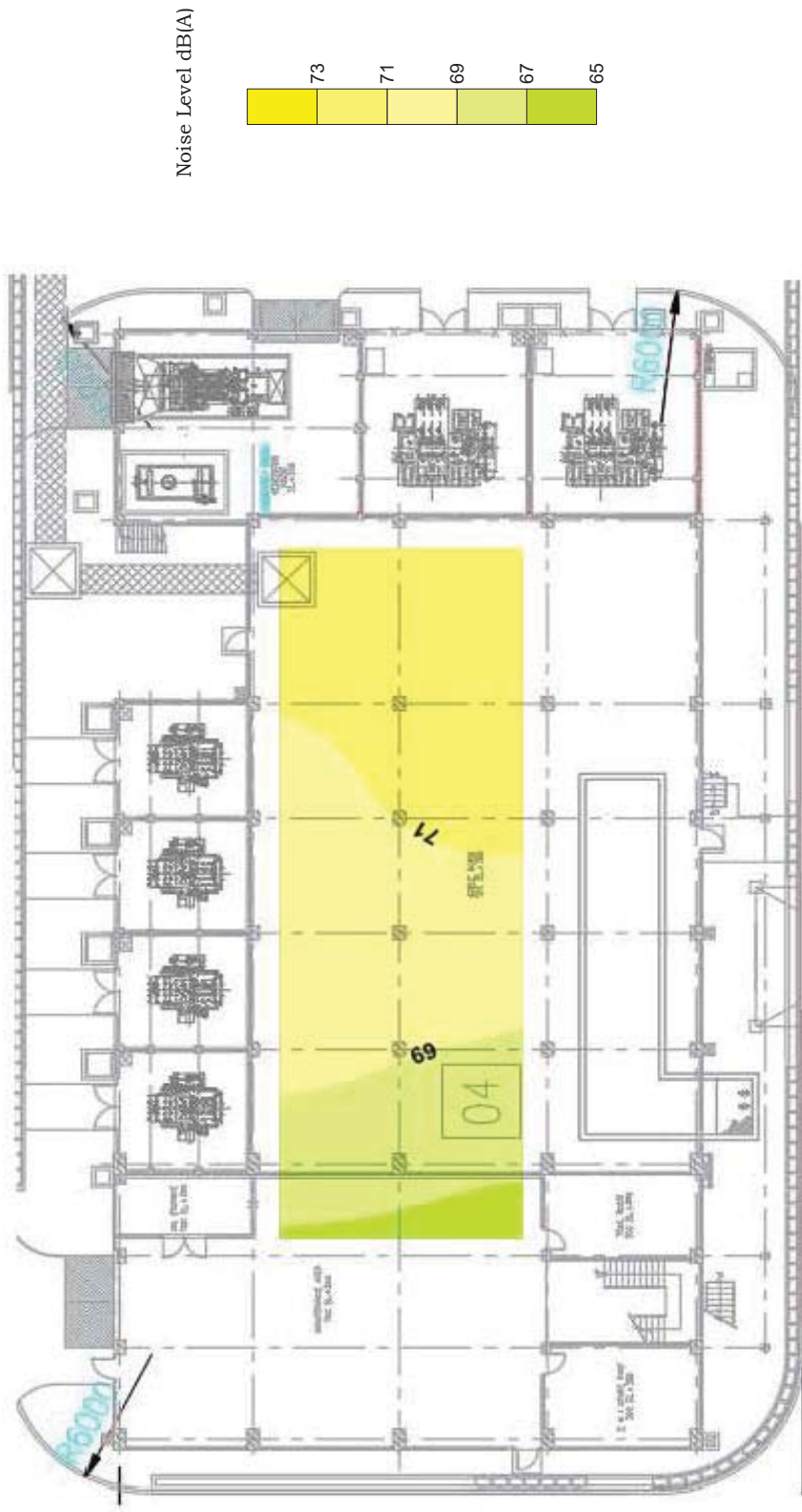


Noise Level dB(A)



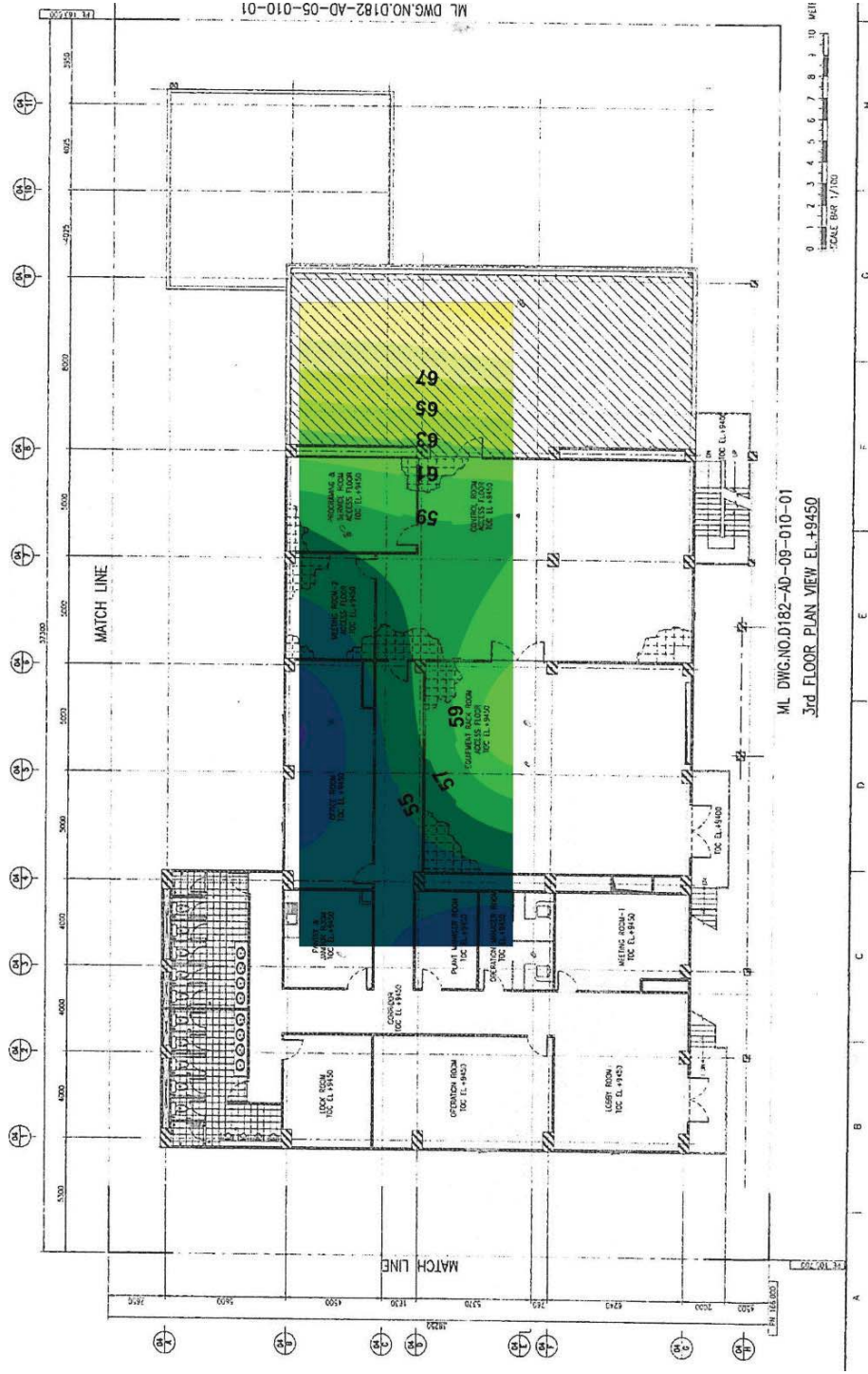
Title	: Noise Contour (Fill)
Area	: Electricity and Stream Generating Cogeneration, Pathumthani Province Project
Area	: Ground Floor
Owner	: Klong Luang Utilities Company Limited
Date	: May 24, 2021





Title	: Noise Contour (Fill)
Area	: Electricity and Stream Generating Cogeneration, Pathumthani Province Project
Area	: 2nd Floor CCB
Owner	: Klong Luang Utilities Company Limited
Date	: May 25, 2021





Title : Noise Contour (Fill)  
 Area : Electricity and Stream Generating  
 Cogeneration, Pathumthani Province Project  
 Area : 3rd Floor CCB  
 Owner : Klong Luang Utilities Company Limited  
 Date : May 25, 2021



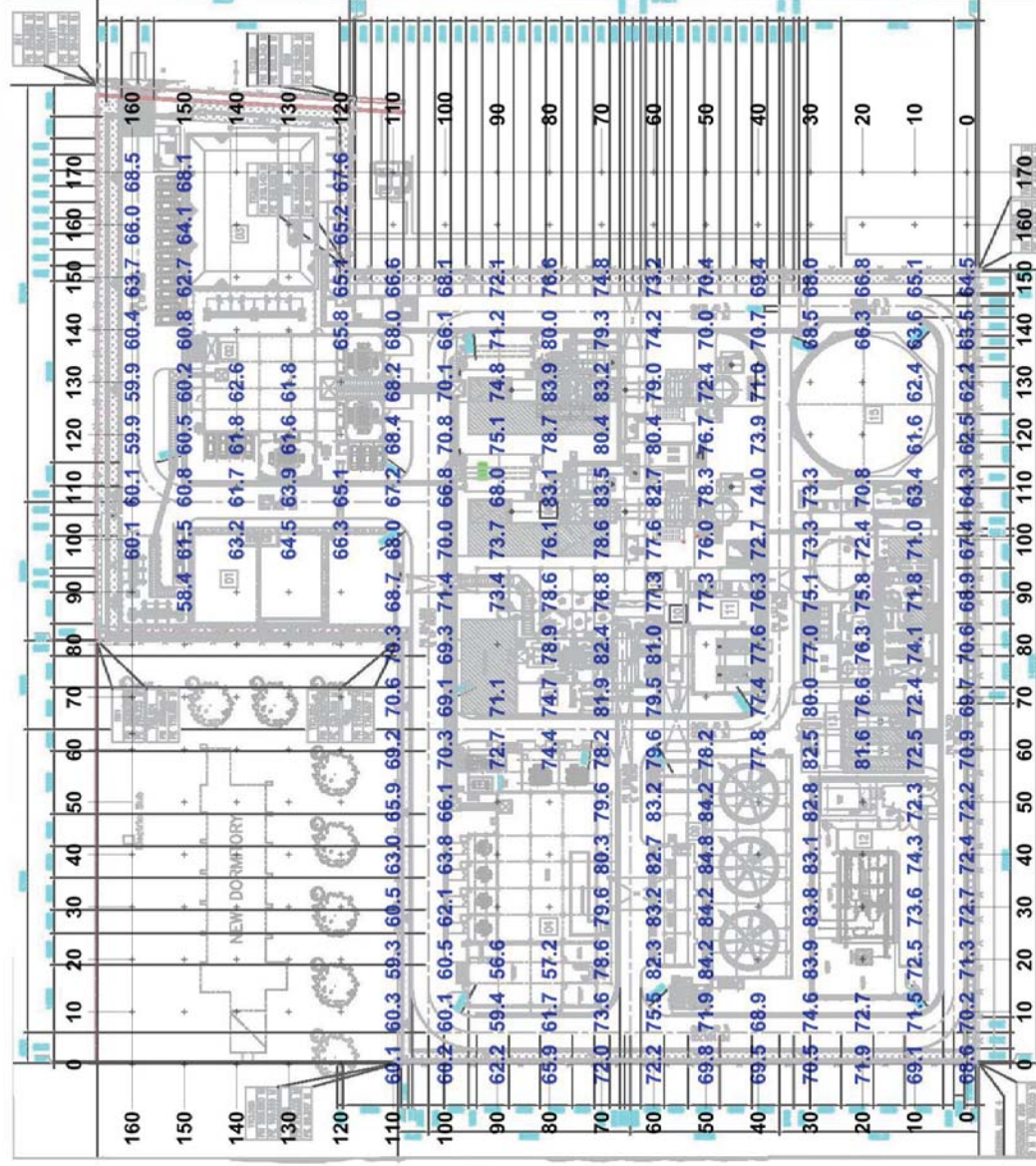


## ภาคผนวก 72

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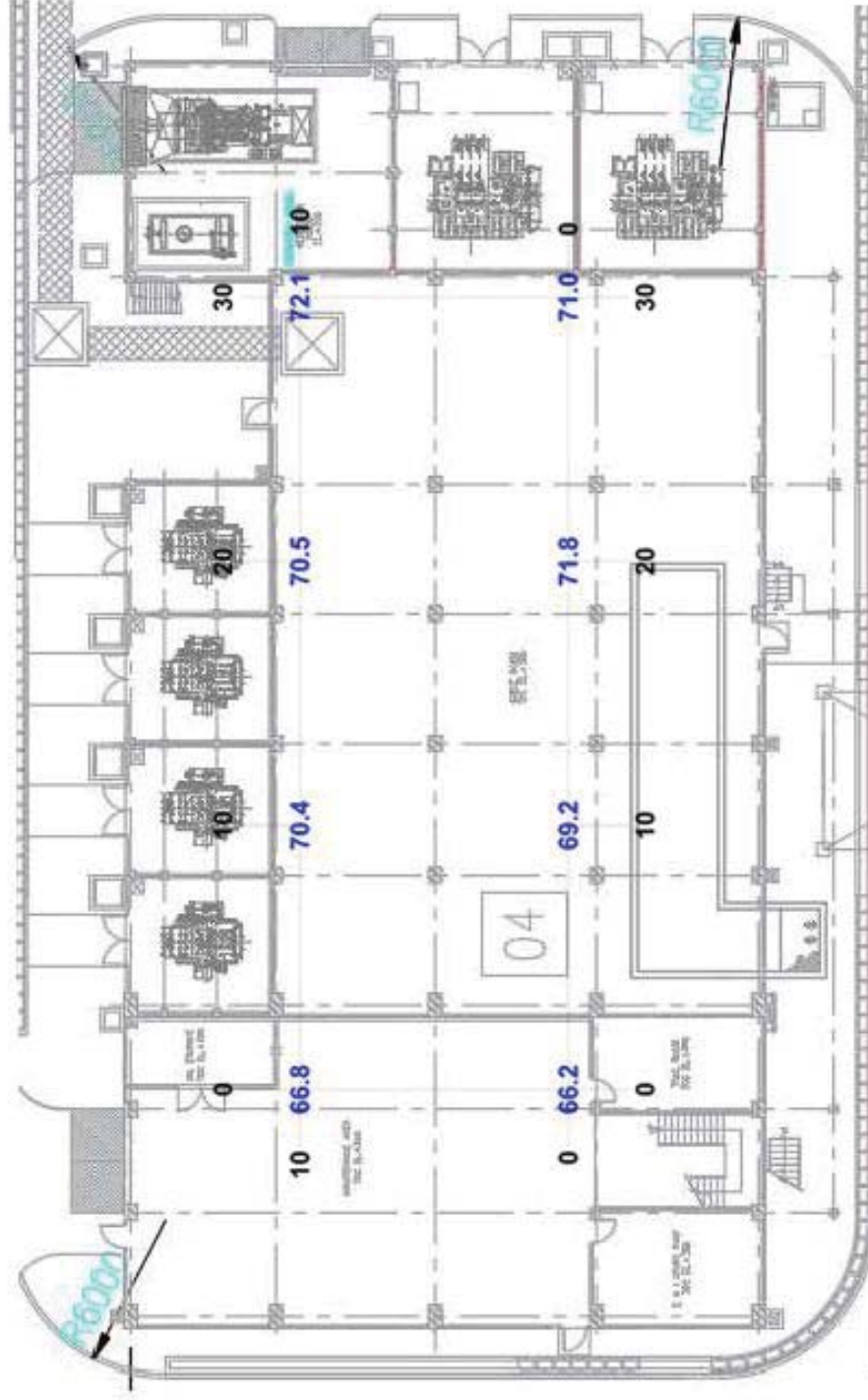
แสดงผลซ้อนทับกับแผนผังภายในพื้นที่โครงการ





Title : Noise Contour (Plot)  
Area : Electricity and Stream Generating Cogeneration, Pathumthani Province Project  
Area : Ground Floor  
Owner : Klong Luang Utilities Company Limited  
Date : May 24, 2021





Title : Noise Contour (Plot)

Area : Electricity and Stream Generating Cogeneration, Pathumthani Province Project

Area : 2nd Floor CCB

Owner : Klong Luang Utilities Company Limited

Date : May 25, 2021







## ภาคผนวก 73

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ผลการวิเคราะห์คุณภาพน้ำหล่อเย็น  
โดยระบบติดตามตรวจสอบคุณภาพน้ำแบบต่อเนื่อง





## บริษัท คลองหลวง ยูทิลิตี้ จำกัด

ตารางสรุปปริมาณการปล่อยน้ำหล่อเย็นลงคลองชลประทาน(คลองหนึ่ง)

ประจำเดือน : January-2024

วันที่	คุณภาพน้ำหล่อเย็น			ปริมาณรวม (m <sup>3</sup> )	หมายเหตุ
	ค่าความนำไฟฟ้า <2000 uS/cm	ความเป็นกรดด่าง(pH) 6.5-8.5	อุณหภูมิ <40 Deg. C		
1	1765.38	7.88	26.73	452.00	-
2	1782.41	7.89	27.12	450.00	-
3	1789.72	8.04	28.06	454.00	-
4	1792.22	8.08	27.47	451.00	-
5	1786.82	8.09	27.52	452.00	-
6	1787.80	7.96	26.88	451.00	-
7	1788.70	8.00	27.44	452.00	-
8	1768.51	8.02	27.62	450.00	-
9	1756.35	7.90	27.46	454.00	-
10	1757.18	8.01	27.53	452.00	-
11	1768.32	7.99	27.89	454.00	-
12	1779.34	8.01	28.06	455.00	-
13	1782.60	8.05	29.02	451.00	-
14	1797.20	8.00	28.37	453.00	-
15	1794.80	8.08	28.62	455.00	-
16	1793.90	8.07	26.96	454.00	-
17	1785.60	8.09	26.81	455.00	-
18	1778.73	8.07	26.35	444.00	-
19	1781.60	8.07	26.81	452.00	-
20	1783.30	8.04	26.98	450.00	-
21	1789.70	8.06	27.91	448.00	-
22	1786.20	8.12	27.23	451.00	-
23	1789.50	8.09	27.35	449.00	-
24	1787.90	8.06	27.36	448.00	-
25	1792.50	8.09	27.18	450.00	-
26	1791.00	8.06	26.09	452.00	-
27	1800.00	8.07	25.49	451.00	-
28	1804.00	8.05	25.93	453.00	-
29	1808.00	8.06	26.12	450.00	-
30	1807.00	8.04	26.31	451.00	-
31	1801.00	8.01	26.65	449.00	-

รวม				13,993.00	
หมายเหตุ : ปริมาณการปล่อยน้ำทิ้ง < 460 m <sup>3</sup>				ave	451.39
				max	455.00

ตรวจสอบโดย : [REDACTED] (ผู้จัดการส่วนเดินเครื่อง)





บริษัท คลองหลวง ยูทิลิตี้ จำกัด

ตารางสรุปปริมาณการปล่อยน้ำหล่อเย็นลงคลองชลประทาน(คลองหนึ่ง)

ประจำเดือน : February-2024

วันที่	คุณภาพน้ำหล่อเย็น			ปริมาณรวม (m <sup>3</sup> )	หมายเหตุ
	ค่าความนำไฟฟ้า <2000 uS/cm	ความเป็นกรดต่าง(pH) 6.5-8.5	อุณหภูมิ <40 Deg.C		
1	1779.34	8.02	27.95	457.00	-
2	1782.60	8.08	27.74	451.00	-
3	1797.20	8.04	28.13	454.00	-
4	1794.80	8.03	28.48	449.00	-
5	1793.90	8.04	28.60	452.00	-
6	1785.60	8.05	28.90	456.00	-
7	1800.00	8.07	29.50	454.00	-
8	1804.00	8.06	28.80	452.00	-
9	1808.00	8.20	30.30	454.00	-
10	1807.00	8.06	29.10	455.00	-
11	1562.40	8.14	29.10	451.00	-
12	1647.50	8.11	28.70	453.00	-
13	1550.30	8.05	25.70	435.00	-
14	1543.40	8.06	26.10	430.00	-
15	1572.20	8.06	26.40	428.00	-
16	1589.00	8.03	28.90	432.00	-
17	1639.40	8.02	28.20	429.00	-
18	1695.30	8.17	29.40	415.00	-
19	1673.20	8.09	28.60	421.00	-
20	1616.20	8.07	28.70	412.00	-
21	1605.90	8.09	29.40	419.00	-
22	1589.20	8.04	29.60	424.00	-
23	1552.80	8.10	29.30	436.00	-
24	1551.10	7.98	29.40	424.00	-
25	1534.20	7.94	29.30	452.00	-
26	1534.50	8.01	29.80	438.00	-
27	1526.20	8.01	29.80	423.00	-
28	1540.20	8.15	30.30	432.00	-
29	1530.10	8.25	30.40	445.00	-
รวม				12,733.00	
หมายเหตุ : ปริมาณการปล่อยน้ำทิ้ง < 460 m <sup>3</sup>				ave	439.07
				max	457.00

ตรวจสอบโดย : [Redacted Signature] (ผู้จัดการส่วนเดินเครื่อง)






## บริษัท คลองหลวง ยูทิลิตี้ จำกัด

ตารางสรุปปริมาณการปล่อยน้ำหล่อเย็นลงคลองชลประทาน(คลองหนึ่ง)

ประจำเดือน : March-2024

วันที่	คุณภาพน้ำหล่อเย็น			ปริมาณรวม (m <sup>3</sup> )	หมายเหตุ
	ค่าความนำไฟฟ้า <2000 uS/cm	ความเป็นกรดต่าง(pH) 6.5-8.5	อุณหภูมิ <40 Deg.C		
1	1509.00	8.01	29.70	425.00	—
2	1471.00	8.03	29.50	440.00	—
3	1457.87	7.97	29.66	435.00	—
4	1451.74	7.97	29.71	445.00	—
5	1477.79	8.04	30.33	450.00	—
6	1504.85	8.05	31.09	445.00	—
7	1486.00	7.87	29.54	435.00	—
8	1490.20	8.05	30.05	425.00	—
9	1478.69	8.03	30.68	450.00	—
10	1504.49	7.90	30.02	445.00	—
11	1657.15	7.92	30.25	445.00	—
12	1505.25	7.83	29.87	450.00	—
13	1508.00	7.86	29.90	450.00	—
14	1501.00	7.79	29.80	435.00	—
15	1489.00	7.82	29.80	450.00	—
16	1442.56	7.79	30.06	445.00	—
17	1435.78	7.80	29.93	450.00	—
18	1446.15	7.80	29.70	445.00	—
19	1442.40	7.81	29.60	450.00	—
20	1464.69	7.84	29.50	450.00	—
21	1475.25	7.95	29.75	445.00	—
22	1480.70	7.83	29.13	440.00	—
23	1509.51	7.85	29.04	435.00	—
24	1511.73	7.92	28.87	450.00	—
25	1506.72	8.05	30.32	440.00	—
26	1481.20	8.06	30.50	450.00	—
27	1464.23	8.05	30.52	450.00	—
28	1485.15	8.01	30.05	445.00	—
29	1465.00	8.00	29.95	450.00	—
30	1459.76	8.01	30.38	435.00	—
31	1437.58	7.99	30.49	440.00	—
รวม				13,745.00	
หมายเหตุ : ปริมาณการปล่อยน้ำทิ้ง < 460 m <sup>3</sup>				ave 443.39	
				max 450.00	

ตรวจสอบโดย :  (ผู้จัดการส่วนเดินเครื่อง)

FM-OP-002 / Rev.00





บริษัท คลองหลวง ยูทิลิตี้ จำกัด

ตารางสรุปปริมาณการปล่อยน้ำหล่อเย็นลงคลองชลประทาน(คลองหนึ่ง)

ประจำเดือน : April-2024

วันที่	คุณภาพน้ำหล่อเย็น			ปริมาณรวม (m <sup>3</sup> )	หมายเหตุ
	ค่าความนำไฟฟ้า <2000 uS/cm	ความเป็นกรดต่าง(pH) 6.5-8.5	อุณหภูมิ <40 Deg.C		
1	1405.53	8.01	30.49	405.00	—
2	1408.62	8.03	30.37	407.00	—
3	1448.02	7.97	30.72	404.00	—
4	1451.06	7.99	30.71	408.00	—
5	1465.14	8.04	30.70	400.00	—
6	1469.10	8.05	31.01	407.00	—
7	1471.32	7.87	32.20	405.00	—
8	1465.73	8.05	32.57	408.00	—
9	1454.90	8.03	32.59	400.00	—
10	1451.97	7.90	31.00	407.00	—
11	1451.39	7.92	31.16	408.00	—
12	1449.29	7.83	31.12	400.00	—
13	1437.16	7.86	31.20	409.00	—
14	1436.20	7.79	30.85	408.00	—
15	1435.80	7.77	30.79	406.00	—
16	1437.56	7.79	30.86	408.00	—
17	1436.48	7.80	30.63	407.00	—
18	1453.89	7.80	30.58	408.00	—
19	1488.98	7.81	31.44	400.00	—
20	1496.16	7.84	32.62	400.00	—
21	1488.23	7.95	31.40	407.00	—
22	1676.29	7.83	31.02	406.00	—
23	1667.41	7.85	31.09	407.00	—
24	1659.00	7.89	30.91	383.00	—
25	1506.72	8.05	30.78	395.00	—
26	1481.20	8.06	30.75	400.00	—
27	1464.23	8.05	31.22	400.00	—
28	1485.15	8.01	30.96	396.00	—
29	1465.00	8.00	31.61	400.00	—
30	1459.76	8.01	32.50	393.00	—
-	-	-	-	-	—

รวม			12,092.00
หมายเหตุ : ปริมาณการปล่อยน้ำทิ้ง < 460 m <sup>3</sup>			ave 403.07
			รวม 409.00

ตรวจสอบโดย : (ผู้จัดการส่วนเดินเครื่อง)





## บริษัท คลองหลวง ยูทิลิตี้ จำกัด

ตารางสรุปปริมาณการปล่อยน้ำหล่อเย็นลงคลองชลประทาน(คลองหนึ่ง)

ประจำเดือน : May-2024

วันที่	คุณภาพน้ำหล่อเย็น			ปริมาณรวม (m <sup>3</sup> )	หมายเหตุ
	ค่าความนำไฟฟ้า <2000 uS/cm	ความเป็นกรดต่าง(pH) 6.5-8.5	อุณหภูมิ <40 Deg.C		
1	1684.90	8.00	31.10	449.00	—
2	1680.32	8.10	30.90	445.00	—
3	1719.36	8.24	31.30	439.00	—
4	1768.36	8.19	32.10	440.00	—
5	1785.30	8.03	31.28	446.00	—
6	1819.12	8.11	31.39	427.00	—
7	1789.36	7.19	30.80	445.00	—
8	1627.59	7.89	30.00	454.00	—
9	1665.47	7.84	29.74	443.00	—
10	1707.63	7.81	29.70	448.00	—
11	1742.36	7.77	29.90	447.00	—
12	1808.28	7.85	31.41	442.00	—
13	1831.60	7.76	30.21	454.00	—
14	1880.36	7.78	30.00	445.00	—
15	1954.30	7.86	30.74	452.00	—
16	1789.30	7.87	30.60	447.00	—
17	1889.30	7.54	30.75	456.00	—
18	1884.30	7.85	31.24	455.00	—
19	1873.30	7.87	30.73	450.00	—
20	1945.30	7.88	31.71	458.00	—
21	1874.30	7.94	30.71	451.00	—
22	1742.30	7.93	30.29	449.00	—
23	1705.60	7.84	30.32	440.00	—
24	1744.36	7.74	31.49	453.00	—
25	1869.36	7.85	30.34	448.00	—
26	1740.48	8.03	30.90	455.00	—
27	1774.54	8.12	31.21	451.00	—
28	1722.47	8.04	31.24	452.00	—
29	1646.36	7.92	31.25	442.00	—
30	1789.30	7.89	31.24	446.00	—
31	1778.24	7.92	30.98	455.00	—
รวม				13,884.00	
หมายเหตุ : ปริมาณการปล่อยน้ำทิ้ง < 460 m <sup>3</sup>				ave	447.87
				max	458.00

ตรวจสอบโดย : \_\_\_\_\_ (ผู้จัดการส่วนเดินเครื่อง)





บริษัท คลองหลวง ยูทิลิตี้ จำกัด

ตารางสรุปปริมาณการปล่อยน้ำหล่อเย็นลงคลองชลประทาน(คลองหนึ่ง)

ประจำเดือน : June-2024

วันที่	คุณภาพน้ำหล่อเย็น			ปริมาณรวม (m <sup>3</sup> )	หมายเหตุ
	ค่าความนำไฟฟ้า <2000 uS/cm	ความเป็นกรดต่าง(pH) 6.5-8.5	อุณหภูมิ <40 Deg.C		
1	1620.66	7.84	30.44	439.60	—
2	1624.57	7.90	31.74	446.25	—
3	1615.70	7.84	31.13	438.70	—
4	1636.42	7.86	30.82	445.61	—
5	1642.67	7.82	30.74	448.32	—
6	1680.99	7.90	30.28	445.61	—
7	1687.46	7.97	30.80	446.35	—
8	1717.92	8.02	30.68	444.67	—
9	1742.86	8.07	30.98	431.03	—
10	1787.04	8.04	29.59	447.11	—
11	1754.51	8.03	29.45	439.97	—
12	1729.54	8.03	29.65	446.58	—
13	1693.45	8.02	30.37	442.38	—
14	1672.59	8.01	30.76	447.86	—
15	1668.60	8.09	31.71	445.65	—
16	1684.29	8.05	32.16	449.90	—
17	1672.86	8.04	31.89	448.38	—
18	1642.94	8.06	30.71	445.31	—
19	1649.64	8.05	30.65	448.12	—
20	1674.83	8.09	30.42	446.56	—
21	1673.16	8.05	30.07	442.78	—
22	1687.52	8.07	30.03	448.95	—
23	1690.44	8.01	30.03	449.65	—
24	1693.55	7.91	29.68	445.67	—
25	1672.93	7.92	29.47	447.53	—
26	1634.87	7.91	29.14	448.92	—
27	1556.84	7.81	29.21	446.23	—
28	1542.65	7.87	29.42	442.61	—
29	1528.01	7.91	30.32	449.12	—
30	1595.61	7.81	30.25	449.70	—
รวม				13,365.12	
หมายเหตุ : ปริมาณการปล่อยน้ำทิ้ง < 460 m <sup>3</sup>				ave 445.50	
				max 449.90	

ตรวจสอบโดย :



(ผู้จัดการส่วนเดินเครื่อง)



## ภาคผนวก 74

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ผลการวิเคราะห์คุณภาพน้ำหล่อเย็น จากบ่อพักน้ำหล่อเย็น



Customer Name : Klongluang Utilities Company Limited

Attention: K. Tawatchai

Project :

KURITA-GK CHEMICAL CO., LTD.

460 Moo 17 Bangphli Industrial Estate

Bangsaothong, Bangsaphong district, Samutprakarn 10570

Tel. (66)2-315-2300 Fax. (66)2-315-2301-2



## WASTE WATER ANALYSIS REPORT

Reference No.

SD24-23120034

Lab No.

01-5-60001-GB0708

Date:

7-Feb-24

ITEM NAME\ SAMPLE NAME	Holding Pond 1	-	-	-	-	Effluent Standard of Irrigation Dep (Not excess)
Sampling Time	11.30 AM	-	-	-	-	
Sampling Date	7-Feb-24	-	-	-	-	
pH	8.25	-	-	-	-	6.5 - 8.5
Temperature °C	29.0	-	-	-	-	40.0
Total Dissolved Solids mg/l	1,273	-	-	-	-	1,300
Oil & Grease mg/l	2.1	-	-	-	-	5.0
Residual Chlorine mg/l as Cl <sub>2</sub>	0.4	-	-	-	-	1.0
Copper mg/l as Cu	0.03	-	-	-	-	1.0
Zinc mg/l as Zn	0.46	-	-	-	-	5.0

**Remark :** Refer Parameter of Holding Pond1 sampling must be compared with the EIA regulation but the cooling water of this area is : discharged into Klong1 that is irrigation canal. Thus, this sampling must compare with the irrigation standard : and frequency 1 time/month.

วิเคราะห์โดย บริษัท คูริตา-จีเค เคมีคอล จำกัด  
ทะเบียนเลขที่ 7-022  
Analyzed by KURITA-GK CHEMICAL CO.,LTD.  
Certified Laboratory No. 7-022

Report results refer to submitted sample(s)

Manager:

Sale representative:





Customer Name : Klongluang Utilities Company Limited

Attention: K. Tawatchai

Project :

KURITA-GK CHEMICAL CO., LTD.

460 Moo 17 Bangphli Industrial Estate

Bangsaothong, Bangsaphong district, Samutprakarn 10570

Tel. (66)2-315-2300 Fax. (66)2-315-2301-2



## WASTE WATER ANALYSIS REPORT

Reference No.

SD24-23120034

Lab No.

01-5-60001-GA0405

Date:

18-Jan-24

ITEM NAME\ SAMPLE NAME	Holding Pond 1	-	-	-	-	Effluent Standard of Irrigation Dep (Not excess)
Sampling Time	15.00 PM	-	-	-	-	
Sampling Date	3-Jan-24	-	-	-	-	
pH	7.77	-	-	-	-	6.5 - 8.5
Temperature °C	28.0	-	-	-	-	40.0
Total Dissolved Solids mg/l	1,125	-	-	-	-	1,300
Oil & Grease mg/l	2.0	-	-	-	-	5.0
Residual Chlorine mg/l as Cl <sub>2</sub>	0.19	-	-	-	-	1.0
Copper mg/l as Cu	0.06	-	-	-	-	1.0
Zinc mg/l as Zn	0.75	-	-	-	-	5.0

**Remark :** Refer Parameter of Holding Pond1 sampling must be compared with the EIA regulation but the cooling water of this area is : discharged into Klong1 that is irrigation canal. Thus, this sampling must compare with the irrigation standard : and frequency 1 time/month.

วิเคราะห์โดย บริษัท คูริตะ-จีเค เคมีคอล จำกัด  
ทะเบียนเลขที่ 7-022  
Analyzed by KURITA-GK CHEMICAL CO.,LTD.  
Certified Laboratory No. 7-022

Report results refer to submitted sample(s)

Manager:

Sale representative:





<b>Customer Name : Klongluang Utilities Company Limited</b> <b>Attention: K. Tawatchai</b> <b>Project :</b>	<b>KURITA-GK CHEMICAL CO., LTD.</b> 460 Moo 17 Bangphli Industrial Estate Bangsaothong, Bangsaphong district, Samutprakarn 10570 Tel. (66)2-315-2300 Fax. (66)2-315-2301-2	
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## WASTE WATER ANALYSIS REPORT

Reference No. SD24-23120034      Lab No. 01-5-60001-GB0708      Date: 19-Mar-24

ITEM NAME\ SAMPLE NAME	Holding Pond 1	-	-	-	-	Effluent Standard of Irrigation Dep (Not excess)
Sampling Time	11.30 AM	-	-	-	-	
Sampling Date	6-Mar-24	-	-	-	-	
pH	8.30	-	-	-	-	6.5 - 8.5
Temperature °C	30.0	-	-	-	-	40.0
Total Dissolved Solids mg/l	1,266	-	-	-	-	1,300
Oil & Grease mg/l	< 1	-	-	-	-	5.0
Residual Chlorine mg/l as Cl <sub>2</sub>	0.3	-	-	-	-	1.0
Copper mg/l as Cu	0.08	-	-	-	-	1.0
Zinc mg/l as Zn	0.26	-	-	-	-	5.0

**Remark :** Refer Parameter of Holding Pond1 sampling must be compared with the EIA regulation but the cooling water of this area is  
 : discharged into Klong1 that is irrigation canal. Thus, this sampling must compare with the irrigation standard  
 : and frequency 1 time/month.

วิเคราะห์โดย บริษัท คูริตา-จีเค เคมีคอล จำกัด  
 ทะเบียนเลขที่ ๖-022  
 Analyzed by KURITA-GK CHEMICAL CO.,LTD.  
 Certified Laboratory No. ๖-022

Report results refer to submitted sample(s) only

Manager: \_\_\_\_\_

Sale representative: \_\_\_\_\_





<b>Customer Name : Klongluang Utilities Company Limited</b> <b>Attention: K. Tawatchai</b> <b>Project :</b>	<b>KURITA-GK CHEMICAL CO., LTD.</b> 460 Moo 17 Bangphli Industrial Estate Bangsaothong, Bangsaphong district, Samutprakarn 10570 Tel. (66)2-315-2300 Fax. (66)2-315-2301-2	
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## WASTE WATER ANALYSIS REPORT

Reference No. SD24-23120034      Lab No. 01-5-60001-GB0708      Date: 22-Apr-24

ITEM NAME\ SAMPLE NAME	Holding Pond 1	-	-	-	-	Effluent Standard of Irrigation Dep (Not excess)
Sampling Time	11.30 AM	-	-	-	-	
Sampling Date	3-Apr-24	-	-	-	-	
pH	7.86	-	-	-	-	6.5 - 8.5
Temperature °C	31.0	-	-	-	-	40.0
Total Dissolved Solids mg/l	1,282	-	-	-	-	1,300
Oil & Grease mg/l	1.6	-	-	-	-	5.0
Residual Chlorine mg/l as Cl <sub>2</sub>	0.3	-	-	-	-	1.0
Copper mg/l as Cu	0.05	-	-	-	-	1.0
Zinc mg/l as Zn	0.60	-	-	-	-	5.0

**Remark :** Refer Parameter of Holding Pond1 sampling must be compared with the EIA regulation but the cooling water of this area is  
 : discharged into Klong1 that is irrigation canal. Thus, this sampling must compare with the irrigation standard  
 : and frequency 1 time/month.

วิเคราะห์โดย บริษัท คูริตา-จีเค เคมีคอล จำกัด  
 ทะเบียนเลขที่ ๖-022  
 Analyzed by KURITA-GK CHEMICAL CO.,LTD.  
 Certified Laboratory No. ๖-022

Report results refer to submitted sample(s) only

Manager: \_\_\_\_\_

Sale representative: \_\_\_\_\_





<b>Customer Name :</b> Klongluang Utilities Company Limited <b>Attention:</b> K. Tawatchai <b>Project :</b>	<b>KURITA-GK CHEMICAL CO., LTD.</b> 460 Moo 17 Bangphli Industrial Estate Bangsaothong, Bangsaphong district, Samutprakarn 10570 Tel. (66)2-315-2300 Fax. (66)2-315-2301-2	
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## WASTE WATER ANALYSIS REPORT

Reference No. SD24-23120034      Lab No. 01-5-60001-GB0708      Date: 13-May-24

ITEM NAME\ SAMPLE NAME	Holding Pond 1	-	-	-	-	Effluent Standard of Irrigation Dep (Not excess)
Sampling Time	11.45 AM	-	-	-	-	
Sampling Date	2-May-24	-	-	-	-	
pH	8.24	-	-	-	-	6.5 - 8.5
Temperature °C	31.0	-	-	-	-	40.0
Total Dissolved Solids mg/l	1,219	-	-	-	-	1,300
Oil & Grease mg/l	1.4	-	-	-	-	5.0
Residual Chlorine mg/l as Cl <sub>2</sub>	0.2	-	-	-	-	1.0
Copper mg/l as Cu	0.01	-	-	-	-	1.0
Zinc mg/l as Zn	2.60	-	-	-	-	5.0

**Remark :** Refer Parameter of Holding Pond1 sampling must be compared with the EIA regulation but the cooling water of this area is  
 : discharged into Klong1 that is irrigation canal. Thus, this sampling must compare with the irrigation standard  
 : and frequency 1 time/month.

วิเคราะห์โดย บริษัท คูริตา-จีเค เคมีคอล จำกัด  
 ทะเบียนเลขที่ ๖-022  
 Analyzed by KURITA-GK CHEMICAL CO.,LTD.  
 Certified Laboratory No. ๖-022

Report results refer to submitted sample(s) only

Manager: \_\_\_\_\_

Sale representative: \_\_\_\_\_





<b>Customer Name : Klongluang Utilities Company Limited</b> <b>Attention: K. Tawatchai</b> <b>Project :</b>	<b>KURITA-GK CHEMICAL CO., LTD.</b> 460 Moo 17 Bangphli Industrial Estate Bangsaothong, Bangsaphong district, Samutprakarn 10570 Tel. (66)2-315-2300 Fax. (66)2-315-2301-2	
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## WASTE WATER ANALYSIS REPORT

Reference No. SD24-23120034      Lab No. 01-5-60001-GB0708      Date: 18-Jun-24

ITEM NAME\ SAMPLE NAME	Holding Pond 1	-	-	-	-	Effluent Standard of Irrigation Dep (Not excess)
Sampling Time	11.30 AM	-	-	-	-	
Sampling Date	5-Jun-24	-	-	-	-	
pH	7.93	-	-	-	-	6.5 - 8.5
Temperature °C	31.0	-	-	-	-	40.0
Total Dissolved Solids mg/l	1,123	-	-	-	-	1,300
Oil & Grease mg/l	3.2	-	-	-	-	5.0
Residual Chlorine mg/l as Cl <sub>2</sub>	0.3	-	-	-	-	1.0
Copper mg/l as Cu	0.01	-	-	-	-	1.0
Zinc mg/l as Zn	0.53	-	-	-	-	5.0

**Remark :** Refer Parameter of Holding Pond1 sampling must be compared with the EIA regulation but the cooling water of this area is  
 : discharged into Klong1 that is irrigation canal. Thus, this sampling must compare with the irrigation standard  
 : and frequency 1 time/month.

วิเคราะห์โดย บริษัท คูริตา-จีเค เคมีคอล จำกัด  
 ทะเบียนเลขที่ ๖-022  
 Analyzed by KURITA-GK CHEMICAL CO.,LTD.  
 Certified Laboratory No. ๖-022

Report results refer to submitted sample(s) only

Manager: \_\_\_\_\_

Sale representative: \_\_\_\_\_





## ภาคผนวก 75

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เอกสารขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน  
ที่ได้รับการขึ้นทะเบียนจากกรมโรงงานอุตสาหกรรม  
ของบริษัท คูริตะ-จีเค เคมีคอล จำกัด





ที่ อก ๐๓๑๐(๑)/ ๔.๕.๕.๕

## ๒ ๒ กุมภาพันธ์ ๒๕๖๖

เรื่อง ต่ออายุหนังสือขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน

เรียน กรรมการผู้จัดการ บริษัท คิวรีดะ-จีเค เคมีคอล จำกัด

อ้างถึง คำขอขึ้นทะเบียน/ต่ออายุ/เปลี่ยนแปลงบุคลากร และชนิดสารเคมีของห้องปฏิบัติการวิเคราะห์เอกชน

ลงวันที่ ๘ ธันวาคม ๒๕๖๕

สิ่งที่ส่งมาด้วย เอกสารแบบฟอร์มขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน

บริษัท คิวรีดะ-จีเค เคมีคอล จำกัด จำนวน ๒ แผ่น

ตามหนังสือที่อ้างถึง บริษัท คิวรีดะ-จีเค เคมีคอล จำกัด ขอต่ออายุหนังสือขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน เลขทะเบียน ๖-๐๒๒ สถานที่ตั้งเลขที่ ๔๖๐ หมู่ที่ ๑๙ นิคมอุตสาหกรรมบางพลี ตำบลบางเสาธง อำเภอบางเสาธง จังหวัดสมุทรปราการ ต่อกรมโรงงานอุตสาหกรรม นั้น

กรมโรงงานอุตสาหกรรมพิจารณาแล้ว ให้บริษัท คิวรีดะ-จีเค เคมีคอล จำกัด ต่ออายุหนังสือขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน โดยมีองค์ประกอบดังนี้

ก. ผู้ควบคุมดูแลห้องปฏิบัติการวิเคราะห์

ทะเบียนเลขที่ ๖-๐๒๒-๐-๐๐๐๑

ข. เจ้าหน้าที่ประจำห้องปฏิบัติการวิเคราะห์

๑) [redacted] ทะเบียนเลขที่ ๖-๐๒๒-๖-๐๐๐๑

๒) [redacted] ทะเบียนเลขที่ ๖-๐๒๒-๖-๐๐๐๒

ค. ขอขยายสารเคมีที่ได้รับขึ้นทะเบียนวิเคราะห์ในน้ำเสีย ตามสิ่งที่ส่งมาด้วย

หนังสือฉบับนี้จะมีผลอายุในวันที่ ๘ กุมภาพันธ์ ๒๕๖๕ หากประสงค์จะต่ออายุหนังสือขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน ให้ยื่นคำขอต่ออายุพร้อมเอกสารประกอบคำขอต่อกรมโรงงานอุตสาหกรรม ภายใน ๓๐ วัน ก่อนวันสิ้นสุดหนังสือขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน ทั้งนี้ สามารถยื่นคำขอผ่านระบบอิเล็กทรอนิกส์ได้ทั้งหน้าเว็บไซต์กรมโรงงานอุตสาหกรรม ตาม QR code ที่แนบหนังสือฉบับนี้

จึงเรียนมาเพื่อทราบ

ขอแสดงความนับถือ



นางวิภาดาพรรัตนานุการพิเศษ รักษาการแทน

ผู้อำนวยการกองวิจัยและพัฒนานวัตกรรมโรงงานอุตสาหกรรม

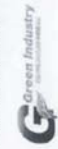
ปฏิบัติงานการแทนอธิบดีกรมโรงงานอุตสาหกรรม

กลุ่มมาตรฐานวิธีการวิเคราะห์ทดสอบเคมีภัณฑ์และทะเบียนห้องปฏิบัติการ

โทร. ๐ ๒๕๓๐ ๖๓๑๒ ต่อ ๒๑๐๓-๕

โทรสาร ๐ ๒๕๓๐ ๖๓๑๒ ต่อ ๒๑๕๙

ไปรษณีย์อิเล็กทรอนิกส์ sarabak@dlw.mail.go.th



"อุตสาหกรรมก้าวหน้า ร่วมกันพัฒนา อุตสาหกรรมสีเขียว"

เอกสารแนบท้ายหนังสือรับต่ออายุขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน  
บริษัท คิวรีดะ-จีเค เคมีคอล จำกัด เลขทะเบียน ๖-๐๒๒  
ที่ อก ๐๓๑๐(๑)/ ๔.๕.๕.๕ ลงวันที่ ๒ กุมภาพันธ์ ๒๕๖๖

ขอขยายสารเคมีที่ได้รับขึ้นทะเบียนจากกรมโรงงานอุตสาหกรรม จำนวน ๒๗ รายการ

น้ำเสีย จำนวน ๒๗ รายการ

ลำดับที่	สารเคมี	วิธีวิเคราะห์
1	Arsenic	1) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method <sup>[2]</sup> 2) Digestion, Inductively Coupled Plasma Method <sup>[2]</sup>
2	Barium	1) Digestion, Direct Nitrous Oxide-Acetylene Flame Method <sup>[2]</sup> 2) Digestion, Inductively Coupled Plasma Method <sup>[2]</sup>
3	Biochemical Oxygen Demand	5-Day BOD Test, Membrane Electrode Method <sup>[2]</sup>
4	Cadmium	1) Digestion, Direct Air-Acetylene Flame Method <sup>[2]</sup> 2) Digestion, Inductively Coupled Plasma Method <sup>[2]</sup>
5	Chemical Oxygen Demand	Closed Reflux, Colorimetric Method <sup>[2]</sup>
6	Chromium	1) Digestion, Direct Air-Acetylene Flame Method <sup>[2]</sup> 2) Digestion, Inductively Coupled Plasma Method <sup>[2]</sup>
7	Color	ADMI Weighted-Ordinate Spectrophotometric Method <sup>[2]</sup>
8	Copper	1) Digestion, Direct Air-Acetylene Flame Method <sup>[2]</sup> 2) Digestion, Inductively Coupled Plasma Method <sup>[2]</sup>
9	Cyanide	Distillation, Colorimetric Method <sup>[2]</sup>
10	Formaldehyde	Distillation, Colorimetric Method <sup>[1]</sup>
11	Free Chlorine	Iodometric Method <sup>[2]</sup>
12	Hexavalent Chromium	Colorimetric Method <sup>[2]</sup>
13	Lead	1) Digestion, Direct Air-Acetylene Flame Method <sup>[2]</sup> 2) Digestion, Inductively Coupled Plasma Method <sup>[2]</sup>



ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
14	Manganese	1) Digestion, Direct Air-Acetylene Flame Method <sup>[2]</sup> 2) Digestion, Inductively Coupled Plasma Method <sup>[2]</sup>
15	Mercury	Digestion, Cold-Vapor Atomic Absorption Spectrometric Method <sup>[2]</sup>
16	Nickel	1) Digestion, Direct Air-Acetylene Flame Method <sup>[2]</sup> 2) Digestion, Inductively Coupled Plasma Method <sup>[2]</sup>
17	Oil & Grease	Soxhlet Extraction Method <sup>[2]</sup>
18	pH	Electrometric Method <sup>[2]</sup>
19	Phenols	Distillation, Chloroform Extraction Method <sup>[2]</sup>
20	Selenium	1) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method <sup>[2]</sup> 2) Digestion, Inductively Coupled Plasma Method <sup>[2]</sup>
21	Sulfide	Iodometric Method <sup>[2]</sup>
22	Temperature	Laboratory and Field Methods <sup>[2]</sup>
23	Total Dissolved Solids	Dried at 180 °C <sup>[2]</sup>
24	Total Kjeldahl Nitrogen	Macro-Kjeldahl Method <sup>[2]</sup>
25	Total Suspended Solids	Dried at 103-105 °C <sup>[2]</sup>
26	Trivalent Chromium	1) Digestion, Direct Air-Acetylene Flame Method; Colorimetric Method; Calculation <sup>[2]</sup> 2) Digestion, Inductively Coupled Plasma Method; Colorimetric Method; Calculation <sup>[2]</sup>
27	Zinc	1) Digestion, Direct Air-Acetylene Flame Method <sup>[2]</sup> 2) Digestion, Inductively Coupled Plasma Method <sup>[2]</sup>

#### เอกสารอ้างอิง

1. สมาคมวิศวกรรมสิ่งแวดล้อมแห่งประเทศไทย. คู่มือวิเคราะห์น้ำเสีย. พิมพ์ครั้งที่ 4. กรุงเทพฯ: เรือนแก้วการพิมพ์, 2547.
2. APHA, AWWA, WEF. Standard Methods for the Examination of Water and Wastewater. 23<sup>rd</sup> ed. Washington, DC: APHA, 2017.



## ภาคผนวก 76

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ผลการวิเคราะห์คุณภาพน้ำทิ้ง จากบ่อกักน้ำทิ้ง



Customer Name : Klongluang Utilities Company Limited

Attention: K. Tawatchai

Project :

KURITA-GK CHEMICAL CO., LTD.

460 Moo 17 Bangphli Industrial Estate

Bangsaothong, Bangsaphong district, Samutprakarn 10570

Tel. (66)2-315-2300 Fax. (66)2-315-2301-2



## WASTE WATER ANALYSIS REPORT

Reference No.

SD24-24130033

Lab No.

01-5-60001-GB0912

Date:

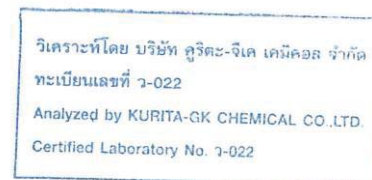
20-Feb-24

ITEM NAME\ SAMPLE NAME	Retention Pond	-	-	-	Effluent Standard of DIW (Not excces)	Effluent Standard of Irrigation Dep (Not excess)
Sampling Time	11.35 AM	-	-	-		
Sampling Date	9-Feb-24	-	-	-		
pH	7.45	-	-	-	5.5 - 9.0	6.5 - 8.5
Temperature °C	29.0	-	-	-	40.0	40.0
Total Dissolved Solids mg/l	458	-	-	-	3,000	1,300
Suspended Solids mg/l	5	-	-	-	50.0	30.0
COD(Cr) mg/l as O <sub>2</sub>	53	-	-	-	120.0	100.0
BOD mg/l as O <sub>2</sub>	8	-	-	-	20.0	20.0

**Remark :** Refer Parameter of Retention Pond sampling must be compared with the EIA regulation .

: This sampling must compare with Notification of the Ministry of Industry, Issue1996,

: Subject: Determination of wastewater discharged characteristic and frequency 1 time/month.



Report results refer to submitted sample(s) only

Manager:

Sale representative





Customer Name : Klongluang Utilities Company Limited

Attention: K. Tawatchai

Project :

KURITA-GK CHEMICAL CO., LTD.

460 Moo 17 Bangphli Industrial Estate

Bangsaothong, Bangsaphong district, Samutprakarn 10570

Tel. (66)2-315-2300 Fax. (66)2-315-2301-2



## WASTE WATER ANALYSIS REPORT

Reference No.

SD24-24130033

Lab No.

01-5-60001-GA1011

Date:

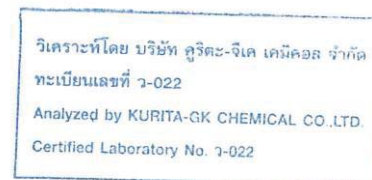
18-Jan-24

ITEM NAME\ SAMPLE NAME	Retention Pond	-	-	-	Effluent Standard of DIW (Not excces)	Effluent Standard of Irrigation Dep (Not excess)
Sampling Time	11.30 AM	-	-	-		
Sampling Date	10-Jan-24	-	-	-		
pH	7.39	-	-	-	5.5 - 9.0	6.5 - 8.5
Temperature °C	24.0	-	-	-	40.0	40.0
Total Dissolved Solids mg/l	480	-	-	-	3,000	1,300
Suspended Solids mg/l	9	-	-	-	50.0	30.0
COD(Cr) mg/l as O <sub>2</sub>	< 25	-	-	-	120.0	100.0
BOD mg/l as O <sub>2</sub>	4	-	-	-	20.0	20.0

**Remark :** Refer Parameter of Retention Pond sampling must be compared with the EIA regulation .

: This sampling must compare with Notification of the Ministry of Industry, Issue1996,

: Subject: Determination of wastewater discharged characteristic and frequency 1 time/month.



Report results refer to submitted sample(s) only

Manager:

Sale representative





<b>Customer Name :</b> Klongluang Utilities Company Limited <b>Attention:</b> K. Tawatchai <b>Project :</b>	<b>KURITA-GK CHEMICAL CO., LTD.</b> 460 Moo 17 Bangphli Industrial Estate Bangsaothong, Bangsaphong district, Samutprakarn 10570 Tel. (66)2-315-2300 Fax. (66)2-315-2301-2	
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## WASTE WATER ANALYSIS REPORT

Reference No. SD24-24130033      Lab No. 01-5-60001-GB0912      Date: 26-Mar-24

ITEM NAME\ SAMPLE NAME	Retention Pond	-	-	-	Effluent Standard of DIW (Not excee)	Effluent Standard of Irrigation Dep (Not excess)
Sampling Time	11.40 AM	-	-	-		
Sampling Date	13-Mar-24	-	-	-		
pH -	7.49	-	-	-	5.5 - 9.0	6.5 - 8.5
Temperature °C	30.0	-	-	-	40.0	40.0
Total Dissolved Solids mg/l	351	-	-	-	3,000	1,300
Suspended Solids mg/l	9	-	-	-	50.0	30.0
COD(Cr) mg/l as O <sub>2</sub>	< 25	-	-	-	120.0	100.0
BOD mg/l as O <sub>2</sub>	7	-	-	-	20.0	20.0

**Remark :** Refer Parameter of Retention Pond sampling must be compared with the EIA regulation .

: This sampling must compare with Notification of the Ministry of Industry, Issue1996,

: Subject: Determination of wastewater discharged characteristic and frequency 1 time/month.

วิเคราะห์โดย บริษัท คูริตา-จีเค เคมีคอล จำกัด  
 ทะเบียนเลขที่ 7-022  
 Analyzed by KURITA-GK CHEMICAL CO.,LTD.  
 Certified Laboratory No. 7-022

Report results refer to submitted sample(s) only

Manager:

Sale representative:





<b>Customer Name :</b> Klongluang Utilities Company Limited <b>Attention:</b> K. Tawatchai <b>Project :</b>	<b>KURITA-GK CHEMICAL CO., LTD.</b> 460 Moo 17 Bangphli Industrial Estate Bangsaothong, Bangsaphong district, Samutprakarn 10570 Tel. (66)2-315-2300 Fax. (66)2-315-2301-2	
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## WASTE WATER ANALYSIS REPORT

Reference No. SD24-24130033      Lab No. 01-5-60001-GB0912      Date: 7-May-24

ITEM NAME\ SAMPLE NAME	Retention Pond	-	-	-	Effluent Standard of DIW (Not excces)	Effluent Standard of Irrigation Dep (Not excess)
Sampling Time	11.30 AM	-	-	-		
Sampling Date	24-Apr-24	-	-	-		
pH -	7.62	-	-	-	5.5 - 9.0	6.5 - 8.5
Temperature °C	31.0	-	-	-	40.0	40.0
Total Dissolved Solids mg/l	351	-	-	-	3,000	1,300
Suspended Solids mg/l	11	-	-	-	50.0	30.0
COD(Cr) mg/l as O <sub>2</sub>	< 25	-	-	-	120.0	100.0
BOD mg/l as O <sub>2</sub>	8	-	-	-	20.0	20.0

**Remark :** Refer Parameter of Retention Pond sampling must be compared with the EIA regulation .

: This sampling must compare with Notification of the Ministry of Industry, Issue1996,

: Subject: Determination of wastewater discharged characteristic and frequency 1 time/month.

วิเคราะห์โดย บริษัท คูริตา-จีเค เคมีคอล จำกัด  
 ทะเบียนเลขที่ 7-022  
 Analyzed by KURITA-GK CHEMICAL CO.,LTD.  
 Certified Laboratory No. 7-022

Report results refer to submitted sample(s) only

Manager:

Sale representative:





<b>Customer Name :</b> Klongluang Utilities Company Limited <b>Attention:</b> K. Tawatchai <b>Project :</b>	<b>KURITA-GK CHEMICAL CO., LTD.</b> 460 Moo 17 Bangphli Industrial Estate Bangsaothong, Bangsaphong district, Samutprakarn 10570 Tel. (66)2-315-2300 Fax. (66)2-315-2301-2	
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## WASTE WATER ANALYSIS REPORT

Reference No. SD24-24130033      Lab No. 01-5-60001-GB0912      Date: 6-Jun-24

ITEM NAME\ SAMPLE NAME	Retention Pond	-	-	-	Effluent Standard of DIW (Not excces)	Effluent Standard of Irrigation Dep (Not excess)
Sampling Time	11.30 AM	-	-	-		
Sampling Date	22-May-24	-	-	-		
pH -	7.40	-	-	-	5.5 - 9.0	6.5 - 8.5
Temperature °C	31.0	-	-	-	40.0	40.0
Total Dissolved Solids mg/l	356	-	-	-	3,000	1,300
Suspended Solids mg/l	4	-	-	-	50.0	30.0
COD(Cr) mg/l as O <sub>2</sub>	< 25	-	-	-	120.0	100.0
BOD mg/l as O <sub>2</sub>	7	-	-	-	20.0	20.0

**Remark :** Refer Parameter of Retention Pond sampling must be compared with the EIA regulation .

: This sampling must compare with Notification of the Ministry of Industry, Issue1996,

: Subject: Determination of wastewater discharged characteristic and frequency 1 time/month.

วิเคราะห์โดย บริษัท คูริตา-จีเค เคมีคอล จำกัด  
 ทะเบียนเลขที่ 7-022  
 Analyzed by KURITA-GK CHEMICAL CO.,LTD.  
 Certified Laboratory No. 7-022

Report results refer to submitted sample(s) only

Manager:

Sale representative:





<b>Customer Name :</b> Klongluang Utilities Company Limited <b>Attention:</b> K. Tawatchai <b>Project :</b>	<b>KURITA-GK CHEMICAL CO., LTD.</b> 460 Moo 17 Bangphli Industrial Estate Bangsaothong, Bangsaphong district, Samutprakarn 10570 Tel. (66)2-315-2300 Fax. (66)2-315-2301-2	
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## WASTE WATER ANALYSIS REPORT

Reference No. SD24-24130033      Lab No. 01-5-60001-GB0912      Date: 1-Jul-24

ITEM NAME\ SAMPLE NAME	Retention Pond	-	-	-	Effluent Standard of DIW (Not excces)	Effluent Standard of Irrigation Dep (Not excess)
Sampling Time	13.40 PM	-	-	-		
Sampling Date	19-Jun-24	-	-	-		
pH -	7.57	-	-	-	5.5 - 9.0	6.5 - 8.5
Temperature °C	31.0	-	-	-	40.0	40.0
Total Dissolved Solids mg/l	324	-	-	-	3,000	1,300
Suspended Solids mg/l	7	-	-	-	50.0	30.0
COD(Cr) mg/l as O <sub>2</sub>	81	-	-	-	120.0	100.0
BOD mg/l as O <sub>2</sub>	7	-	-	-	20.0	20.0

**Remark :** Refer Parameter of Retention Pond sampling must be compared with the EIA regulation .

: This sampling must compare with Notification of the Ministry of Industry, Issue1996,

: Subject: Determination of wastewater discharged characteristic and frequency 1 time/month.

วิเคราะห์โดย บริษัท คูริตา-จีเค เคมีคอล จำกัด  
 ทะเบียนเลขที่ 7-022  
 Analyzed by KURITA-GK CHEMICAL CO.,LTD.  
 Certified Laboratory No. 7-022

Report results refer to submitted sample(s) only

Manager:

Sale representative:





## ภาคผนวก 77

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บันทึกปริมาณจราจรที่เข้า-ออกพื้นที่โครงการ



## สรุปยอด เดือน ม.ค.67

วันที่	มอไซค์	รถเก๋ง	กระบะ	รถ SUV	รถตู้	บ้านทุก4ล้อ	บ้านทุก6ล้อ	บ้านทุก10ล้อ	เกิน10 ล้อ	รถยก
1		3	4	1	4					
2	5	5	5	3	10					
3	5	8	8	4	11					
4	4	8	5	2	9			1		
5	4	11	6	8	11					
6	3	4			7					
7	4	2		1	6					
8	8	9	13	5	10					
9	7	5	8	4	10					
10	6	9	9	2	11					
11	6	5	5	3	7					
12	7	10	4	6	10			2		
13	2	4	1	1	6					
14	2	3	2	6						
15	6	9	5	5	13					
16	5	9	5		15					
17	4	8	7	1	10			1		
18	4	7	5	1	12					
19	4	4	5	5	12					
20	2	4	1	1	6					
21	2	4	2	1	9					
22	4	10	5	5	9			1		
23	5	9	4	2	8					
24	3	9	7	3	7					
25	3	5	6	4	8					
26	3	7	7	5	11			1		
27	2	3	1	2	5					
28	1	3	1	1	6					
29	3	9	8	6	9			1		
30	6	8	1	1	13					
31	5	8	4	2	11					
รวม	125	202	144	91	276	0	0	7		



สรุปยอด เดือน ก.พ.67

วันที่	มอเตอร์	รถเก๋ง	กระบะ	รถ SUV	รถตู้	บ้านทุก4ล้อ	บ้านทุก6ล้อ	บ้านทุก10ล้อ	เกิน10 ล้อ	รถยก
1	4	8	6	4	8					
2	5	12	4	3	10					
3	3	7	2	2	8					
4	1	4	5	1	12					
5	3	8	9	2	11					
6	4	9	7	1	11					
7	4	12	10	2	11					
8	2	16	9	3	11			1		
9	1	8	8	2	10					
10	1	6	1	4	5					
11	1	5	4	1	10					
12	3	9	10	1	11					
13	4	8	8	1	13					
14	3	8	14	2	11					
15	5	6	1	12			4			
16	5	8	6	4	9		1			
17	2	3	3	3	5					
18	2	5		2	5					
19	4	9	5	3	9					
20	3	8	10	1	12					
21	5	7	13	1	13					
22	3	7	6	2	14					
23	5	11	12	1	12					
24		1	4		7					
25		2	4		8					
26		4	1	1	7					
27	3	10	6	4	11					
28	3	12	8		13					
29	3	9	4	1	12			1		
รวม	82	222	180	64	279	0	5	2		



## สรุปยอด เดือน มี.ค.67

วันที่	มอไซค์	รถเก๋ง	กระบะ	รถ SUV	รถตู้	บ้านทุก4ล้อ	บ้านทุก6ล้อ	บ้านทุก10ล้อ	เกิน10 ล้อ	รถยก
1	6	7	6	3	13					
2	1	5	1	1	7					
3	7	1	3	7						
4	3	11	6	2	12					
5	3	11	3	1	10					
6	4	13	7	2	11		2			
7	3	10	5	2	10					
8	6	11	5	3		1	2			
9	2	6	1	1	6					
10	5		1	6						
11	4	14	2	4	11					
12	2	8	6	2	12					
13	3	8	14	2	8					
14	3	7	4	2	8					
15	3	8	4	4	8					
16		3	3	1	6					
17	3	4	1	1	5					
18	6	10	4	3	10			1		
19	3	8	7	3	9					
20	4	8	9	1	10					
21	3	9	4	2	110					
22	5	10	5	4	8					
23	1	2	2	1	4					
24	2	2			3					
25	7	8	3	2	11			2		
26	6	7	6	2	6					
27	4	8	5	4	8					
28	4	9	6	2	6					
29	4	8	3	3	6					
	1	5	2		5					
	2	5	1		5					
รวม	110	226	129	71	328	1	4	3		



## สรุปยอด เดือน เม.ย.67

วันที่	มอเตอร์	รถเก๋ง	กระบะ	รถ SUV	รถตู้	บ้านทุก4ล้อ	บ้านทุก6ล้อ	บ้านทุก10ล้อ	เกิน10 ล้อ	รถยก
1		4	7	6	2	10				
2		3	9	8	2	7		1		
3		4	10	5	2	9				
4		3	8	3	3	10				
5		6	7	7	5	8			1	
6		3	7	3	5	7				
7		3	3	4	5	6				
8		3	3	1	1	6				
9		5	7	7	1	11				
10		4	7	10	2	10			2	
11		3	6	7	2	8				
12		2	7	2	4	10				
13		2			7					
14		3		1	5					
15		1	3	1		4				
16		5			7					
17		3	3	4	1	6				
18		4	6	2	2	11			1	
19		1	7	2	5	10				
20		1	5	1	3	4				
21		1	4	1	2	5				
22		3	8	7	3	10				
23		3	7	6	5	9				
24		3	6	10	5	9				
25		4	3	6	7	11				
26		4	12	5	9					
27		2	3	1		5				
28		2	5	1		4				
29		5	7	8	3	10		1		
30		5	8	4	5	12				
รวม	0	95	168	123	103	212	0	2		รายเดือน 703



## สรุปยอด เดือน พ.ค.67

วันที่	มอไซค์	รถเก๋ง	กระบะ	รถ SUV	รถตู้	บ้านทุก4ล้อ	บ้านทุก6ล้อ	บ้านทุก10ล้อ	เกิน10 ล้อ	รถยก
1		3	4	1	8					
2		3	5	4	2	10				
3		4	6	3	3	8				
4		2	4	4	2	6				
5		4	4	2	1	8				
6		2	4	1	3	5				
7		2	10	5	4	10			2	
8		3	11	9	4	11				
9		3	6	4	2	1			1	
10		2	9	5	5	9				
11		1	4			5				
12		3			5					
13		3	6	6	4	8				
14		3	7	4	5	10				
15		2	6	12	3	8				
16		2	5	5	7	10				
17		4	12	6	8	13				
18		2	3	3	3	6				
19		3	2	3	6					
20		5	9	7	3	10			1	
21		5	6	8	2	8				
22		4	7	1	5					
23		5	7	5	3	9				
24		2	5		3	5				
25		2	3	1	3	5				
26		1	3	1		4				
27		4	8	6	3	9				
28		4	6	7	3	11				
29		3	9	9	4	10				
30		4	8	5	5	13		1	1	
		4	7	5	5	7				
รวม	0	94	186	132	114	219	0	1		



## สรุปยอด เดือน มิ.ย.67

วันที่	มอเตอร์	รถเก๋ง	กระบะ	รถ SUV	รถตู้	บ้านทุก4ล้อ	บ้านทุก6ล้อ	บ้านทุก10ล้อ	เกิน10 ล้อ	รถยก
1	3	7	8		7					
2	5	13	13	18		7			1	
3	3	11	10		7			1		1
4	1	8	6	1	10					
5	2	9	13	1	7					
6	4	13	17	2	10					
7	5	16	21	2	7		1			
8	4	9	14	2	7					
9	6	13	4			1				
10	2	2	4		8					
11	1	4	3	1	6					
12	5	10	11	1	9					
13	3	12	8	2	7					
14	7	7	11	1	6					
15	6	8	6	2	8			1		
16	3	12	11	5	9					
17	1	3	3	1	6					
18		3	2		5					
19	7	15	15	2	10			1		
20	5	6	11	1	11		1	1		
21	6	10	11	2	13					
22	6	9	8	2	7					
23	7	8	10	3	9			1		
24	4	5	1		5					
25	3	4	1	1	9					
26	7	11	8	1	9			1		
27	4	5	7	2	8			1		
28	6	8	10	2	8					
29	4	7	11	3	8			1		
30	7	8	11	4	12					
	127	256	269	62	228					
										รายเดือน
										942



ภาคผนวก 78

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บันทึกปริมาณขยะทั่วไป





รายงานขยะทั่วไปของโรงไฟฟ้าคลองหลวง

ประจำเดือน พฤษภาคม ๒๕๖๓

อาคาร CCB ชั้น 1,2,3 ที่ทำการ Admin

ประเภทของเสีย	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	รวม (กิโลกรัม)
ขยะเปียก ขยะอินทรีย์	1	๑	๑	1	1.5	1	1	๑	๑	1	1	๑	1	1	1	๑	๑	๑	๑	1	1	3	๑	1	๑	๑	๑	1	1	๑	1	47.5
ขยะแห้ง ขยะทั่วไป	.5	1	๑	๑	1	.5	.5	1	1.5	1	๑	๑	1	1	๑	3	1	๑	1.5	1	.5	๑	1	๑	1	๑	1	1	๑	3	1	49.5
ขยะ Recycle							3								๑										4				3		1๑	

อาคาร Demin Plant และ อาคาร รปภ.

ขยะเปียก ขยะอินทรีย์	1	1	1	1	1	1	1	1	.5	.5	1	.5	1	1	.5	1	1	1.5	1	.5	1	1	1	1	1	1.5	1	1	๑	1	1	31
ขยะแห้ง ขยะทั่วไป	1	1	1	1	๑	1	1.5	๑	1	.5	1	.5	1	1	1	1	1	1	1	1.5	1	1	๑	1	๑	1	๑	1	1	1.5	.5	35
ขยะ Recycle								๑									4									4				๑		1๑
รวมน้ำหนักทั้งหมด 1๕๑.5																																

ขยะอินทรีย์	จำนวน ๒๕.๕ กิโลกรัม
ขยะทั่วไป	จำนวน ๑4.5 กิโลกรัม
ขยะรีไซเคิล	จำนวน ๑1 กิโลกรัม

ผู้บันทึก.....  
ผู้รายงาน.....

หมายเหตุ: เทศบาลเมืองคลองหลวงมาจัดเก็บ





# รายงานขยะทั่วไปของโรงไฟฟ้าคลองหลวง

ประจำเดือน มิ.ย. ๒๕๖๓

อาคาร CCB ชั้น 1,2,3 ที่ทำการ Admin

ประเภทของเสีย	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	รวม (กก.)
ขยะเปียก	1	2	1	1.5	2	2	2	1.5	1	1.5	1	2	2.5	1	1	1	1.5	1	1	2	1.5	2	1	1	1	2	2	2	1			39
ขยะแห้ง	2	3	2	1	3	3	2.5	2	2	1	1	1.5	2	2	2	1.5	1	1	2	2	2	3	2	2	2.5	3	3	2				59
ขยะ Recycle										4									3								5					12

อาคาร Demin Plant และ อาคาร รปภ.

ขยะเปียก	1	1	1	1.5	1	1	1	1	1	1.5	1	1	1	1	1	1	1.5	1	1	1.5	1	1	1	1	1	1	1	1	1	1		25.5
ขยะอินทรีย์	2	1.5	1	1	1	1	1	2	1.5	1	1	2	1	1	1.5	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1		36.5
ขยะ Recycle										3								2								4						9
รวมน้ำหนักทั้งหมด 121 (กิโลกรัม)																																

จำนวน 64.5 กิโลกรัม

จำนวน 95.5 กิโลกรัม

จำนวน 21 กิโลกรัม

ผู้บันทึก.....  
ผู้รายงาน.....

หมายเหตุ: เทศบาลเมืองคลองหลวงมาจัดเก็บ





# รายงานขยะทั่วไปของโรงไฟฟ้าคลองหลวง

ประจำเดือน ..... สิงหาคม ๖๖.....

## อาคาร CCB ชั้น 1,2,3 ที่ทำการ Admin

ประเภทของเสีย	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	รวม (กก.)
ขยะเปียก ขยะอินทรีย์	3	1	1	1	3	5	1	3	1	1	2	2	3	2	4	1	1.5	3	5	2	2	1	1	1	1	1	1	3	2	1	1	70.5
ขยะแห้ง ขยะทั่วไป	1	2	1	5	2	1	3	5	2	2	2	3	1	2	3	1	2	1	1	1	1	6	1.5	1	3	2	1	1	3	1.5	1	82
ขยะ Recycle							4							3							6									9		92

## อาคาร Demin Plant และ อาคาร รปภ.

ขยะเปียก ขยะอินทรีย์	1	1	1	1	1	3	1	1.5	1	1	1	1	1.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
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จำนวน.....100.....กิโลกรัม

จำนวน.....126.....กิโลกรัม

จำนวน.....32.....กิโลกรัม

ผู้บันทึก.....

ผู้รายงาน.....

หมายเหตุ: เทศบาลเมืองคลองหลวงมาจัดเก็บ





ประจำเดือน ..... 2567

ประเภทของเสีย	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	รวม (กก.)
ขยะเปียก ขยะอินทรีย์	2	2	3	1	2	1	5	5	2	7	4	3	5	5	5	1	1	3	2	1	1	3	2	2	3	2	1	1	2	2	31	56.5
ขยะแห้ง ขยะทั่วไป	3	3	1	2	3	2	1	1	2	9	6	4	1	1	1	2	1	4	3	1	1	4	3	3	4	2	1	1	3	2	2	78
ขยะ Recycle								5									4					3							6		18	

[illegible]

จำนวน.....๕๐.....ก็โลกรับ

ผู้รายงาน.

หมายเหตุ: เทศบาลเมืองคลองหลวงมาจัดเก็บ





## รายงานขยะทั่วไปของโรงไฟฟ้าคลองหลวง

ประจำเดือน พฤษภาคม ๐๗

### อาคาร CCB ชั้น 1,2,3 ที่ทำการ Admin

ประเภทของเสีย	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	รวม (กก.)	
ขยะเปียก ขยะอินทรีย์	1	2	3	1	1	1	4	4	3	2	5	5	4	5	3	4	2	1	1	2	2	3	2	4	1	1	1	2	3	5	3	3	๗1
ขยะแห้ง ขยะทั่วไป	1	3	4	1	1	1	5	4	4	3	1	1	5	3	3	4	3	1	1	3	2	4	3	3	1	1	3	2	4	2	4	81	
ขยะ Recycle						4						6							๗							4			4			25	

### อาคาร Demin Plant และ อาคาร รปภ.

ขยะเปียก ขยะอินทรีย์	1	1	5	5	1	2	1	1	2	2	1	1	1	1	2	2	1	1	5	5	2	1	1	1	1	5	5	1	2	2	1	2	36.5	
ขยะแห้ง ขยะทั่วไป	2	2	1	1	2	1	1	5	1	2	5	1	1	2	3	2	1	1	1	1	1	1	5	2	1	1	1	5	1	5	1	3	46.5	
ขยะ Recycle							3													5							5			1		18.		
รวมน้ำหนักทั้งหมด (กิโลกรัม)																																	281	281.

จำนวน.....11๐.5.....กิโลกรัม

จำนวน.....127.5.....กิโลกรัม

จำนวน.....43.....กิโลกรัม

ผู้บันทึก.....

ผู้รายงาน.....

หมายเหตุ: เทศบาลเมืองคลองหลวงมาจัดเก็บ





# รายงานขยะทั่วไปของโรงไฟฟ้าคลองหลวง

ประจำเดือน สิงหาคม 67

อาคาร CCB ชั้น 1,2,3 ที่ทำการ Admin

ประเภทของเสีย	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	รวม (กก.)
ขยะเปียก ขยะอันตราย	1	1	1	3	4	3	2	1	1	3	3	2	4	4	1	1	2	2	1.5	3	2	1	1	4	3	1	2	3	1	1	62.5
ขยะแห้ง ขยะทั่วไป	1.5	1	1	4	3.5	2	3	1	1.5	2.5	3	3	3.5	3	1	1	2	2.5	2	3.5	2	1	1	4	3.5	1	2	2.5	1	1	64.5
ขยะ Recycle						4										5							4							3	16

อาคาร Demin Plant และ อาคาร รปภ.

ขยะเปียก ขยะอันตราย	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
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จำนวน 71 กิโลกรัม  
จำนวน 102.5 กิโลกรัม  
จำนวน 23 กิโลกรัม

ผู้บันทึก...  
ผู้รายงาน...

หมายเหตุ: เทศบาลเมืองคลองหลวงมาจัดเก็บ