

ภาคผนวก ค

ผลการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม

ภาคผนวก ค-1

คุณภาพอากาศจากแหล่งกำเนิด



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
P/O : 4514154988
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2354104
Date Received : May 16, 2023
Date Reported : May 23, 2023
Report Number: 2650207-1

Page 1 of 2

Sample Number	2354104-1
Sampled Date	May 16, 2023
Sample Description	Emission from Stationary Source
Location	Furnace 1 (GPS 47P 0734130, 1404515)
Date Analysis Commenced	May 17, 2023
Condition of Sample	Extracted into three 2-L collection flasks and one 10-L air sampling bag

Stack Description									
Ambient Pressure	757	mmHg	Diameter	1.40	m	Oxygen	8.0	%	
Ambient Temperature	36.0	°C	Shape	Circle		Carbon Dioxide	7.3	%	
Type of Process	Combustion		Stack Temperature	190	°C	Gas Velocity	6.2	m/s	
Type of Fuel	Natural Gas		Moisture	14.04	%	Flow Rate (Actual O2)	18810	Nm ³ /hr	

Analyte	Sampled Time	Unit	LOQ (LOR)	Result at 7% O ₂ at 8.0 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing Carbon Monoxide	11:15 AM - 11:25 AM	ppm	-	1.0	27.0	25.06	690	United States Environmental Protection Agency, EPA Method 10
	11:15 AM - 11:25 AM	ppm	-	1.06	8.55	7.93	200	25 United States Environmental Protection Agency, EPA Method 7

Guideline :
Guideline
1). Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)
2). Emission Air Standard according to EIA study of SPE-PE Plant, Approval Letter No. Tor Sor 1009/9/2341 dated Mar 5, B.E.2557.

Technical Management *Thanitak.*

Thanita Kulsurinwong
Scientist (4)
โทรศัพท์ ๖-323-๙-9447

Approved by *Dhanu.*

Dej Changchon
Senior Manager
โทรศัพท์ ๖-323-๙-9442

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
P/O : 4514154988
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2354104
Date Received : May 16, 2023
Date Reported : May 23, 2023
Report Number: 2650207-1

Page 2 of 2

Sample Number	2354104-1
Sampled Date	May 16, 2023
Sample Description	Emission from Stationary Source
Location	Furnace 1 (GPS 47P 0734130, 1404515)
Date Analysis Commenced	May 17, 2023
Condition of Sample	Extracted into three 2-L collection flasks and one 10-L air sampling bag

Stack Description									
Ambient Pressure	757	mmHg	Diameter	1.40	m	Oxygen	8.0	%	
Ambient Temperature	36.0	°C	Shape	Circle		Carbon Dioxide	7.3	%	
Type of Process	Combustion		Stack Temperature	190	°C	Gas Velocity	6.2	m/s	
Type of Fuel	Natural Gas		Moisture	14.04	%	Flow Rate (Actual O2)	18810	Nm ³ /hr	

Analyte	Sampled Time	Unit	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing Carbon Monoxide	11:15 AM - 11:25 AM	g/s	-	0.150	-	-	Calculated	Rayong
	11:15 AM - 11:25 AM	g/s	-	0.078	-	0.390	Calculated	Rayong

Guideline :
Guideline
1). Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)
2). Emission Air Standard according to EIA study of SPE-PE Plant, Approval Letter No. Tor Sor 1009/9/2341 dated Mar 5, B.E.2557.

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Approved by *Dhanu.*

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2354104
Date Received : May 16, 2023
Date Reported : May 23, 2023
Report Number: 2650207-2

Page 1 of 1

Sample Number	2354104-1
Sampled Date	May 16, 2023
Sample Description	Emission from Stationary Source
Location	Furnace 1 (GPS 47P 0734130, 1404515)
Date Analysis Commenced	May 17, 2023
Condition of Sample	Extracted into three 2-L collection flasks and one 10-L air sampling bag

		Stack Description					
Ambient Pressure	757	mmHg	Diameter	1.40	m	Oxygen	8.0 %
Ambient Temperature	36.0	°C	Shape	Circle		Carbon Dioxide	7.3 %
Type of Process	Combustion		Stack Temperature	190	°C	Gas Velocity	6.2 m/s
Type of Fuel	Natural Gas		Moisture	14.04	%	Flow Rate (Actual O2)	18810 Nm ³ /hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂	Method	Testing Location
Air Testing							
	Methane as Propane	11:15 AM - 11:25 AM	ppm	-	0.4	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong
	Non-Methane Hydrocarbon as Propane	11:15 AM - 11:25 AM	ppm	-	0.4	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong
	Total Hydrocarbon as Propane	11:15 AM - 11:25 AM	ppm	-	0.4	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong

Sampled By : Warawut Pupa

Remark :

- LOD : Limit of Detection
- %C* : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Thanitak.

Approved by

Thanita Kulsuriwong
Scientist (4)

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4899-1221 EMAIL

S-Report_Air Stack_MGL-rt (11:36AM)



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321073
Date Received : May 15, 2023
Date Reported : May 23, 2023
Report Number: 2576931-1

Page 1 of 1

Sample Number	2321073-1
Sampled Date	May 15, 2023
Sample Description	Emission from Stationary Source
Location	Spin Dryer 1 (GPS 47P 0733967, 1404426)
Date Analysis Commenced	May 16, 2023
Condition of Sample	Extracted into two 10-L air sampling bags

		Stack Description					
Ambient Pressure	756	mmHg	Diameter	0.63 x 0.63	m	Oxygen	20.9 %
Ambient Temperature	35.0	°C	Shape	Square		Carbon Dioxide	0.0 %
Type of Process	Process		Stack Temperature	43.0	°C	Gas Velocity	7.3 m/s
Type of Fuel	-		Moisture	2.50	%	Flow Rate (Actual O2)	9534 Nm ³ /hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Testing Location
Air Testing								
	Carbon Monoxide	11:45 AM - 12:05 PM	ppm	-	1.0	<1.0	870	United States Environmental Protection Agency, EPA Method 10

Guideline : Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2005 (B.E. 2549)

Sampled By : Suddamrong Chokpitikan

Remark :

- LOD : Limit of Detection
- %C* : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Thanitak.

Technical Management

Thanita Kulsuriwong
Scientist (4)

โทรศัพท์ 3-323-9-9447

Approved by

Dej Changchon
Senior Manager

โทรศัพท์ 3-323-9-9442

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S-Report_Air Stack_GL-rt (1:19PM)



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321073
Date Received : May 15, 2023
Date Reported : May 23, 2023
Report Number: 2576931-2

Page 1 of 1

Sample Number	2321073-1
Sampled Date	May 15, 2023
Sample Description	Emission from Stationary Source
Location	Spin Dryer 1 (GPS 47P 0733967, 1404426)
Date Analysis Commenced	May 16, 2023
Condition of Sample	Extracted into two 10-L air sampling bags

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location	Stack Description	
Ambient Pressure	756	mmHg	Diameter	0.63 x 0.63	m	Oxygen	20.9	%	
Ambient Temperature	35.0	°C	Shape	Square		Carbon Dioxide	0.0	%	
Type of Process	Process		Stack Temperature	43.0	°C	Gas Velocity	7.3	m/s	
Type of Fuel	-		Moisture	2.50	%	Flow Rate (Actual O2)	9534	Nm3/hr	

Air Testing	Carbon dioxide	11:45 AM - 12:05 PM	ppm	-	1.0	617	United States Environmental Protection Agency, EPA Method 3	Rayong
Methane as Propane		11:45 AM - 12:05 PM	ppm	-	0.4	0.9	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong
Non-Methane Hydrocarbon as Propane		11:45 AM - 12:05 PM	ppm	-	0.4	14.2	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong
Total Hydrocarbon as Propane		11:45 AM - 12:05 PM	ppm	-	0.4	15.1	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong

Sampled By : Sutdamrong Chokpitinan

Remark :

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

Thanitak.

Approved by

Thanita Kulsuriwong
Scientist (4)

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S:\Report\Air Stack_MGL.rpt (1:20PM)



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321068
Date Received : May 15, 2023
Date Reported : May 23, 2023
Report Number: 2576924-1

Page 1 of 1

Sample Number	2321068-1
Sampled Date	May 15, 2023
Sample Description	Emission from Stationary Source
Location	Hold Up Hopper 1 (GPS 47P 0733995, 1404455)
Date Analysis Commenced	May 16, 2023
Condition of Sample	Extracted into two 10-L air sampling bags

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Testing Location
Stack Description								
Ambient Pressure	756	mmHg	Diameter	0.25	m	Oxygen	20.9	%
Ambient Temperature	35.0	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process			Stack Temperature	47.0	°C	Gas Velocity	3.6	m/s
Type of Fuel			Moisture	3.16	%	Flow Rate (Actual O2)	569	Nm3/hr

Air Testing	Carbon Monoxide	11:20 AM - 11:40 AM	ppm	-	1.0	<1.0	870	United States Environmental Protection Agency, EPA Method 10
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Guideline : Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2005 (B.E. 2549)

Sampled By : Sutdamrong Chokpitinan

Remark :

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

Thanitak.

Technical Management

Thanita Kulsuriwong
Scientist (4)

โทรศัพท์ 3-323-9-9447

Approved by

Dej Changchon
Senior Manager

โทรศัพท์ 3-323-9-9442

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321068
Date Received : May 15, 2023
Date Reported : May 23, 2023
Report Number: 2576924-2

Page 1 of 1

Sample Number	2321068-1
Sampled Date	May 15, 2023
Sample Description	Emission from Stationary Source
Location	Hold Up Hopper 1 (GPS 47P 0733955, 1404455)
Date Analysis Commenced	May 16, 2023
Condition of Sample	Extracted into two 10-L air sampling bags

		Stack Description					
Ambient Pressure	756	mmHg	Diameter	0.25	m	Oxygen	20.9 %
Ambient Temperature	35.0	°C	Shape	Circle		Carbon Dioxide	0.0 %
Type of Process			Stack Temperature	47.0	°C	Gas Velocity	3.6 m/s
Type of Fuel	-		Moisture	3.16	%	Flow Rate (Actual O2)	569 Nm ³ /hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Air Testing							
Carbon dioxide	11:20 AM - 11:40 AM	ppm	-	1.0	937	United States Environmental Protection Agency, EPA Method 3	Rayong
Methane as Propane	11:20 AM - 11:40 AM	ppm	-	0.4	<0.4	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong
Non-Methane Hydrocarbon as Propane	11:20 AM - 11:40 AM	ppm	-	0.4	349	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong
Total Hydrocarbon as Propane	11:20 AM - 11:40 AM	ppm	-	0.4	349	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong

Sampled By : Suddamrong Chokpitinan

Remark :

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

Thanitak.

Approved by

Thanita Kulsuriwong
Scientist (4)

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S:\Report\Air Stack_MGL.rpt (: 15PM)



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321072
Date Received : May 15, 2023
Date Reported : May 23, 2023
Report Number: 2576929-1

Page 1 of 1

Sample Number	2321072-1
Sampled Date	May 15, 2023
Sample Description	Emission from Stationary Source
Location	Blenders 1(GPS 47P 0733884, 1404492)
Date Analysis Commenced	May 16, 2023
Condition of Sample	Extracted into two 10-L air sampling bags

		Stack Description					
Ambient Pressure	756	mmHg	Diameter	0.60	m	Oxygen	20.9 %
Ambient Temperature	35.0	°C	Shape	Circle		Carbon Dioxide	0.0 %
Type of Process			Stack Temperature	46.0	°C	Gas Velocity	1.2 m/s
Type of Fuel	-		Moisture	2.72	%	Flow Rate (Actual O2)	1105 Nm ³ /hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Testing Location
Air Testing								
Carbon Monoxide	10:30 AM - 10:50 AM	ppm	-	1.0	<1.0	870	United States Environmental Protection Agency, EPA Method 10	Rayong

Guideline : Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2005 (B.E. 2549)

Sampled By : Suddamrong Chokpitinan

Remark :

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

Thanitak.

Technical Management

Thanita Kulsuriwong
Scientist (4)

โทรศัพท์ 3-323-9-9447

Approved by

Dej Changchon
Senior Manager

โทรศัพท์ 3-323-9-9442

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4899-1221 EMAIL

S:\Report\Air Stack_GL.rpt (9:13AM)



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321072
Date Received : May 15, 2023
Date Reported : May 23, 2023
Report Number: 2576929-2

Page 1 of 1

Sample Number 2321072-1
Sampled Date May 15, 2023
Sample Description Emission from Stationary Source
Location Blenders 1(GPS 47P 0733984, 1404492)
Date Analysis Commenced May 16, 2023
Condition of Sample Extracted into two 10-L air sampling bags

Stack Description									
Ambient Pressure	756	mmHg	Diameter	0.60	m	Oxygen	20.9	%	
Ambient Temperature	35.0	°C	Shape	Circle		Carbon Dioxide	0.0	%	
Type of Process	-		Stack Temperature	46.0	°C	Gas Velocity	1.2	m/s	
Type of Fuel	-		Moisture	2.72	%	Flow Rate (Actual O2)	1105	Nm3/hr	
Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location		

Air Testing Carbon dioxide	10:30 AM - 10:50 AM	ppm	-	1.0	252	United States Environmental Protection Agency, EPA Method 3	Rayong		
	10:30 AM - 10:50 AM	ppm	-	0.4	<0.4	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong		
	10:30 AM - 10:50 AM	ppm	-	0.4	158	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong		
	10:30 AM - 10:50 AM	ppm	-	0.4	158	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong		
	10:30 AM - 10:50 AM	ppm	-	0.4	158	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong		

Sampled By : Sutdamrong Chokpitman

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

Thanitak.

Approved by

Thanita Kulsiurwong
Scientist (4)

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4989-122/ EMAIL

S:\Report\Air Stack_MGL.pr (8:14AM)



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2354105
Date Received : May 16, 2023
Date Reported : May 23, 2023
Report Number: 2650209-1

Page 1 of 2

Sample Number 2354105-1
Sampled Date May 16, 2023
Sample Description Emission from Stationary Source
Location Furnace 2 (GPS 47P 0734143, 1404493)
Date Analysis Commenced May 17, 2023
Condition of Sample Extracted into three 2-L collection flasks and one 10-L air sampling bag

Stack Description									
Ambient Pressure	757	mmHg	Diameter	1.53	m	Oxygen	7.7	%	
Ambient Temperature	36.0	°C	Shape	Circle		Carbon Dioxide	7.5	%	
Type of Process	Combustion		Stack Temperature	180	°C	Gas Velocity	4.5	m/s	
Type of Fuel	Natural Gas		Moisture	12.82	%	Flow Rate (Actual O2)	17031	Nm3/hr	
Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location

Air Testing Carbon Monoxide	11:25 AM - 11:35 AM	ppm	-	1.0	345	327.63	690	United States Environmental Protection Agency, EPA Method 10	Rayong
	11:20 AM - 11:35 AM	ppm	-	1.06	12.1	11.49	200	25	Rayong

Guideline :

- Guideline
1). Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)
2). Emission Air Standard according to EIA study of SPE-PE Plant, Approval Letter No. Tor Sor 1009/9/2341 dated Mar 5, B.E.2557.

Thanitak.

Technical Management

Thanita Kulsiurwong
Scientist (4)

โทรศัพท์ ๖-๓๒3-๙-๙๔๔๗

Approved by

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Senior Manager

โทรศัพท์ ๖-๓๒3-๙-๙๔๔๒

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4989-122/ EMAIL

S:\Report\Air Stack_O2_SGL.pr (1:31PM)



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2354105
Date Received : May 16, 2023
Date Reported : May 23, 2023
Report Number: 2650209-1

Page 2 of 2

Sample Number	2354105-1
Sampled Date	May 16, 2023
Sample Description	Emission from Stationary Source
Location	Furnace 2 (GPS 47P 0734143, 1404493)
Date Analysis Commenced	May 17, 2023
Condition of Sample	Extracted into three 2-L collection flasks and one 10-L air sampling bag

Stack Description		Stack Description		Stack Description	
Ambient Pressure	757	mmHg	Diameter	1.53	m
Ambient Temperature	36.0	°C	Shape	Circle	
Type of Process	Combustion		Stack Temperature	180	°C
Type of Fuel	Natural Gas		Moisture	12.82	%
			Flow Rate (Actual O2)		%
			Flow Rate (Actual O2)		Nm3/hr

Analyte	Sampled Time	Unit	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing	11:25 AM - 11:35 AM	g/s	-	1.778	-	-	Calculated	Rayong
	11:20 AM - 11:35 AM	g/s	-	0.102	-	0.429	Calculated	Rayong

Guideline :

- Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)
- Emission Air Standard according to EIA study of SPE-PE Plant, Approval Letter No. Tor Sor 1009.9/2341 dated Mar 5, B.E.2557.

Sampled By : Sutdamrong Chokpitthan

Remark :

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

Technical Management

Thanitak.

Thanita Kulsriwong
Scientist (4)
วศินธนาพร 7-323-9-9447

Approved by

D. J. J.

Dej Changchon
Senior Manager
วศินธนาพร 7-323-9-9442

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S:\Reports_Air Stack_02_20L.pdf (1:31PM)



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2354105
Date Received : May 16, 2023
Date Reported : May 23, 2023
Report Number: 2650209-2

Page 1 of 1

Sample Number	2354105-1
Sampled Date	May 16, 2023
Sample Description	Emission from Stationary Source
Location	Furnace 2 (GPS 47P 0734143, 1404493)
Date Analysis Commenced	May 17, 2023
Condition of Sample	Extracted into three 2-L collection flasks and one 10-L air sampling bag

Stack Description		Stack Description		Stack Description	
Ambient Pressure	757	mmHg	Diameter	1.53	m
Ambient Temperature	36.0	°C	Shape	Circle	
Type of Process	Combustion		Stack Temperature	180	°C
Type of Fuel	Natural Gas		Moisture	12.82	%
			Flow Rate (Actual O2)		%
			Flow Rate (Actual O2)		Nm3/hr

Analyte	Sampled Time	Unit	LOQ (LOR)	Result	Method	Testing Location
Air Testing	11:25 AM - 11:35 AM	ppm	-	0.4	8.6	Rayong
	11:25 AM - 11:35 AM	ppm	-	0.4	4.6	Rayong

Non-Methane Hydrocarbon as Propane	11:25 AM - 11:35 AM	ppm	-	0.4	4.6	Rayong
Total Hydrocarbon as Propane	11:25 AM - 11:35 AM	ppm	-	0.4	13.2	Rayong

Sampled By : Sutdamrong Chokpitthan

Remark :

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

Approved by

Thanitak.

Thanita Kulsriwong
Scientist (4)

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut DE (SPE)
Lot ID: 2321074
Date Received : May 15, 2023
Date Reported : May 23, 2023
Report Number: 2576932-2

Page 1 of 1

Sample Number	Sampled Date	Sample Description	Location	Date Analysis Commenced	Condition of Sample
2321074-1	May 15, 2023	Emission from Stationary Source	Spin Dryer 2 (GPS 47P 0733732, 1404276)	May 16, 2023	Extracted into two 10-L air-sampling bags

Stack Description									
Analyte	Sampled Time	Unit	LOD	LOQ	Result	Method	Testing		
Ambient Pressure	756	mmHg			Diameter	0.63 x 0.80			
Ambient Temperature	35.0	°C			Shape	Rectangular			
Type of Process	Process				Stack Temperature	48.0			
Type of Fuel	-				Moisture	2.72			
						Oxygen	20.9 %		
						Carbon Dioxide	0.0 %		
						Gas Velocity	7.5 m/s		
						Flow Rate (Actual O2)	12263 Nm3/hr		

Air Testing	(LOR)	Location
Carbon dioxide	11:50 AM - 12:00 PM ppm	283 United States Environmental Rayong

Method	Time	Total Hydrocarbon	Dioxin
Method 3			
Method 3	11:00 AM - 12:00 PM	0.4	0.6

Methane as Propane	11:50 AM - 12:00 PM	ppm	-	0.4	0.9	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong
--------------------	---------------------	-----	---	-----	-----	--	--------

Non-Methane Hydrocarbon as Propane	11:50 AM - 12:00 PM	ppm	0.4	10.9	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong

Sampled By : Warawut Pubba

Remark :

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

7.

Dej Changchon
Senior Manager

ทะเบียนเลขที่ 7-323-ด-9442

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S:\Reports\ Air Stack_NGL.mxd (9:17AM)

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
 8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Lot ID: 2321075
 Date Received : May 15, 2023
 Date Reported : May 23, 2023
 Report Number: 2576934-2

Page 1 of 1

Sample Number	Sampled Date	Sample Description	Location	Date Analysis Commenced	Condition of Sample
2321075-1	May 15, 2023	Emission from Stationary Source	Hold Up Hopper 2 (GPS 47P 0734013, 1404453)	May 16, 2023	Extracted into two 10-L air sampling bags

		Stack Description				Testing			
Analyte	Sampled Time	Unit	LOD	LOQ	Result	Method	Testing		
Ambient Pressure	756	mmHg	Diameter	0.20	m	Oxygen	20.9 %		
Ambient Temperature	35.0	°C	Shape	Circle		Carbon Dioxide	0.0 %		
Type of Process	Process		Stack Temperature	43.0	°C	Gas Velocity	6.9 m/s		
Type of Fuel	-		Moisture	2.05	%	Flow Rate (Actual O2)	720 Nm3/hr		

Air Testing		(LOR)	Location
Carbon dioxide	12:20 PM - 12:30 PM	ppm	United States Environmental
		-	Rayong
		1.0	658

	Methanol as Dissolve	Total Hydrocarbon	Dioxin
	17-20 DM - 17-20 DM	n.m.	<0.4
		0.4	

Methane as Propane	12:20 PM - 12:30 PM	ppm	-	0.4	<0.4	Total Hydrocarbon	Rayong
Analyzer Based on TIC							

Parameter	12:20 PM - 12:30 PM	ppm	0.4	162	Rayong
Non-Methane Hydrocarbon as Propane					
Total Hydrocarbon Analyzer, based on US EPA Method 25A					

Sampled By : Warawut Puboa

Remark :

- LOD :: Limit of Detection
- W_{LOQ} :: Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

D. Kumar.

Approved by

Dej Changchon
Senior Manager
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Thanita K.

anita Kulsuriwong
Scientist (4)

Approved by



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Lot ID: 2321076
Date Received : May 15, 2023
Date Reported : May 23, 2023
Report Number: 2576935-1

Page 1 of 1

Sample Number	2321076-1
Sample Date	May 15, 2023
Sample Description	Emission from Stationary Source
Location	Blenders 2 (GPS 47P 0735113, 1405977)
Date Analysis Commenced	May 16, 2023
Condition of Sample	Extracted into two 10-L air sampling bags

Stack Description						
Ambient Pressure	756	mmHg	Diameter	0.30	m	Oxygen %
Ambient Temperature	35.0	°C	Shape	Circle		Carbon Dioxide %
Type of Process	Process		Stack Temperature	35.0	°C	Gas Velocity m/s
Type of Fuel	-		Moisture	2.05	%	Flow Rate (Actual O2) Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Testing Location
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Air Testing								
Carbon Monoxide	11:20 AM - 11:30 AM	ppm	-	1.0	<1.0	870	United States Environmental Protection Agency, EPA Method 10	Rayong

Guideline : Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Sampled By : Warawut Pubpa

Remark :

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

Technical Management

Thanita Kulsuriwong
Scientist (4)
วณิชิตา กุลสุริยวงศ์ 3-323-4-9447

Approved by

Dej Changchon
Senior Manager
เดจ ช้างชน 3-323-4-9442

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Lot ID: 2321076
Date Received : May 15, 2023
Date Reported : May 23, 2023
Report Number: 2576935-2

Page 1 of 1

Sample Number	2321076-1
Sample Date	May 15, 2023
Sample Description	Emission from Stationary Source
Location	Blenders 2 (GPS 47P 0735113, 1405977)
Date Analysis Commenced	May 16, 2023
Condition of Sample	Extracted into two 10-L air sampling bags

Stack Description						
Ambient Pressure	756	mmHg	Diameter	0.30	m	Oxygen %
Ambient Temperature	35.0	°C	Shape	Circle		Carbon Dioxide %
Type of Process	Process		Stack Temperature	35.0	°C	Gas Velocity m/s
Type of Fuel	-		Moisture	2.05	%	Flow Rate (Actual O2) Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
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Air Testing							
Carbon dioxide	11:20 AM - 11:30 AM	ppm	-	1.0	1074	United States Environmental Protection Agency, EPA Method 3	Rayong
Methane as Propane	11:20 AM - 11:30 AM	ppm	-	0.4	<0.4	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong
Non-Methane Hydrocarbon as Propane	11:20 AM - 11:30 AM	ppm	-	0.4	151	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong
Total Hydrocarbon as Propane	11:20 AM - 11:30 AM	ppm	-	0.4	151	Total Hydrocarbon Analyzer, Based on US EPA Method 25A	Rayong

Sampled By : Warawut Pubpa

Remark :

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

Approved by

Thanita Kulsuriwong
Scientist (4)
วณิชิตา กุลสุริยวงศ์

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ภาคผนวก ค-2

คุณภาพอากาศในบรรยากาศ



Analysis / Test Report

Client: Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321021
Date Received : May 19, 2023
Date Reported : Jun 21, 2023
Report Number: 2691571-1

Page 1 of 1

Sample Description	Air Quality			
	ปริมาณไนโตรเจนไดออกไซด์ในอากาศ (GPS 47P 0735531, 1402769)			
Location	Nitrogen dioxide (ppm)			
Parameter				
Measurement Date	May 10, 2023 - May 14, 2023			
Measurement by	Nantawat Sarin			
Time	2321021-4	2321021-5	2321021-6	2321021-7
	May 10, 2023	May 11, 2023	May 12, 2023	May 13, 2023
11:00 AM - 12:00 PM	0.009	0.004	0.008	0.005
12:00 PM - 01:00 PM	0.009	0.003	0.005	0.004
01:00 PM - 02:00 PM	0.013	0.004	0.006	0.005
02:00 PM - 03:00 PM	0.014	0.011	0.006	0.005
03:00 PM - 04:00 PM	0.011	0.010	0.005	0.005
04:00 PM - 05:00 PM	0.013	0.008	0.004	0.005
05:00 PM - 06:00 PM	0.013	0.009	0.003	0.004
06:00 PM - 07:00 PM	0.015	0.008	0.004	0.005
07:00 PM - 08:00 PM	0.009	0.009	0.006	0.004
08:00 PM - 09:00 PM	0.011	0.012	0.005	0.005
09:00 PM - 10:00 PM	0.009	0.012	0.005	0.004
10:00 PM - 11:00 PM	0.012	0.012	0.005	0.005
11:00 PM - 12:00 AM	0.009	0.011	0.005	0.004
12:00 AM - 01:00 AM	0.007	0.008	0.005	0.004
01:00 AM - 02:00 AM	0.008	0.008	0.004	0.004
02:00 AM - 03:00 AM	0.006	0.007	0.004	0.004
03:00 AM - 04:00 AM	0.006	0.006	0.004	0.008
04:00 AM - 05:00 AM	0.006	0.005	0.004	0.005
05:00 AM - 06:00 AM	0.006	0.004	0.005	0.004
06:00 AM - 07:00 AM	0.005	0.005	0.005	0.004
07:00 AM - 08:00 AM	0.006	0.007	0.008	0.005
08:00 AM - 09:00 AM	0.006	0.008	0.008	0.005
09:00 AM - 10:00 AM	0.005	0.008	0.006	0.006
10:00 AM - 11:00 AM	0.004	0.007	0.006	0.004
Average	0.009	0.008	0.005	0.005
1hr - Maximum	0.015	0.012	0.008	0.008
Standard 1hr - Average	0.170	0.170	0.170	0.170

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

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

Note : This Analysis test report is issued to supersede report No. 2576837-1 Date Reported : May 24, 2023 due to revise analytical information.

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Savanya Chalerthamrong
Scientist (4)

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S Reports_Air SONOx.rpt (8:35AM)



Analysis / Test Report

Client: Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514726081
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2355086
Date Received : May 19, 2023
Date Reported : May 25, 2023
Report Number: 2651528-1

Page 1 of 1

Sample Description	Air Quality			
	ปริมาณไนโตรเจนไดออกไซด์ในอากาศ (GPS 47P 0735531, 1402769)			
Location	Nitrogen dioxide (ppm)			
Parameter				
Measurement Date	May 14, 2023 - May 17, 2023			
Measurement by	Nantawat Sarin			
Time	2355086-1	2355086-2	2355086-3	
	May 14, 2023	May 15, 2023	May 16, 2023	
11:00 AM - 12:00 PM	0.015	0.013	0.011	-
12:00 PM - 01:00 PM	0.013	0.016	0.010	-
01:00 PM - 02:00 PM	0.011	0.012	0.010	-
02:00 PM - 03:00 PM	0.011	0.012	0.013	-
03:00 PM - 04:00 PM	0.011	0.011	0.018	-
04:00 PM - 05:00 PM	0.011	0.011	0.021	-
05:00 PM - 06:00 PM	0.010	0.012	0.017	-
06:00 PM - 07:00 PM	0.011	0.015	0.018	-
07:00 PM - 08:00 PM	0.011	0.016	0.022	-
08:00 PM - 09:00 PM	0.011	0.014	0.023	-
09:00 PM - 10:00 PM	0.010	0.011	0.015	-
10:00 PM - 11:00 PM	0.010	0.010	0.013	-
11:00 PM - 12:00 AM	0.009	0.009	0.012	-
12:00 AM - 01:00 AM	0.009	0.008	0.012	-
01:00 AM - 02:00 AM	0.009	0.008	0.012	-
02:00 AM - 03:00 AM	0.008	0.008	0.013	-
03:00 AM - 04:00 AM	0.009	0.010	0.012	-
04:00 AM - 05:00 AM	0.011	0.011	0.010	-
05:00 AM - 06:00 AM	0.016	0.010	0.011	-
06:00 AM - 07:00 AM	0.012	0.009	0.018	-
07:00 AM - 08:00 AM	0.014	0.010	0.010	-
08:00 AM - 09:00 AM	0.018	0.016	0.027	-
09:00 AM - 10:00 AM	0.021	0.015	0.025	-
10:00 AM - 11:00 AM	0.012	0.012	0.020	-
Average	0.012	0.012	0.016	-
1hr - Maximum	0.021	0.016	0.027	-
Standard 1hr - Average	0.170	0.170	0.170	-

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

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

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Orawan Rakyong
Scientist (3)

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S Reports_Air SONOx.rpt (6:13PM)



Analysis / Test Report

Client: Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321021
Date Received : May 19, 2023
Date Reported : Jun 21, 2023
Report Number: 2691572-1

Page 1 of 1

Sample Description	Air Quality			
	ปริมาณอากาศ (GPS 47P 0735346, 1406705)			
Location	Nitrogen dioxide (ppm)			
Parameter	May 10, 2023 - May 14, 2023			
Measurement Date	Nantawat Sarin			
Measurement by	2321021-11	2321021-12	2321021-13	2321021-14
Time	May 10, 2023	May 11, 2023	May 12, 2023	May 13, 2023
12:00 PM - 01:00 PM	<0.001	<0.001	<0.001	<0.001
01:00 PM - 02:00 PM	<0.001	0.001	<0.001	<0.001
02:00 PM - 03:00 PM	<0.001	0.002	<0.001	0.001
03:00 PM - 04:00 PM	<0.001	0.002	0.001	<0.001
04:00 PM - 05:00 PM	0.002	0.002	<0.001	<0.001
05:00 PM - 06:00 PM	0.002	<0.001	<0.001	<0.001
06:00 PM - 07:00 PM	0.001	0.001	<0.001	<0.001
07:00 PM - 08:00 PM	0.001	0.002	<0.001	<0.001
08:00 PM - 09:00 PM	0.001	0.002	<0.001	<0.001
09:00 PM - 10:00 PM	0.001	0.001	0.001	<0.001
10:00 PM - 11:00 PM	0.002	<0.001	<0.001	<0.001
11:00 PM - 12:00 AM	0.001	0.001	<0.001	<0.001
12:00 AM - 01:00 AM	<0.001	<0.001	<0.001	<0.001
01:00 AM - 02:00 AM	<0.001	<0.001	<0.001	<0.001
02:00 AM - 03:00 AM	<0.001	<0.001	<0.001	<0.001
03:00 AM - 04:00 AM	<0.001	<0.001	<0.001	<0.001
04:00 AM - 05:00 AM	<0.001	<0.001	<0.001	<0.001
05:00 AM - 06:00 AM	<0.001	<0.001	<0.001	<0.001
06:00 AM - 07:00 AM	<0.001	<0.001	<0.001	<0.001
07:00 AM - 08:00 AM	<0.001	<0.001	<0.001	<0.001
08:00 AM - 09:00 AM	<0.001	<0.001	0.001	<0.001
09:00 AM - 10:00 AM	0.001	<0.001	<0.001	<0.001
10:00 AM - 11:00 AM	0.001	<0.001	<0.001	<0.001
11:00 AM - 12:00 PM	<0.001	<0.001	<0.001	<0.001
Average	<0.001	<0.001	<0.001	<0.001
1hr - Maximum	0.002	0.170	0.001	0.001
Standard 1hr - Average	0.170	0.170	0.170	0.170

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

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

Note : This Analysis test report is reissued to supersede report No.2661770-1 Date Reported : May 24, 2023 due to revise analytical information.

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S Reports_Air SONOx.rpt (6:35AM)



Analysis / Test Report

Client: Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514726081
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2355086
Date Received : May 19, 2023
Date Reported : May 25, 2023
Report Number: 2663139-1

Page 1 of 1

Sample Description	Air Quality			
	ปริมาณอากาศ (GPS 47P 0735346, 1406705)			
Location	Nitrogen dioxide (ppm)			
Parameter	May 14, 2023 - May 17, 2023			
Measurement Date	Nantawat Sarin			
Measurement by	2355086-4	2355086-5	2355086-6	
Time	May 14, 2023	May 15, 2023	May 16, 2023	
12:00 PM - 01:00 PM	0.002	0.001	0.001	-
01:00 PM - 02:00 PM	0.001	0.001	0.002	-
02:00 PM - 03:00 PM	<0.001	0.002	0.002	-
03:00 PM - 04:00 PM	<0.001	0.002	0.001	-
04:00 PM - 05:00 PM	<0.001	0.001	0.001	-
05:00 PM - 06:00 PM	<0.001	0.001	0.001	-
06:00 PM - 07:00 PM	<0.001	0.001	0.001	-
07:00 PM - 08:00 PM	<0.001	0.001	0.001	-
08:00 PM - 09:00 PM	<0.001	0.001	0.001	-
09:00 PM - 10:00 PM	<0.001	<0.001	0.001	-
10:00 PM - 11:00 PM	<0.001	<0.001	<0.001	-
11:00 PM - 12:00 AM	<0.001	<0.001	<0.001	-
12:00 AM - 01:00 AM	<0.001	<0.001	<0.001	-
01:00 AM - 02:00 AM	<0.001	<0.001	0.001	-
02:00 AM - 03:00 AM	<0.001	<0.001	0.001	-
03:00 AM - 04:00 AM	<0.001	<0.001	0.001	-
04:00 AM - 05:00 AM	<0.001	<0.001	<0.001	-
05:00 AM - 06:00 AM	<0.001	<0.001	<0.001	-
06:00 AM - 07:00 AM	<0.001	<0.001	0.001	-
07:00 AM - 08:00 AM	<0.001	<0.001	0.001	-
08:00 AM - 09:00 AM	<0.001	<0.001	<0.001	-
09:00 AM - 10:00 AM	<0.001	<0.001	<0.001	-
10:00 AM - 11:00 AM	0.002	<0.001	0.002	-
11:00 AM - 12:00 PM	0.001	0.001	0.003	-
Average	<0.001	<0.001	0.001	-
1hr - Maximum	0.002	0.002	0.003	-
Standard 1hr - Average	0.170	0.170	0.170	-

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

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

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S Reports_Air SONOx.rpt (6:13PM)



Analysis / Test Report

Client: Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154688
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321021
Date Received : May 19, 2023
Date Reported : May 24, 2023
Report Number: 2661772-1

Page 1 of 1

Sample Description	Air Quality	May 10, 2023 - May 17, 2023											
		May 10, 2023	May 11, 2023	May 12, 2023	May 13, 2023	May 14, 2023	May 15, 2023	May 16, 2023	May 17, 2023	May 18, 2023	May 19, 2023	May 20, 2023	May 21, 2023
Location	พื้นที่อุตสาหกรรม (GPS 47P 0735187, 1405873)												
Parameter	Nitrogen dioxide (ppm)												
Measurement Date	May 10, 2023 - May 17, 2023												
Measurement by	Nantawat Sarin												
Time													
01:00 PM - 02:00 PM	0.017	0.018	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
02:00 PM - 03:00 PM	0.015	0.020	0.002	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
03:00 PM - 04:00 PM	0.018	0.015	0.002	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
04:00 PM - 05:00 PM	0.012	0.014	0.002	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
05:00 PM - 06:00 PM	0.010	0.015	0.002	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
06:00 PM - 07:00 PM	0.012	0.014	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
07:00 PM - 08:00 PM	0.028	0.017	<0.001	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
08:00 PM - 09:00 PM	0.021	0.020	<0.001	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
09:00 PM - 10:00 PM	0.014	0.006	<0.001	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
10:00 PM - 11:00 PM	0.011	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
11:00 PM - 12:00 AM	0.010	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
12:00 AM - 01:00 AM	0.009	0.002	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
01:00 AM - 02:00 AM	0.006	0.003	0.010	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
02:00 AM - 03:00 AM	0.010	0.004	0.008	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
03:00 AM - 04:00 AM	0.010	0.004	0.008	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
04:00 AM - 05:00 AM	0.007	0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
05:00 AM - 06:00 AM	0.006	0.008	0.002	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
06:00 AM - 07:00 AM	0.005	0.006	0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
07:00 AM - 08:00 AM	0.007	0.006	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
08:00 AM - 09:00 AM	0.010	0.005	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
09:00 AM - 10:00 AM	0.022	0.005	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
10:00 AM - 11:00 AM	0.020	0.005	0.001	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
11:00 AM - 12:00 PM	0.026	0.006	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
12:00 PM - 01:00 PM	0.026	0.006	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Average	0.014	0.009	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
1hr - Maximum	0.028	0.020	0.010	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170	0.170	0.170	0.170	0.170	0.170	0.170

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

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Analysis / Test Report

Client: Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154688
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321021
Date Received : May 19, 2023
Date Reported : May 24, 2023
Report Number: 2661773-1

Page 1 of 1

Sample Description	Air Quality	May 10, 2023 - May 17, 2023											
		May 10, 2023	May 11, 2023	May 12, 2023	May 13, 2023	May 14, 2023	May 15, 2023	May 16, 2023	May 17, 2023	May 18, 2023	May 19, 2023	May 20, 2023	May 21, 2023
Location	พื้นที่อุตสาหกรรม (GPS 47P 0731794, 1408788)												
Parameter	Nitrogen dioxide (ppm)												
Measurement Date	May 10, 2023 - May 17, 2023												
Measurement by	Nantawat Sarin												
Time													
02:00 PM - 03:00 PM	0.003	0.006	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
03:00 PM - 04:00 PM	0.003	0.012	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
04:00 PM - 05:00 PM	0.002	0.020	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
05:00 PM - 06:00 PM	<0.001	0.012	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
06:00 PM - 07:00 PM	0.008	0.010	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
07:00 PM - 08:00 PM	0.003	0.011	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
08:00 PM - 09:00 PM	0.004	0.008	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
09:00 PM - 10:00 PM	0.005	0.008	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
10:00 PM - 11:00 PM	0.006	0.010	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
11:00 PM - 12:00 AM	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
12:00 AM - 01:00 AM	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
01:00 AM - 02:00 AM	0.011	0.008	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
02:00 AM - 03:00 AM	0.007	0.008	0.006	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
03:00 AM - 04:00 AM	0.005	0.008	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
04:00 AM - 05:00 AM	0.005	0.005	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
05:00 AM - 06:00 AM	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
06:00 AM - 07:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
07:00 AM - 08:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
08:00 AM - 09:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
09:00 AM - 10:00 AM	0.005	0.007	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
10:00 AM - 11:00 AM	0.003	0.010	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
11:00 AM - 12:00 PM	0.007	0.009	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
12:00 PM - 01:00 PM	0.005	0.006	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Average	0.005	0.008	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
1hr - Maximum	0.011	0.020	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170	0.170	0.170	0.170	0.170	0.170	0.170

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

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Analysis / Test Report

Client : Sam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Lot ID : 2321026
Date Received : May 19, 2023
Date Reported : Jun 15, 2023
Report Number : 2576840-1 C1

Page 1 of 2

Sample Number 2321026-1 to 7
Parameter Wind Speed / Wind Direction
Location บ้านท่าเรือ (ท่าเรืออุตสาหกรรมมาบตาพุดภาคตะวันออก) (GPS 47P 0735531, 1402769)
Sampling Date May 10 - May 17, 2023
Sampling by Nantawat Samr

Time	May 10 - May 11, 2023	May 12, 2023	May 13, 2023	May 14, 2023	May 15, 2023	May 16, 2023	May 17, 2023
WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)
11:00 AM - 12:00 PM	0.0	-	0.7	143.0	SE	0.2	-
12:00 PM - 01:00 PM	1.0	197.0	SSW	1.4	71.0	ENE	0.3
01:00 PM - 02:00 PM	1.5	233.0	SW	0.6	194.0	SSW	0.0
02:00 PM - 03:00 PM	1.6	267.0	W	3.0	242.0	WSW	0.3
03:00 PM - 04:00 PM	0.9	213.0	SSW	1.1	235.0	SW	0.0
04:00 PM - 05:00 PM	0.0	-	1.0	259.0	W	0.5	128.0
05:00 PM - 06:00 PM	0.0	-	0.5	247.0	WSW	0.0	-
06:00 PM - 07:00 PM	0.7	136.0	SE	0.9	220.0	SW	0.0
07:00 PM - 08:00 PM	0.7	86.0	E	0.0	-	1.0	121.0
08:00 PM - 09:00 PM	0.0	-	0.3	131.0	SE	0.0	-
09:00 PM - 10:00 PM	0.0	-	0.0	-	0.6	133.0	SE
10:00 PM - 11:00 PM	0.0	-	0.0	-	0.8	230.0	SW
11:00 PM - 12:00 AM	0.8	62.0	ENE	1.0	191.0	S	0.5
12:00 AM - 01:00 AM	0.0	-	0.4	217.0	SW	1.0	181.0
01:00 AM - 02:00 AM	0.0	-	0.0	-	0.0	-	0.0
02:00 AM - 03:00 AM	0.5	90.0	E	0.0	-	0.6	195.0
03:00 AM - 04:00 AM	0.0	-	0.3	186.0	S	1.2	223.0
04:00 AM - 05:00 AM	0.6	54.0	NE	0.0	-	0.4	225.0
05:00 AM - 06:00 AM	0.4	84.0	E	0.3	215.0	SW	1.7
06:00 AM - 07:00 AM	0.0	-	0.1	-	0.5	216.0	SW
07:00 AM - 08:00 AM	0.0	-	1.6	350.0	N	1.0	225.0
08:00 AM - 09:00 AM	0.0	-	0.3	321.0	NW	0.3	208.0
09:00 AM - 10:00 AM	0.3	204.0	SSW	0.0	-	0.8	264.0
10:00 AM - 11:00 AM	1.5	152.0	SSE	0.0	-	1.6	192.0

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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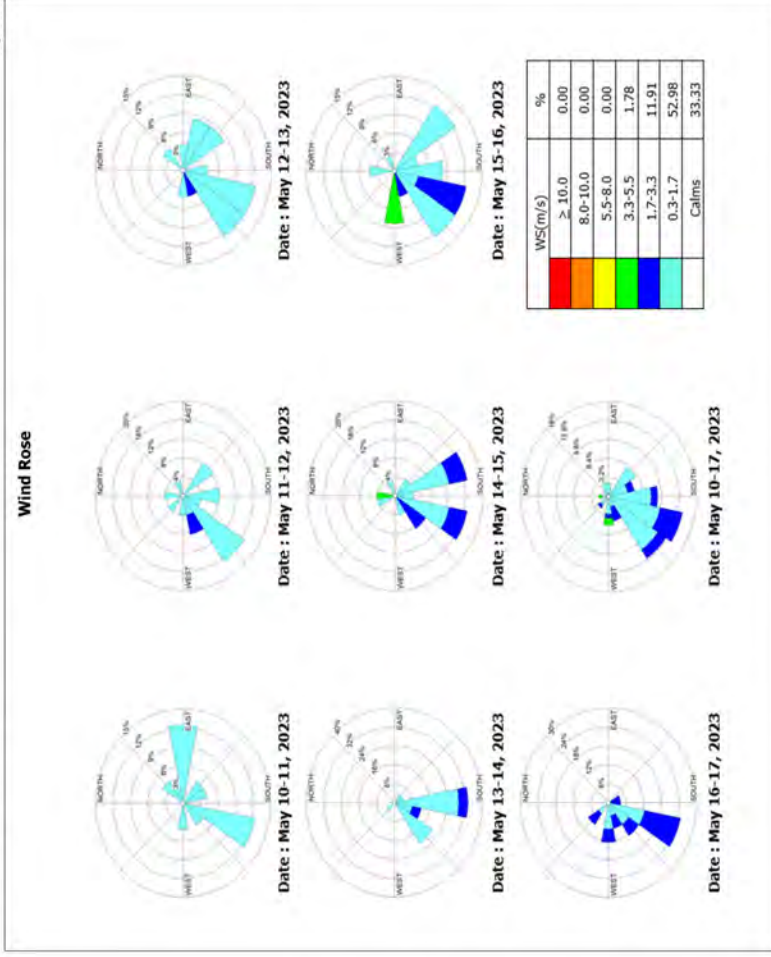


Analysis / Test Report

Client : Sam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Lot ID : 2321026
Date Received : May 19, 2023
Date Reported : Jun 15, 2023
Report Number : 2576840-1 C1

Page 2 of 2



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Analysis / Test Report

Client : Sam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Lot ID : 2321026
Date Received : May 19, 2023
Date Reported : Jun 15, 2023
Report Number : 2576840-1 C1

Sample Number 2321026-8 to 14
Parameter Wind Speed / Wind Direction
Location อู่ท้าวพรพิทยกุล (GPS 47P 0735346, 1406705)
Sampling Date May 10 - May 17, 2023
Sampling by Nantawat Samr

May 10 - May 11, 2023			May 11 - May 12, 2023			May 12 - May 13, 2023			May 13 - May 14, 2023			May 14 - May 15, 2023			May 15 - May 16, 2023			May 16 - May 17, 2023					
Time			WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)			
12:00 PM - 01:00 PM			0.5	315.0	NW	1.1	330.0	NNW	0.6	66.0	E	1.3	349.0	N	0.6	147.0	SSE	0.9	353.0	N	0.2	-	
01:00 PM - 02:00 PM			0.0	-	-	2.5	143.0	SE	1.2	118.0	ESE	0.9	7.0	N	2.4	334.0	NNW	0.9	142.0	SE	1.0	357.0	N
02:00 PM - 03:00 PM			0.4	90.0	E	0.5	10.0	N	2.0	156.0	SSE	1.4	33.0	NNE	1.1	15.0	NNE	1.4	75.0	E	0.9	135.0	SE
03:00 PM - 04:00 PM			0.7	51.0	NE	1.4	88.0	E	1.3	193.0	SSW	0.5	198.0	SSW	1.4	357.0	N	0.7	25.0	NNE	1.3	157.0	SE
04:00 PM - 05:00 PM			1.6	135.0	SE	0.7	318.0	NW	0.2	-	-	1.1	359.0	N	0.8	359.0	N	0.3	351.0	NNE	1.6	114.0	ESE
05:00 PM - 06:00 PM			0.0	-	-	0.2	-	-	0.0	-	-	0.5	350.0	N	0.9	174.0	S	0.4	332.0	NNW	1.2	278.0	W
06:00 PM - 07:00 PM			0.5	92.0	E	0.5	210.0	SSW	1.2	98.0	E	0.8	190.0	S	0.1	-	-	0.4	350.0	N	0.1	-	-
07:00 PM - 08:00 PM			0.0	-	-	1.1	164.0	SSE	0.8	93.0	E	0.4	341.0	NNW	0.1	-	-	0.1	-	-	0.3	133.0	SE
08:00 PM - 09:00 PM			0.7	63.0	E	0.0	-	-	0.8	62.0	E	0.0	-	-	0.0	-	-	0.0	-	-	0.3	135.0	SE
09:00 PM - 10:00 PM			0.0	-	-	0.3	105.0	ESE	0.0	-	-	0.6	113.0	ESE	0.0	-	-	0.4	200.0	SSW	0.0	-	-
10:00 PM - 11:00 PM			0.0	-	-	0.3	63.0	E	0.0	-	-	0.0	-	-	0.2	-	-	0.5	163.0	SSE	0.0	-	-
11:00 PM - 12:00 AM			0.0	-	-	0.1	-	-	0.5	93.0	E	0.0	-	-	0.2	-	-	0.0	-	-	1.1	344.0	NNW
12:00 AM - 01:00 AM			0.3	75.0	E	0.0	-	-	0.0	-	-	0.6	327.0	NNW	0.4	21.0	NNE	1.0	245.0	WSW	0.6	1.0	N
01:00 AM - 02:00 AM			0.5	68.0	E	0.6	151.0	SSE	0.7	122.0	ESE	0.6	135.0	SE	0.4	20.0	NNE	0.1	-	-	0.0	-	-
02:00 AM - 03:00 AM			0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.4	176.0	S	0.8	196.0	SSW	0.5	26.0	NNE
03:00 AM - 04:00 AM			0.0	-	-	0.0	-	-	0.0	-	-	0.3	48.0	NE	0.6	72.0	E	0.4	81.0	E	0.3	67.0	E
04:00 AM - 05:00 AM			0.5	111.0	ESE	0.3	58.0	E	0.8	0.0	N	1.4	122.0	ESE	1.1	301.0	NNW	0.0	-	-	0.0	-	-
05:00 AM - 06:00 AM			0.0	-	-	0.0	-	-	0.3	330.0	NNW	0.4	108.0	ESE	0.4	82.0	E	0.0	-	-	0.3	359.0	N
06:00 AM - 07:00 AM			0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.8	79.0	E	0.7	95.0	E	1.3	282.0	NNW
07:00 AM - 08:00 AM			0.0	-	-	1.3	329.0	NNW	0.4	21.0	NNE	0.0	-	-	0.4	88.0	E	0.2	-	-	0.2	-	-
08:00 AM - 09:00 AM			1.0	61.0	E	0.0	-	-	0.7	155.0	SSE	0.0	-	-	0.3	67.0	E	1.4	72.0	E	0.3	317.0	NW
09:00 AM - 10:00 AM			2.5	133.0	SE	0.3	69.0	E	0.5	50.0	NE	0.7	353.0	N	0.0	-	-	1.0	70.0	E	0.5	337.0	NNW
10:00 AM - 11:00 AM			0.7	297.0	NNW	0.0	-	-	1.6	81.0	E	0.9	10.0	N	0.4	16.0	NNE	1.1	155.0	SSE	0.8	346.0	NNW
11:00 AM - 12:00 PM			0.4	355.0	N	0.0	-	-	1.9	342.0	NNW	0.4	50.0	NE	1.2	359.0	N	0.2	-	-	3.5	131.0	SE

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Analysis / Test Report

Client : Sam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

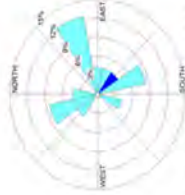
Lot ID : 2321026
Date Received : May 19, 2023
Date Reported : Jun 15, 2023
Report Number : 2576840-1 C1

Page 2 of 2

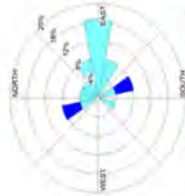
Wind Rose



Date : May 10-11, 2023



Date : May 11-12, 2023



Date : May 12-13, 2023



Date : May 13-14, 2023



Date : May 14-15, 2023



Date : May 15-16, 2023

WS(m/s)	%
> 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	0.60
1.7-3.3	2.97
0.3-1.7	61.31
Calms	35.12

Date : May 16-17, 2023

Date : May 10-17, 2023

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Analysis / Test Report

Client : Sam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Lot ID : 2321026
Date Received : May 19, 2023
Date Reported : May 26, 2023
Report Number : 2576840-1

Sample Number 2321026-15 to 21
Parameter Wind Speed / Wind Direction
Location สถานีวัดคุณภาพ (GPS 47P 0735187, 1405873)
Sampling Date May 10 - May 17, 2023
Sampling by Nantawat Samr

Time	May 10 - May 11, 2023		May 11 - May 12, 2023		May 12 - May 13, 2023		May 13 - May 14, 2023		May 14 - May 15, 2023		May 15 - May 16, 2023		May 16 - May 17, 2023								
	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)							
01:00 PM - 02:00 PM	0.8	56.0	NE	1.9	156.0	SSE	1.2	79.0	E	1.0	160.0	SSE	2.6	122.0	ESE	1.5	262.0	W	2.2	119.0	ESE
02:00 PM - 03:00 PM	0.6	48.0	NE	2.3	204.0	SSW	1.6	78.0	ENE	0.6	98.0	E	3.2	172.0	S	2.3	131.0	SE	1.6	155.0	SSE
03:00 PM - 04:00 PM	0.6	220.0	SW	1.7	166.0	SSE	0.1	-	-	2.2	116.0	ESE	2.1	45.0	NE	1.2	120.0	ESE	1.5	84.0	E
04:00 PM - 05:00 PM	0.6	180.0	S	2.0	77.0	ENE	1.3	113.0	ESE	1.1	145.0	SE	1.2	122.0	ESE	0.1	-	-	2.9	112.0	ESE
05:00 PM - 06:00 PM	1.0	145.0	SE	0.4	117.0	ESE	0.0	-	-	1.9	81.0	E	1.7	90.0	E	1.1	71.0	ENE	1.3	136.0	SE
06:00 PM - 07:00 PM	0.8	120.0	ESE	0.0	-	-	1.3	74.0	ENE	1.4	103.0	ESE	0.4	99.0	E	1.1	66.0	ENE	0.0	-	-
07:00 PM - 08:00 PM	1.0	110.0	ESE	0.0	-	-	0.0	-	-	0.4	76.0	ENE	0.0	-	-	0.4	103.0	ESE	0.0	-	-
08:00 PM - 09:00 PM	0.7	87.0	E	0.0	-	-	0.0	-	-	0.2	-	-	1.7	125.0	SE	0.4	105.0	ESE	0.0	-	-
09:00 PM - 10:00 PM	0.6	98.0	E	0.5	46.0	NE	0.0	-	-	1.2	133.0	SE	0.3	82.0	E	0.0	-	-	1.0	111.0	ESE
10:00 PM - 11:00 PM	0.7	61.0	ENE	0.0	-	-	0.0	-	-	0.6	84.0	E	0.0	-	-	1.1	107.0	ESE	1.3	98.0	E
11:00 PM - 12:00 AM	0.5	52.0	NE	0.0	-	-	0.0	-	-	1.6	118.0	ESE	0.0	-	-	0.3	74.0	ENE	1.9	162.0	SSE
12:00 AM - 01:00 AM	0.5	50.0	NE	0.8	152.0	SSE	0.4	135.0	SE	0.0	-	-	0.3	111.0	ESE	0.0	-	-	3.0	145.0	SE
01:00 AM - 02:00 AM	0.2	-	-	0.2	-	-	0.0	-	-	0.6	74.0	ENE	0.0	-	-	2.0	138.0	SE	0.3	80.0	E
02:00 AM - 03:00 AM	0.7	47.0	NE	0.0	-	-	1.7	134.0	SE	1.0	93.0	E	0.3	84.0	E	1.0	337.0	NNW	1.7	152.0	SSE
03:00 AM - 04:00 AM	0.3	34.0	NE	0.3	88.0	E	2.5	158.0	SSE	0.0	-	-	2.2	234.0	SW	0.8	197.0	SSW	0.4	171.0	S
04:00 AM - 05:00 AM	0.7	38.0	NE	0.0	-	-	1.6	171.0	S	0.0	-	-	0.0	-	-	0.0	-	-	0.5	282.0	NNW
05:00 AM - 06:00 AM	0.7	48.0	NE	0.5	170.0	S	0.7	156.0	SSE	0.8	111.0	ESE	0.4	31.0	NNE	0.0	-	-	1.0	270.0	W
06:00 AM - 07:00 AM	0.5	80.0	E	2.0	130.0	SE	0.9	161.0	SSE	0.0	-	-	0.0	-	-	0.0	-	-	2.1	249.0	WSW
07:00 AM - 08:00 AM	0.7	122.0	ESE	0.0	-	-	0.3	215.0	SW	1.0	133.0	SE	0.0	-	-	0.0	-	-	0.4	209.0	SSW
08:00 AM - 09:00 AM	1.5	133.0	SE	0.3	328.0	NNW	1.8	266.0	W	1.0	126.0	SE	0.0	-	-	0.2	-	-	0.0	-	-
09:00 AM - 10:00 AM	1.3	125.0	SE	0.0	-	-	2.1	172.0	S	0.5	207.0	SSW	3.7	153.0	SSE	0.2	-	-	1.0	177.0	S
10:00 AM - 11:00 AM	1.2	167.0	SSE	0.0	-	-	3.0	182.0	S	4.5	184.0	S	1.6	116.0	ESE	1.2	110.0	ESE	1.2	277.0	W
11:00 AM - 12:00 PM	1.3	175.0	S	0.4	30.0	NNE	2.1	205.0	SSW	1.4	169.0	S	1.0	130.0	SE	1.5	109.0	ESE	0.7	131.0	SE
12:00 PM - 01:00 PM	1.5	164.0	SSE	0.0	-	-	1.9	217.0	SW	0.7	76.0	ENE	0.9	68.0	ENE	1.2	64.0	ENE	1.9	196.0	SSW

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Analysis / Test Report

Client : Sam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

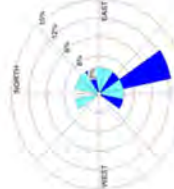
Lot ID : 2321026
Date Received : May 19, 2023
Date Reported : May 26, 2023
Report Number : 2576840-1

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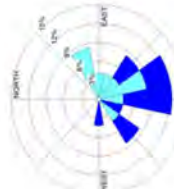
Wind Rose



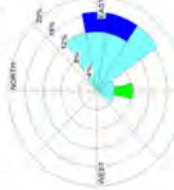
Date : May 07-08, 2023



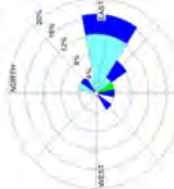
Date : May 08-09, 2023



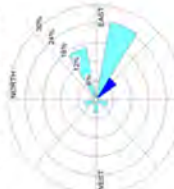
Date : May 09-10, 2023



Date : May 10-11, 2023



Date : May 11-12, 2023



Date : May 12-13, 2023

WS(m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	1.19
1.7-3.3	17.26
0.3-1.7	53.57
Calms	27.98

Date : May 07-14, 2023

Date : May 13-14, 2023

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Analysis / Test Report

Client : Sam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Lot ID : 2321026
Date Received : May 19, 2023
Date Reported : May 26, 2023
Report Number : 2576840-1

Page 1 of 2

Sample Number 2321026-22 to 28
Parameter Wind Speed / Wind Direction
Location จุดวัดลมที่ 15 กิโลเมตร (GPS 47P 0731794, 1408788)
Sampling Date May 10 - May 17, 2023
Sampling by Nantawat Samr

Time		May 10 - May 11, 2023		May 11 - May 12, 2023		May 12 - May 13, 2023		May 13 - May 14, 2023		May 14 - May 15, 2023		May 15 - May 16, 2023		May 16 - May 17, 2023	
		WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)	WS (m/s)	WD (deg)
	02:00 PM - 03:00 PM	0.1	-	0.9	239.0 WSW	1.3	167.0 SSE	1.1	172.0 S	0.3	184.0 S	0.6	142.0 SE	0.9	230.0 SW
	03:00 PM - 04:00 PM	0.3	217.0 SW	1.6	216.0 SW	0.0	-	1.5	152.0 SSE	0.2	-	0.8	199.0 SSW	0.9	260.0 W
	04:00 PM - 05:00 PM	0.2	-	1.5	142.0 SE	0.0	-	0.5	201.0 SSW	0.0	-	0.0	-	0.9	151.0 SSE
	05:00 PM - 06:00 PM	0.4	176.0 S	1.8	225.0 SW	0.8	159.0 SSE	0.8	171.0 S	0.3	118.0 ESE	0.0	-	0.6	243.0 WSW
	06:00 PM - 07:00 PM	0.7	210.0 SSW	0.4	233.0 SW	0.9	246.0 WSW	1.1	153.0 SSE	0.0	-	0.7	263.0 W	0.8	203.0 SSW
	07:00 PM - 08:00 PM	0.8	219.0 SW	0.0	-	0.0	-	0.2	-	0.0	-	0.0	-	0.5	226.0 SW
	08:00 PM - 09:00 PM	0.1	-	0.5	72.0 ENE	0.0	-	1.0	157.0 SSE	0.4	309.0 NW	0.6	142.0 SE	0.5	238.0 WSW
	09:00 PM - 10:00 PM	0.2	-	0.5	200.0 SSW	1.2	129.0 SE	0.9	136.0 SE	0.3	238.0 WSW	0.0	-	0.8	220.0 SW
	10:00 PM - 11:00 PM	0.3	193.0 SSW	0.0	-	0.0	-	0.6	113.0 ESE	0.2	-	0.6	186.0 S	1.0	225.0 SW
	11:00 PM - 12:00 AM	0.7	183.0 S	0.4	346.0 NNW	0.8	126.0 SE	0.0	-	0.0	-	0.4	133.0 SE	0.9	238.0 WSW
	12:00 AM - 01:00 AM	0.4	214.0 SW	0.4	181.0 S	0.6	189.0 S	0.3	218.0 SW	0.0	-	0.7	200.0 SSW	0.2	-
	01:00 AM - 02:00 AM	0.5	235.0 SW	0.0	-	0.7	212.0 SSW	0.4	213.0 SSW	0.0	-	1.0	167.0 SSE	0.3	206.0 SSW
	02:00 AM - 03:00 AM	0.6	230.0 SW	0.0	-	0.0	-	0.5	190.0 S	0.4	228.0 SW	0.7	13.0 NNE	0.2	-
	03:00 AM - 04:00 AM	0.3	226.0 SW	0.5	234.0 SW	0.5	215.0 SW	0.2	-	0.3	247.0 WSW	0.8	0.0 N	0.2	-
	04:00 AM - 05:00 AM	0.2	-	0.4	196.0 SSW	0.0	-	0.4	241.0 WSW	0.0	-	0.1	-	0.3	265.0 W
	05:00 AM - 06:00 AM	0.1	-	0.0	-	0.0	-	0.4	288.0 NNW	0.4	28.0 NNE	0.4	359.0 N	0.2	-
	06:00 AM - 07:00 AM	0.0	-	0.7	149.0 SSE	0.4	295.0 WNW	0.0	-	0.0	-	0.1	-	0.3	262.0 W
	07:00 AM - 08:00 AM	0.3	269.0 W	0.0	-	0.0	-	0.3	13.0 NNE	0.0	-	0.3	36.0 NE	0.4	266.0 W
	08:00 AM - 09:00 AM	0.0	-	0.3	6.0 N	0.0	-	0.0	-	0.5	24.0 NNE	0.2	-	0.5	273.0 W
	09:00 AM - 10:00 AM	0.4	259.0 W	0.0	-	0.0	-	0.1	-	0.4	251.0 WSW	0.7	33.0 NNE	0.2	-
	10:00 AM - 11:00 AM	0.0	-	0.4	21.0 NNE	0.1	-	0.3	215.0 SW	0.3	245.0 WSW	0.7	174.0 S	0.2	-
	11:00 AM - 12:00 PM	0.3	301.0 WNW	0.0	-	0.9	275.0 W	0.0	-	0.0	-	0.3	218.0 SW	0.3	237.0 WSW
	12:00 PM - 01:00 PM	0.9	345.0 NNW	0.0	-	2.3	229.0 WSW	0.0	-	0.0	-	0.6	263.0 W	0.4	241.0 WSW
	01:00 PM - 02:00 PM	0.8	269.0 W	1.0	290.0 WNW	2.1	237.0 WSW	0.0	-	0.4	260.0 W	1.2	196.0 SSW	1.2	252.0 WSW

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Approved by

Sarayuth Jitrarant
Assistant General Manager

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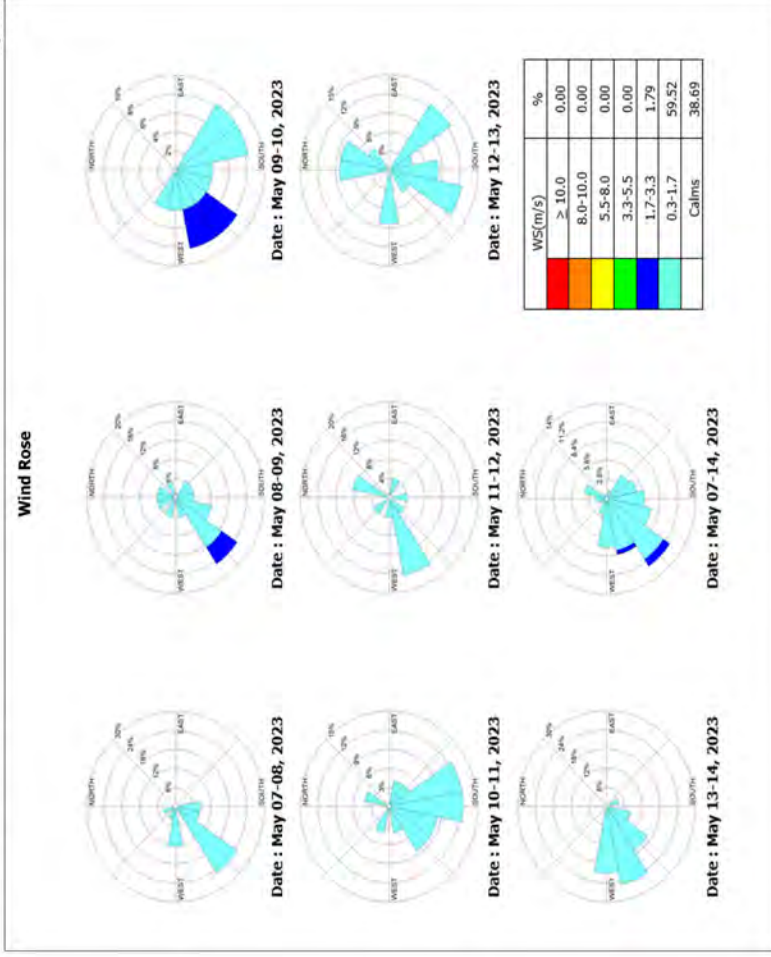


Analysis / Test Report

Client : Sam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Lot ID : 2321026
Date Received : May 19, 2023
Date Reported : May 26, 2023
Report Number : 2576840-1

Page 2 of 2



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Sarayuth Jitrarant
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8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321031
Date Received : May 19, 2023
Date Reported : May 29, 2023
Report Number : 2576864-ICS

Page 1 of 12

Sample Number	2321031-1
Sampled Date	May 15, 2023
Sample Description	Air Quality
Location	บริเวณโรงหล่อ (โรงหมักบดและแปรรูปพลาสติกชีวภาพ) (GPS 47P 0735520, 1402767)
Date Analysis Commenced	May 23, 2023
Condition of Sample	Contained in one 10-L air sampling bag
Analyte	
Method	
Result	
Testing Location	
Air Testing	
Non-Methane Hydrocarbon as Propane	15/05/23 - 16/05/23 ppm - 0.4 0.5 EPA 40 CFR Part 50, Appendix C

Sampled By : Nantawat Sarin

Remark :

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

Thanita K.

Approved by

Thanita Kulsurwong
Scientist (4)

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321031
Date Received : May 19, 2023
Date Reported : May 29, 2023
Report Number : 2576864-ICS

Page 2 of 12

Sample Number	2321031-2
Sampled Date	May 16, 2023
Sample Description	Air Quality
Location	บริเวณโรงหล่อ (โรงหมักบดและแปรรูปพลาสติกชีวภาพ) (GPS 47P 0735520, 1402767)
Date Analysis Commenced	May 23, 2023
Condition of Sample	Contained in one 10-L air sampling bag
Analyte	
Method	
Result	
Testing Location	
Air Testing	
Non-Methane Hydrocarbon as Propane	16/05/23 - 17/05/23 ppm - 0.4 <0.4 EPA 40 CFR Part 50, Appendix C

Sampled By : Nantawat Sarin

Remark :

- LOD : Limit of Detection
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Thanita K.

Approved by

Thanita Kulsurwong
Scientist (4)

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321031
Date Received : May 19, 2023
Date Reported : May 29, 2023
Report Number : 2576864-ICS

Page 3 of 12

Sample Number	2321031-3			
Sampled Date	May 17, 2023			
Sample Description	Air Quality			
Location	บ้านนาหว้า (บ้านนาหว้าอุตสาหกรรมท่าเรือ) (GPS 47P 0735520, 1402767)			
Date Analysis Commenced	May 23, 2023			
Condition of Sample	Contained in one 10-L air sampling bag			
Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)
Air Testing				
Non-Methane Hydrocarbon as Propane	17/05/23 - 18/05/23	ppm	-	0.4
				0.5
				EPA 40 CFR Part 50, Appendix C
				Rayong

Sampled By : Nantawat Sarin

Remark :

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

Approved by

Thanita K.

Thanita Kulsurwong
Scientist (4)

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321031
Date Received : May 19, 2023
Date Reported : May 29, 2023
Report Number : 2576864-ICS

Page 4 of 12

Sample Number	2321031-4			
Sampled Date	May 15, 2023			
Sample Description	Air Quality			
Location	บ้านนาหว้า (GPS 47P 0735346, 1406705)			
Date Analysis Commenced	May 23, 2023			
Condition of Sample	Contained in one 10-L air sampling bag			
Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)
Air Testing				
Non-Methane Hydrocarbon as Propane	15/05/23 - 16/05/23	ppm	-	0.4
				0.6
				EPA 40 CFR Part 50, Appendix C
				Rayong

Sampled By : Nantawat Sarin

Remark :

- LOD : Limit of Detection
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Approved by

Thanita K.

Thanita Kulsurwong
Scientist (4)

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Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321031
Date Received : May 19, 2023
Date Reported : May 29, 2023
Report Number : 2576864-ICS

Page 5 of 12

Sample Number	2321031-5
Sampled Date	May 16, 2023
Sample Description	Air Quality
Location	บ้านนาหว้า (GPS 47P 0735346, 1406705)
Date Analysis Commenced	May 23, 2023
Condition of Sample	Contained in one 10-L air sampling bag
Analyte	
Method	
Result	
Testing Location	
Air Testing	
Non-Methane Hydrocarbon as Propane	16/05/23 - 17/05/23 ppm - 0.4 0.7 EPA 40 CFR Part 50, Appendix C

Sampled By : Nantawat Sarin

Remark :

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

Thanita K.

Approved by

Thanita Kulsurwong
Scientist (4)

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8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321031
Date Received : May 19, 2023
Date Reported : May 29, 2023
Report Number : 2576864-ICS

Page 6 of 12

Sample Number	2321031-6
Sampled Date	May 17, 2023
Sample Description	Air Quality
Location	บ้านนาหว้า (GPS 47P 0735346, 1406705)
Date Analysis Commenced	May 23, 2023
Condition of Sample	Contained in one 10-L air sampling bag
Analyte	
Method	
Result	
Testing Location	
Air Testing	
Non-Methane Hydrocarbon as Propane	17/05/23 - 18/05/23 ppm - 0.4 0.5 EPA 40 CFR Part 50, Appendix C

Sampled By : Nantawat Sarin

Remark :

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

Thanita K.

Approved by

Thanita Kulsurwong
Scientist (4)

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321031
Date Received : May 19, 2023
Date Reported : May 29, 2023
Report Number : 2576864-ICS

Page 7 of 12

Sample Number	2321031-7						
Sampled Date	May 15, 2023						
Sample Description	Air Quality						
Location	สถานีอุตสาหกรรมฯ (GPS 47P 0735187, 1405873)						
Date Analysis Commenced	May 23, 2023						
Condition of Sample	Contained in one 10-L air sampling bag						
Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Air Testing							
Non-Methane Hydrocarbon as Propane	15/05/23 - 16/05/23	ppm	-	0.4	1.5	EPA 40 CFR Part 50, Appendix C	Rayong

Sampled By : Nantawat Sarin

Remark :

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

Approved by

Thanita K.

Thanita Kulsurwong
Scientist (4)

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321031
Date Received : May 19, 2023
Date Reported : May 29, 2023
Report Number : 2576864-ICS

Page 8 of 12

Sample Number	2321031-8						
Sampled Date	May 16, 2023						
Sample Description	Air Quality						
Location	สถานีอุตสาหกรรมฯ (GPS 47P 0735187, 1405873)						
Date Analysis Commenced	May 23, 2023						
Condition of Sample	Contained in one 10-L air sampling bag						
Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Air Testing							
Non-Methane Hydrocarbon as Propane	16/05/23 - 17/05/23	ppm	-	0.4	<0.4	EPA 40 CFR Part 50, Appendix C	Rayong

Sampled By : Nantawat Sarin

Remark :

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

Approved by

Thanita K.

Thanita Kulsurwong
Scientist (4)

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321031
Date Received : May 19, 2023
Date Reported : May 29, 2023
Report Number : 2576864-ICS

Page 9 of 12

Sample Number 2321031-9
Sampled Date May 17, 2023
Sample Description Air Quality
Location เขตอุตสาหกรรมมาบตาพุด (GPS 47P 0735187, 1405873)
Date Analysis Commenced May 23, 2023
Condition of Sample Contained in one 10-L air sampling bag

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Air Testing							
Non-Methane Hydrocarbon as Propane	17/05/23	ppm	-	0.4	0.4	EPA 40 CFR Part 50, Appendix C	Rayong

Sampled By : Nantawat Sarin

Remark :

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

Thanita K.

Approved by

Thanita Kulsurwong
Scientist (4)

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321031
Date Received : May 19, 2023
Date Reported : May 29, 2023
Report Number : 2576864-ICS

Page 10 of 12

Sample Number 2321031-10
Sampled Date May 15, 2023
Sample Description Air Quality
Location เขตอุตสาหกรรมมาบตาพุด (GPS 47P 0731794, 1408788)
Date Analysis Commenced May 23, 2023
Condition of Sample Contained in one 10-L air sampling bag

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Air Testing							
Non-Methane Hydrocarbon as Propane	15/05/23	ppm	-	0.4	<0.4	EPA 40 CFR Part 50, Appendix C	Rayong

Sampled By : Nantawat Sarin

Remark :

- LOD : Limit of Detection
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Thanita K.

Approved by

Thanita Kulsurwong
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8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321031
Date Received : May 19, 2023
Date Reported : May 29, 2023
Report Number : 2576864-ICS

Page 11 of 12

Sample Number 2321031-11
Sampled Date May 16, 2023
Sample Description Air Quality
Location กรุงเทพมหานคร กรุงเทพมหานคร (GPS 47P 0731794, 1408788)
Date Analysis Commenced May 23, 2023
Condition of Sample Contained in one 10-L air sampling bag

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Air Testing							
Non-Methane Hydrocarbon as Propane	16/05/23 - 17/05/23	ppm	-	0.4	0.8	EPA 40 CFR Part 50, Appendix C	Rayong

Sampled By : Nantawat Sarin

Remark :

- LOD : Limit of Detection
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Thanita K.

Approved by

Thanita Kulsurwong
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Analysis / Test Report

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8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321031
Date Received : May 19, 2023
Date Reported : May 29, 2023
Report Number : 2576864-ICS

Page 12 of 12

Sample Number 2321031-12
Sampled Date May 17, 2023
Sample Description Air Quality
Location กรุงเทพมหานคร กรุงเทพมหานคร (GPS 47P 0731794, 1408788)
Date Analysis Commenced May 23, 2023
Condition of Sample Contained in one 10-L air sampling bag

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Air Testing							
Non-Methane Hydrocarbon as Propane	17/05/23 - 18/05/23	ppm	-	0.4	<0.4	EPA 40 CFR Part 50, Appendix C	Rayong

Sampled By : Nantawat Sarin

Remark :

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

Thanita K.

Approved by

Thanita Kulsurwong
Scientist (4)

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ภาคผนวก ค-3

ปริมาณสารอินทรีย์ระเหยในบรรยากาศ (VOCs)



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O : 4503136460

Project Name : Environmental Quality Monitoring

Project Location :

Lot ID: 22155343

Date Received : Jan 04, 2023

Date Reported : Jan 11, 2023

Report Number : 2533899-ICS

Page 1 of 3

Sample Number	22155343-1
Sample Date	Jan 03, 2023
Sample Description	Air Quality
Location	บ้านนาหว้า (GPS 47P 0735350, 1406704)
Date Analysis Commenced	Jan 05, 2023
Condition of Sample	Drawn into one 6-L Canister and one sorbent tube, refrigerated
Barometric Pressure	759 mmHg
Atmospheric Temperature	30.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,4-Dichlorobenzene	03/01/23 - 04/01/23	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	03/01/23 - 04/01/23	ug/m3	0.05	0.16	2.17	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Ethylene Glycol	03/01/23 - 04/01/23	ug/m3	0.5	7.0	Not Detected	No Standard	Based on NIOSH 5523	-	Bangkok
Hexane	03/01/23 - 04/01/23	ug/m3	0.60	1.76	1.83	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Propene (Propylene)	03/01/23 - 04/01/23	ug/m3	0.30	0.86	5.09	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Toluene	03/01/23 - 04/01/23	ug/m3	0.60	1.88	3.69	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009)

Note : - Ban Map Ta Phut Community station has moderate traffic Normal activity, Clear sky, Nearby School and Community

Sampled By : Nantawat Sarin

Remark :

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

Approved by

Sararat Mongkollirawut
Supervisor

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O : 4503136460

Project Name : Environmental Quality Monitoring

Project Location :

Lot ID: 22155343

Date Received : Jan 04, 2023

Date Reported : Jan 11, 2023

Report Number : 2533899-ICS

Page 2 of 3

Sample Number	22155343-2
Sample Date	Jan 03, 2023
Sample Description	Air Quality
Location	บ้านนาหว้า (GPS 47P 0723821, 1403299)
Date Analysis Commenced	Jan 05, 2023
Condition of Sample	Drawn into one 6-L Canister and one sorbent tube, refrigerated
Barometric Pressure	759 mmHg
Atmospheric Temperature	30.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,4-Dichlorobenzene	03/01/23 - 04/01/23	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	03/01/23 - 04/01/23	ug/m3	0.05	0.16	2.17	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Ethylene Glycol	03/01/23 - 04/01/23	ug/m3	0.5	7.0	Not Detected	No Standard	Based on NIOSH 5523	-	Bangkok
Hexane	03/01/23 - 04/01/23	ug/m3	0.60	1.76	Not Detected	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Propene (Propylene)	03/01/23 - 04/01/23	ug/m3	0.30	0.86	3.30	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Toluene	03/01/23 - 04/01/23	ug/m3	0.60	1.88	<1.88	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009)

Note : - Ban Nong Fab School station has moderate traffic. Clear sky, Nearby school, temple and Community

Sampled By : Nantawat Sarin

Remark :

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

Approved by

Sararat Mongkollirawut
Supervisor

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4009-122 EMAIL



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O : 4503136460

Project Name : Environmental Quality Monitoring

Project Location :

Lot ID: 22155343

Date Received : Jan 04, 2023

Date Reported : Jan 11, 2023

Report Number : 2533899-ICS

Page 3 of 3

Sample Number	22155343-3													
Sample Date	Jan 03, 2023													
Sample Description	Air Quality													
Location	อาคารนิคมอุตสาหกรรม (GPS 47P 0735207, 1405888)													
Date Analysis Commenced	Jan 05, 2023													
Condition of Sample	Drawn into one 6-L Canister and one sorbent tube, refrigerated													
Barometric Pressure	759 mmHg													
Atmospheric Temperature	30.0 °C													
Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location					
Air Testing														
1,4-Dichlorobenzene	03/01/23 - 04/01/23	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong					
Benzene	03/01/23 - 04/01/23	ug/m3	0.05	0.16	1.85	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong					
Ethylene Glycol	03/01/23 - 04/01/23	ug/m3	0.5	7.0	Not Detected	No Standard	Based on NIOSH, 5523	-	Bangkok					
Hexane	03/01/23 - 04/01/23	ug/m3	0.60	1.76	<1.76	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong					
Propene (Propylene)	03/01/23 - 04/01/23	ug/m3	0.30	0.86	3.79	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong					
Toluene	03/01/23 - 04/01/23	ug/m3	0.60	1.88	2.86	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong					

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009)

Note : - Map Ta Phut Public Health Center station has moderate traffic. Clear Sky, Nearby temple and Community

Sampled By : Nantawat Sarn

Remark :

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



Approved by

Sararat Mongkollirawut
Supervisor

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O : 4503136460

Project Name : Environmental Quality Monitoring

Project Location :

Lot ID: 231773

Date Received : Feb 02, 2023

Date Reported : Feb 11, 2023

Report Number : 2535993-ICS

Page 1 of 3

Sample Number	231773-1													
Sampled Date	Feb 01, 2023													
Sample Description	Air Quality													
Location	บ้านสวนพญา (GPS 47P 0735350, 1406704)													
Date Analysis Commenced	Feb 03, 2023													
Condition of Sample	Drawn into one 6-L Canister and one sorbent tube, refrigerated													
Barometric Pressure	756 mmHg													
Atmospheric Temperature	32.0 °C													
Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location					
Air Testing														
1,4-Dichlorobenzene	01/02/23 - 02/02/23	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong					
Benzene	01/02/23 - 02/02/23	ug/m3	0.05	0.16	4.28	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong					
Ethylene Glycol	01/02/23 - 02/02/23	ug/m3	0.5	7.0	Not Detected	No Standard	Based on NIOSH, 5523	-	Bangkok					
Hexane	01/02/23 - 02/02/23	ug/m3	0.60	1.76	2.96	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong					
Propene (Propylene)	01/02/23 - 02/02/23	ug/m3	0.30	0.86	16.45	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong					
Toluene	01/02/23 - 02/02/23	ug/m3	0.60	1.88	13.12	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong					

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009)

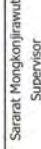
Note : - Ban Map Ta Phut Community station has moderate traffic. Normal activity, Clear sky, Nearby School and Community

Sampled By : Sawai Tongtho

Remark :

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

Approved by


Sararat Mongkollirawut
Supervisor

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O : 4503136460

Project Name : Environmental Quality Monitoring

Project Location :

Lot ID: 231773

Date Received : Feb 02, 2023

Date Reported : Feb 11, 2023

Report Number : 2535993-1CS

Page: 2 of 3

Sample Number	231773-2
Sample Date	Feb 01, 2023
Sample Description	Air Quality
Location	ท่าเรืออุตสาหกรรม (GPS 47P 0723821, 1403299)
Date Analysis Commenced	Feb 03, 2023
Condition of Sample	Drawn into one 6-L Canister and one sorbent tube, refrigerated
Barometric Pressure	756 mmHg
Atmospheric Temperature	32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,4-Dichlorobenzene	01/02/23 - 02/02/23	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	01/02/23 - 02/02/23	ug/m3	0.05	0.16	4.98	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Ethylene Glycol	01/02/23 - 02/02/23	ug/m3	0.5	7.0	Not Detected	No Standard	Based on NIOSH 5523	-	Bangkok
Hexane	01/02/23 - 02/02/23	ug/m3	0.60	1.76	Not Detected	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Propene (Propylene)	01/02/23 - 02/02/23	ug/m3	0.30	0.86	16.38	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Toluene	01/02/23 - 02/02/23	ug/m3	0.60	1.88	5.05	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009)

Note : - Ban Nong Fab School station has moderate traffic. Clear sky, Nearby school, temple and Community

Sampled By : Sawai Tongpho

Remark :

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

Approved by

Sararat Mongkoljirawut
Supervisor

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O : 4503136460

Project Name : Environmental Quality Monitoring

Project Location :

Lot ID: 231773

Date Received : Feb 02, 2023

Date Reported : Feb 11, 2023

Report Number : 2535993-1CS

Page: 3 of 3

Sample Number	231773-3
Sample Date	Feb 01, 2023
Sample Description	Air Quality
Location	ท่าเรืออุตสาหกรรม (GPS 47P 0735207, 1405888)
Date Analysis Commenced	Feb 03, 2023
Condition of Sample	Drawn into one 6-L Canister and one sorbent tube, refrigerated
Barometric Pressure	756 mmHg
Atmospheric Temperature	32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,4-Dichlorobenzene	01/02/23 - 02/02/23	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	01/02/23 - 02/02/23	ug/m3	0.05	0.16	4.98	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Ethylene Glycol	01/02/23 - 02/02/23	ug/m3	0.5	7.0	Not Detected	No Standard	Based on NIOSH 5523	-	Bangkok
Hexane	01/02/23 - 02/02/23	ug/m3	0.60	1.76	45.96	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Propene (Propylene)	01/02/23 - 02/02/23	ug/m3	0.30	0.86	12.80	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Toluene	01/02/23 - 02/02/23	ug/m3	0.60	1.88	11.08	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009)

Note : - Map Ta Phut Public Health Center station has moderate traffic. Clear Sky, Nearby temple and Community

Sampled By : Sawai Tongpho

Remark :

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

Approved by

Sararat Mongkoljirawut
Supervisor

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150

P/O : 4503136460

Project Name : Environmental Quality Monitoring

Project Location :

Lot ID: 2321048

Date Received : Mar 03, 2023

Date Reported : Mar 15, 2023

Report Number : 2576881-1CS

Page 1 of 3

Sample Number	2321048-1
Sample Date	Mar 01, 2023
Sample Description	Air Quality
Location	บ้านนาเกลือ (GPS 47P 0735350, 1406704)
Date Analysis Commenced	Mar 03, 2023
Condition of Sample	Drawn into one 6-L Canister and one sorbent tube, refrigerated
Barometric Pressure	760 mmHg
Atmospheric Temperature	34.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,4-Dichlorobenzene	01/03/23 - 02/03/23	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	01/03/23 - 02/03/23	ug/m3	0.05	0.16	1.92	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Ethylene Glycol	01/03/23 - 02/03/23	ug/m3	0.5	7.0	Not Detected	No Standard	Based on NIOSH 5523	-	Bangkok
Hexane	01/03/23 - 02/03/23	ug/m3	0.60	1.76	<1.76	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Propene (Propylene)	01/03/23 - 02/03/23	ug/m3	0.30	0.86	4.44	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Toluene	01/03/23 - 02/03/23	ug/m3	0.60	1.88	5.13	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009)

Note : - Ban Map Ta Phut Community station has moderate traffic Normal activity, Cloudy, Nearby School and Community

Sampled By : Saknarin Jansakay

Remark :

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

Approved by

Tanyatorn Mongkollirawut
Supervisor

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150

P/O : 4503136460

Project Name : Environmental Quality Monitoring

Project Location :

Lot ID: 2321048

Date Received : Mar 03, 2023

Date Reported : Mar 15, 2023

Report Number : 2576881-1CS

Page 2 of 3

Sample Number	2321048-2
Sample Date	Mar 01, 2023
Sample Description	Air Quality
Location	บ้านนาเกลือ (GPS 47P 0723821, 1403299)
Date Analysis Commenced	Mar 03, 2023
Condition of Sample	Drawn into one 6-L Canister and one sorbent tube, refrigerated
Barometric Pressure	760 mmHg
Atmospheric Temperature	34.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,4-Dichlorobenzene	01/03/23 - 02/03/23	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	01/03/23 - 02/03/23	ug/m3	0.05	0.16	2.88	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Ethylene Glycol	01/03/23 - 02/03/23	ug/m3	0.5	7.0	Not Detected	No Standard	Based on NIOSH 5523	-	Bangkok
Hexane	01/03/23 - 02/03/23	ug/m3	0.60	1.76	<1.76	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Propene (Propylene)	01/03/23 - 02/03/23	ug/m3	0.30	0.86	6.16	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Toluene	01/03/23 - 02/03/23	ug/m3	0.60	1.88	3.62	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009)

Note : - Ban Nong Fab School station has moderate traffic Normal activity, Cloudy, Nearby School, Temple and Community

Sampled By : Saknarin Jansakay

Remark :

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

Approved by

Tanyatorn Mongkollirawut
Supervisor

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4889-122/ EMAIL



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150

P/O : 4503136460

Project Name : Environmental Quality Monitoring

Project Location :

Lot ID: 2321048

Date Received : Mar 03, 2023

Date Reported : Mar 15, 2023

Report Number : 2576881-1CS

Page 3 of 3

Sample Number	2321048-3
Sample Date	Mar 01, 2023
Sample Description	Air Quality
Location	ท่าเรืออุตสาหกรรม (GPS 47P 0735207, 1405888)
Date Analysis Commenced	Mar 03, 2023
Condition of Sample	Drawn into one 6-L Canister and one sorbent tube, refrigerated
Barometric Pressure	760 mmHg
Atmospheric Temperature	34.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,4-Dichlorobenzene	01/03/23 - 02/03/23	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	01/03/23 - 02/03/23	ug/m3	0.05	0.16	2.49	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Ethylene Glycol	01/03/23 - 02/03/23	ug/m3	0.5	7.0	Not Detected	No Standard	Based on NIOSH, 5523	-	Bangkok
Hexane	01/03/23 - 02/03/23	ug/m3	0.60	1.76	6.42	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Propene (Propylene)	01/03/23 - 02/03/23	ug/m3	0.30	0.86	5.06	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Toluene	01/03/23 - 02/03/23	ug/m3	0.60	1.88	7.54	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009)

Note : - Map Ta Phut Public Health Center station has moderate traffic, Normal activity, Cloudy, Nearby Community

Sampled By : Saknarin Jarasday

Remark :

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

Approved by

Tanyatom Mongkijirawat
Supervisor

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150

P/O : 4503136460

Project Name : Environmental Quality Monitoring

Project Location :

Lot ID: 2336709

Date Received : Apr 04, 2023

Date Reported : Apr 11, 2023

Report Number : 2610629-1CS

Page 1 of 3

Sample Number	2336709-1
Sample Date	Apr 03, 2023
Sample Description	Air Quality
Location	ท่าเรืออุตสาหกรรม (GPS 47P 0735350, 1406704)
Date Analysis Commenced	Apr 05, 2023
Condition of Sample	Drawn into one 6-L Canister, one sorbent tube, refrigerated
Barometric Pressure	756 mmHg
Atmospheric Temperature	32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,4-Dichlorobenzene	03/04/23 - 04/04/23	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	03/04/23 - 04/04/23	ug/m3	0.05	0.16	0.38	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Ethylene Glycol	3/04/2023 - 04/04/202	ug/m3	0.5	7.0	Not Detected	No Standard	Based on NIOSH, 5523	-	Bangkok
Hexane	03/04/23 - 04/04/23	ug/m3	0.60	1.76	Not Detected	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Propene (Propylene)	03/04/23 - 04/04/23	ug/m3	0.30	0.86	0.93	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Toluene	03/04/23 - 04/04/23	ug/m3	0.60	1.88	<1.88	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009)

Note : - Ban Map Ta Phut Community station has moderate traffic, Normal activity, Clear sky, Nearby School and Community

Sampled By : Wichan Choonharat

Remark :

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

Approved by

Tanyatom Mongkijirawat
Supervisor

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150

P/O : 4503136460

Project Name : Environmental Quality Monitoring

Project Location :

Lot ID: 2336709

Date Received : Apr 04, 2023

Date Reported : Apr 11, 2023

Report Number : 2610629-1CS

Page 2 of 3

Sample Number 2336709-2
Sampled Date Apr 03, 2023
Sample Description Air Quality
Location ตำบลนาเกลือ (GPS 47P 0723821, 1403299)
Date Analysis Commenced Apr 05, 2023
Condition of Sample Drawn into one 6-L Canister, one sorbent tube, refrigerated
Barometric Pressure 756 mmHg
Atmospheric Temperature 32.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,4-Dichlorobenzene	03/04/23 - 04/04/23	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	03/04/23 - 04/04/23	ug/m3	0.05	0.16	0.32	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Ethylene Glycol	3/04/2023 - 04/04/202	ug/m3	0.5	7.0	Not Detected	No Standard	Based on NIOSH, 5523	-	Bangkok
Hexane	03/04/23 - 04/04/23	ug/m3	0.60	1.76	Not Detected	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Propene (Propylene)	03/04/23 - 04/04/23	ug/m3	0.30	0.86	<0.86	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Toluene	03/04/23 - 04/04/23	ug/m3	0.60	1.88	Not Detected	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009)

Note : Ban Nong Fab School station has moderate traffic Normal activity, Clear sky, Nearby School, Temple and Community

Sampled By : Wichan Choonharat

Remark :

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

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Approved by

Tanyatorm Mongkornjirawat
Supervisor

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150

P/O : 4503136460

Project Name : Environmental Quality Monitoring

Project Location :

Lot ID: 2336709

Date Received : Apr 04, 2023

Date Reported : Apr 11, 2023

Report Number : 2610629-1CS

Page 3 of 3

Sample Number 2336709-3
Sampled Date Apr 03, 2023
Sample Description Air Quality
Location สถานีนาเกลือฯ (GPS 47P 0735207, 1405888)
Date Analysis Commenced Apr 05, 2023
Condition of Sample Drawn into one 6-L Canister, one sorbent tube, refrigerated
Barometric Pressure 756 mmHg
Atmospheric Temperature 32.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,4-Dichlorobenzene	03/04/23 - 04/04/23	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	03/04/23 - 04/04/23	ug/m3	0.05	0.16	0.70	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Ethylene Glycol	3/04/2023 - 04/04/202	ug/m3	0.5	7.0	Not Detected	No Standard	Based on NIOSH, 5523	-	Bangkok
Hexane	03/04/23 - 04/04/23	ug/m3	0.60	1.76	Not Detected	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Propene (Propylene)	03/04/23 - 04/04/23	ug/m3	0.30	0.86	<0.86	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Toluene	03/04/23 - 04/04/23	ug/m3	0.60	1.88	<1.88	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009)

Note : Map Ta Phut Public Health Center station has moderate traffic Normal activity, Clear sky, Nearby Community

Sampled By : Wichan Choonharat

Remark :

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

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Approved by

Tanyatorm Mongkornjirawat
Supervisor

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O : 4503136460

Project Name : Environmental Quality Monitoring

Project Location :

Lot ID: 2348011

Date Received : May 06, 2023

Date Reported : May 17, 2023

Report Number : 2635877-1CS

Page 1 of 3

Sample Number 2348011-1
Sample Date May 05, 2023
Sample Description Air Quality
Location บ้านนาเกลือ (GPS 47P 0735350, 1406704)
Date Analysis Commenced May 09, 2023
Condition of Sample Drawn into one 6-L Canister, one sorbent tube and one amber plastic bottle, refrigerated
Barometric Pressure 756 mmHg
Atmospheric Temperature 34.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,4-Dichlorobenzene	05/05/23 - 06/05/23	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	05/05/23 - 06/05/23	ug/m3	0.05	0.16	1.02	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Ethylene Glycol	05/05/23 - 06/05/23	ug/m3	0.5	7.0	Not Detected	No Standard	Based on NIOSH 5523	-	Bangkok
Hexane	05/05/23 - 06/05/23	ug/m3	0.60	1.76	3.03	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Propene (Propylene)	05/05/23 - 06/05/23	ug/m3	0.30	0.86	3.51	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Toluene	05/05/23 - 06/05/23	ug/m3	0.60	1.88	2.34	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009)

Note : - Ban Map Ta Phut Community station has moderate traffic/Normal activity, Clear sky, Nearby School and Community

Sampled By : Chatchai Sukpa

Remark :

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

Approved by

Tanyatorm Mongkollirawut
Supervisor

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O : 4503136460

Project Name : Environmental Quality Monitoring

Project Location :

Lot ID: 2348011

Date Received : May 06, 2023

Date Reported : May 17, 2023

Report Number : 2635877-1CS

Page 2 of 3

Sample Number 2348011-2
Sample Date May 05, 2023
Sample Description Air Quality
Location บ้านนาเกลือ (GPS 47P 0723821, 1403299)
Date Analysis Commenced May 09, 2023
Condition of Sample Drawn into one 6-L Canister, one sorbent tube and one amber plastic bottle, refrigerated
Barometric Pressure 756 mmHg
Atmospheric Temperature 34.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,4-Dichlorobenzene	05/05/23 - 06/05/23	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	05/05/23 - 06/05/23	ug/m3	0.05	0.16	0.32	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Ethylene Glycol	05/05/23 - 06/05/23	ug/m3	0.5	7.0	Not Detected	No Standard	Based on NIOSH 5523	-	Bangkok
Hexane	05/05/23 - 06/05/23	ug/m3	0.60	1.76	Not Detected	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Propene (Propylene)	05/05/23 - 06/05/23	ug/m3	0.30	0.86	<0.86	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Toluene	05/05/23 - 06/05/23	ug/m3	0.60	1.88	Not Detected	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009)

Note : - Ban Nong Fab School station has moderate traffic/Normal activity, Clear sky, Nearby School, Temple and Community

Sampled By : Chatchai Sukpa

Remark :

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

Approved by

Tanyatorm Mongkollirawut
Supervisor

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O : 4503136460

Project Name : Environmental Quality Monitoring

Project Location :

Lot ID: 2348011

Date Received : May 06, 2023

Date Reported : May 17, 2023

Report Number : 2635877-ICS

Page 3 of 3

Sample Number	2348011-3
Sample Date	May 05, 2023
Sample Description	Air Quality
Location	ท่าเรืออุตสาหกรรม (GPS 47P 0735207, 1405888)
Date Analysis Commenced	May 09, 2023
Condition of Sample	Drawn into one 6-L Canister, one sorbent tube and one amber plastic bottle, refrigerated
Barometric Pressure	756 mmHg
Atmospheric Temperature	34.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,4-Dichlorobenzene	05/05/23 - 06/05/23	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	05/05/23 - 06/05/23	ug/m3	0.05	0.16	0.96	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Ethylene Glycol	05/05/23 - 06/05/23	ug/m3	0.5	7.0	Not Detected	No Standard	Based on NIOSH, 5523	-	Bangkok
Hexane	05/05/23 - 06/05/23	ug/m3	0.60	1.76	<1.76	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Propene (Propylene)	05/05/23 - 06/05/23	ug/m3	0.30	0.86	4.10	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Toluene	05/05/23 - 06/05/23	ug/m3	0.60	1.88	2.04	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009)

Note : - Map Ta Phut Public Health Center station has moderate traffic, Normal activity, Clear sky, Nearby Community

Sampled By : Chatchai Sukpa

Remark :

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

Approved by

Tanyalom Mongkoljirawut

Supervisor

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O : 4503136460

Project Name : Environmental Quality Monitoring

Project Location :

Lot ID: 2362484

Date Received : Jun 07, 2023

Date Reported : Jun 14, 2023

Report Number : 2667211-ICS

Page 1 of 3

Sample Number	2362484-1
Sample Date	Jun 06, 2023
Sample Description	Air Quality
Location	ท่าเรืออุตสาหกรรม (GPS 47P 0735350, 1406704)
Date Analysis Commenced	Jun 08, 2023
Condition of Sample	Drawn into one 6-L Canister and two sorbent tubes, refrigerated
Barometric Pressure	756 mmHg
Atmospheric Temperature	31.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,4-Dichlorobenzene	06/07/23 - 07/06/23	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	06/07/23 - 07/06/23	ug/m3	0.05	0.16	1.92	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Ethylene Glycol	06/06/23 - 07/06/23	ug/m3	0.5	7.0	Not Detected	No Standard	Based on NIOSH, 5523	-	Bangkok
Hexane	06/07/23 - 07/06/23	ug/m3	0.60	1.76	1.90	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Propene (Propylene)	06/07/23 - 07/06/23	ug/m3	0.30	0.86	20.86	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Toluene	06/07/23 - 07/06/23	ug/m3	0.60	1.88	2.60	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009)

Note : - Ban Map Ta Phut Community station has moderate traffic, Normal activity, Cloudy with light to moderate rain, Nearby School and Community

Sampled By : Suphachai Wongsurichai

Remark :

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

Approved by

Dej Changchon

Senior Manager

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150

P/O : 4503136460

Project Name : Environmental Quality Monitoring

Project Location :

Lot ID: 2362484

Date Received : Jun 07, 2023

Date Reported : Jun 14, 2023

Report Number : 2667211-ICS

Page: 2 of 3

Sample Number	2362484-2
Sampled Date	Jun 06, 2023
Sample Description	Air Quality
Location	ท่าเรืออุตสาหกรรมมาบตาพุด (GPS 47P 0723821, 1403299)
Date Analysis Commenced	Jun 08, 2023
Condition of Sample	Drawn into one 6-L Canister and two sorbent tubes, refrigerated
Barometric Pressure	756 mmHg
Atmospheric Temperature	31.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,4-Dichlorobenzene	06/07/23 - 07/06/23	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	06/07/23 - 07/06/23	ug/m3	0.05	0.16	<0.16	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Ethylene Glycol	06/06/23 - 07/06/23	ug/m3	0.5	7.0	Not Detected	No Standard	Based on NIOSH, 5523	-	Bangkok
Hexane	06/07/23 - 07/06/23	ug/m3	0.60	1.76	Not Detected	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Propene (Propylene)	06/07/23 - 07/06/23	ug/m3	0.30	0.86	Not Detected	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Toluene	06/07/23 - 07/06/23	ug/m3	0.60	1.88	Not Detected	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009)

Note : - Ban Nong Fab School station has moderate traffic, Normal activity, Cloudy with light to moderate rain, Nearby School, temple and Community

Sampled By : Suphachai Wongsurichai

Remark :

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

Approved by

D. Juman

Dej Changchon
Senior Manager

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150

P/O : 4503136460

Project Name : Environmental Quality Monitoring

Project Location :

Lot ID: 2362484

Date Received : Jun 07, 2023

Date Reported : Jun 14, 2023

Report Number : 2667211-ICS

Page: 3 of 3

Sample Number	2362484-3
Sampled Date	Jun 06, 2023
Sample Description	Air Quality
Location	ท่าเรืออุตสาหกรรมมาบตาพุด (GPS 47P 0735207, 1405888)
Date Analysis Commenced	Jun 08, 2023
Condition of Sample	Drawn into one 6-L Canister and two sorbent tubes, refrigerated
Barometric Pressure	756 mmHg
Atmospheric Temperature	31.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,4-Dichlorobenzene	06/07/23 - 07/06/23	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	06/07/23 - 07/06/23	ug/m3	0.05	0.16	1.15	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Ethylene Glycol	06/06/23 - 07/06/23	ug/m3	0.5	7.0	Not Detected	No Standard	Based on NIOSH, 5523	-	Bangkok
Hexane	06/07/23 - 07/06/23	ug/m3	0.60	1.76	1.90	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Propene (Propylene)	06/07/23 - 07/06/23	ug/m3	0.30	0.86	2.31	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong
Toluene	06/07/23 - 07/06/23	ug/m3	0.60	1.88	2.34	No Standard	Based on US EPA Compendium Method, TO-15	-	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009)

Note : - Map Ta Phut Public Health Center station has moderate traffic, Normal activity, Cloudy with light to moderate rain, Nearby Temple and Community

Sampled By : Suphachai Wongsurichai

Remark :

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

Approved by

D. Juman

Dej Changchon
Senior Manager

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O:

Project Name : Environmental Quality Monitoring

Project Location : Map Ta Phut PE (SPE)

22155347-1

Wind Speed / Wind Direction

สถานีอนามัยน่านตาพุด (GPS 47P 0735207, 1405888)

Jan 03 - Jan 04, 2023

Natthawut Duangpang

Time		Jan 03 - Jan 04, 2023							
WS (m/s)	WD (deg)								
10:00 AM - 11:00 AM	1.2 45.0 NE	-	-	-	-	-	-	-	-
11:00 AM - 12:00 PM	1.3 306.0 NW	-	-	-	-	-	-	-	-
12:00 PM - 01:00 PM	2.0 30.0 NNE	-	-	-	-	-	-	-	-
01:00 PM - 02:00 PM	2.7 166.0 SSE	-	-	-	-	-	-	-	-
02:00 PM - 03:00 PM	1.1 104.0 ESE	-	-	-	-	-	-	-	-
03:00 PM - 04:00 PM	1.2 122.0 ESE	-	-	-	-	-	-	-	-
04:00 PM - 05:00 PM	0.9 62.0 ENE	-	-	-	-	-	-	-	-
05:00 PM - 06:00 PM	0.7 27.0 NNE	-	-	-	-	-	-	-	-
06:00 PM - 07:00 PM	0.9 353.0 N	-	-	-	-	-	-	-	-
07:00 PM - 08:00 PM	1.5 359.0 N	-	-	-	-	-	-	-	-
08:00 PM - 09:00 PM	2.0 359.0 N	-	-	-	-	-	-	-	-
09:00 PM - 10:00 PM	0.7 358.0 N	-	-	-	-	-	-	-	-
10:00 PM - 11:00 PM	0.4 344.0 NNW	-	-	-	-	-	-	-	-
11:00 PM - 12:00 AM	1.9 346.0 NNW	-	-	-	-	-	-	-	-
12:00 AM - 01:00 AM	0.8 20.0 NNE	-	-	-	-	-	-	-	-
01:00 AM - 02:00 AM	1.5 359.0 N	-	-	-	-	-	-	-	-
02:00 AM - 03:00 AM	1.5 359.0 N	-	-	-	-	-	-	-	-
03:00 AM - 04:00 AM	1.8 346.0 NNW	-	-	-	-	-	-	-	-
04:00 AM - 05:00 AM	2.8 336.0 NNW	-	-	-	-	-	-	-	-
05:00 AM - 06:00 AM	1.7 359.0 N	-	-	-	-	-	-	-	-
06:00 AM - 07:00 AM	2.2 347.0 NNW	-	-	-	-	-	-	-	-
07:00 AM - 08:00 AM	1.9 344.0 NNW	-	-	-	-	-	-	-	-
08:00 AM - 09:00 AM	1.8 306.0 NW	-	-	-	-	-	-	-	-
09:00 AM - 10:00 AM	1.5 353.0 N	-	-	-	-	-	-	-	-

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Assistant General Manager

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Consistent with the literature, the

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Assistant General Manager

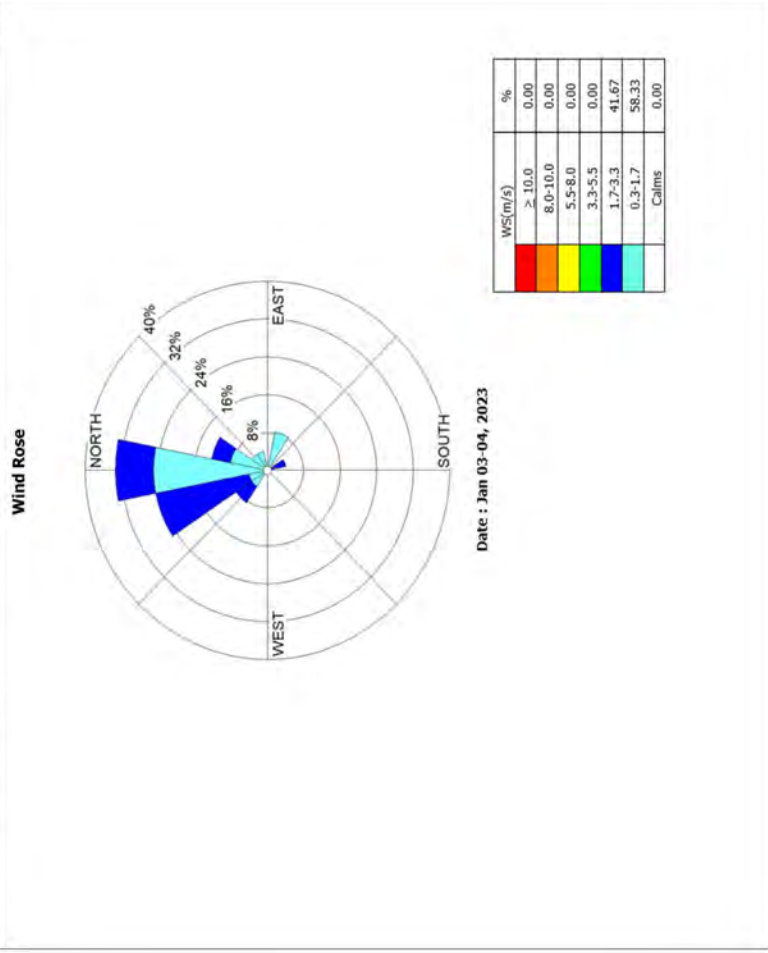
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Page 2 of 2

Date : Jan 03-04, 2023

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Consistent with the literature, the

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Assistant General Manager

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1.1704 Sedimentation

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8. Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O : 4514154868

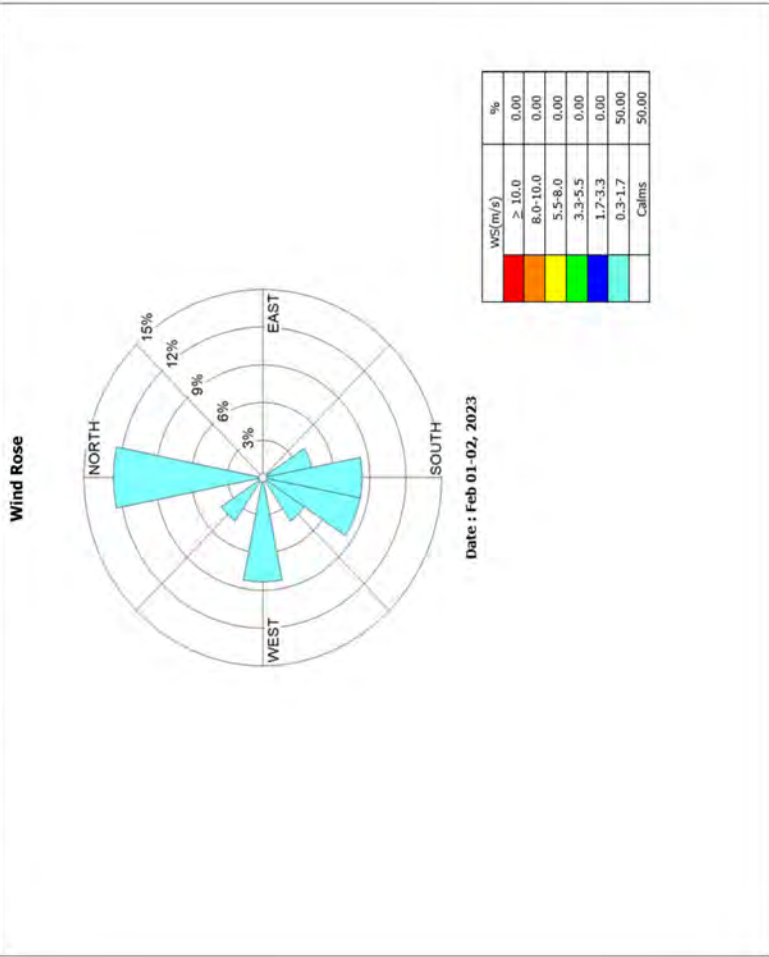
Project Name : Environmental Quality Monitoring

Project Location : Map Ta Phut PE (SPE)

Wind Kose

Location
สถานีอนามัยแม่และเด็ก (GPS 47P 0735207, 1405888)

Feb 01 - Feb 02, 2023

Sampling by
Sawai Tonpho

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Approved by

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8. Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150

P/O: 4514154868

Project Name : Environmental Quality Monitoring

Project Location : Map Ta Phut PE (SPE)

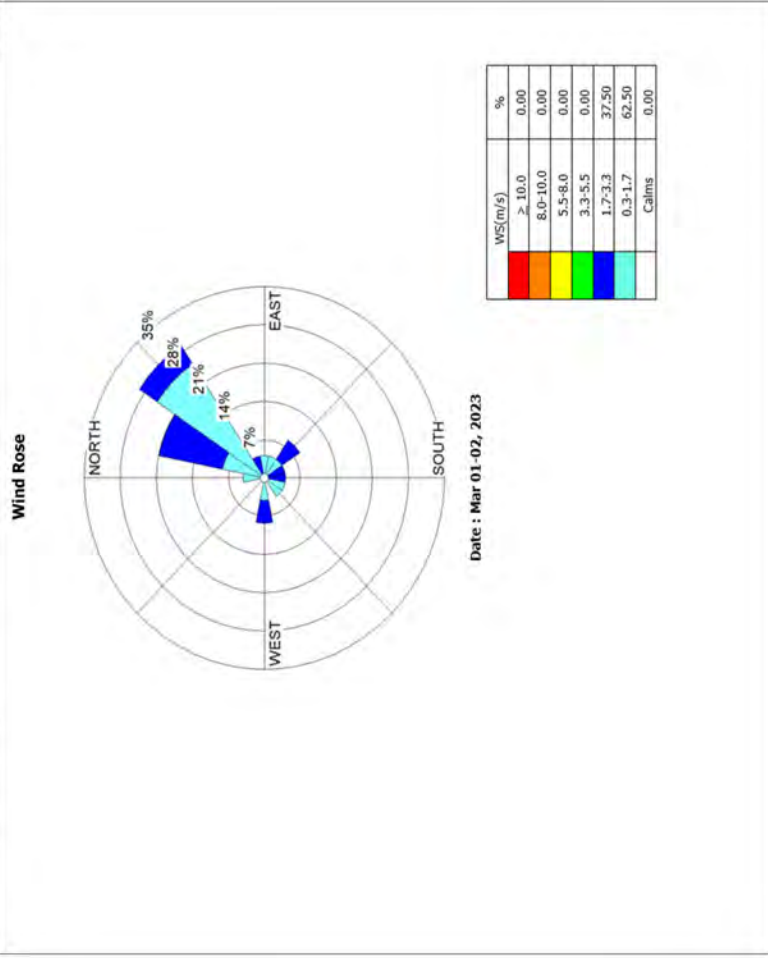
Wind Rose

Wind Speed / Wind Direction

สถานีวิทยุสนามหลวง (GPS 47P 0735207, 1405888)

Mar 01 - Mar 02, 2023

Saknarin Jaraskay



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Approved by _____

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SILIC BIOPRODUCTS CO. LTD. 80, B15, United Commercial

Winn Sediments

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Analysis / Test Report

Client : Sam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID : 2336710
Date Received : Apr 04, 2023
Date Reported : Apr 07, 2023
Report Number : 2610638-1

Page 1 of 2

Sample Number : 2336710-1
Parameter : Wind Speed / Wind Direction
Location : สถานีวัดคุณภาพ (GPS 47P 0735207, 1405888)
Sampling Date : Apr 03 - Apr 04, 2023
Sampling by : Surasak Sachin

Time	Apr 03 - Apr 04, 2023																			
	WS (m/s)	WD (deg)																		
12:00 PM - 01:00 PM	4.3	212.0	SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
01:00 PM - 02:00 PM	4.1	196.0	SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02:00 PM - 03:00 PM	3.7	166.0	SSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03:00 PM - 04:00 PM	2.1	197.0	SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04:00 PM - 05:00 PM	1.0	180.0	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05:00 PM - 06:00 PM	2.3	151.0	SSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06:00 PM - 07:00 PM	1.9	189.0	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07:00 PM - 08:00 PM	2.1	158.0	SSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08:00 PM - 09:00 PM	1.0	85.0	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09:00 PM - 10:00 PM	2.2	165.0	SSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00 PM - 11:00 PM	2.6	140.0	SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 PM - 12:00 AM	2.1	176.0	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 AM - 01:00 AM	0.4	252.0	WSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
01:00 AM - 02:00 AM	1.4	190.0	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02:00 AM - 03:00 AM	0.7	169.0	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03:00 AM - 04:00 AM	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04:00 AM - 05:00 AM	0.6	182.0	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05:00 AM - 06:00 AM	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06:00 AM - 07:00 AM	2.2	163.0	SSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07:00 AM - 08:00 AM	3.0	131.0	SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08:00 AM - 09:00 AM	2.2	169.0	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09:00 AM - 10:00 AM	4.3	136.0	SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00 AM - 11:00 AM	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM - 12:00 PM	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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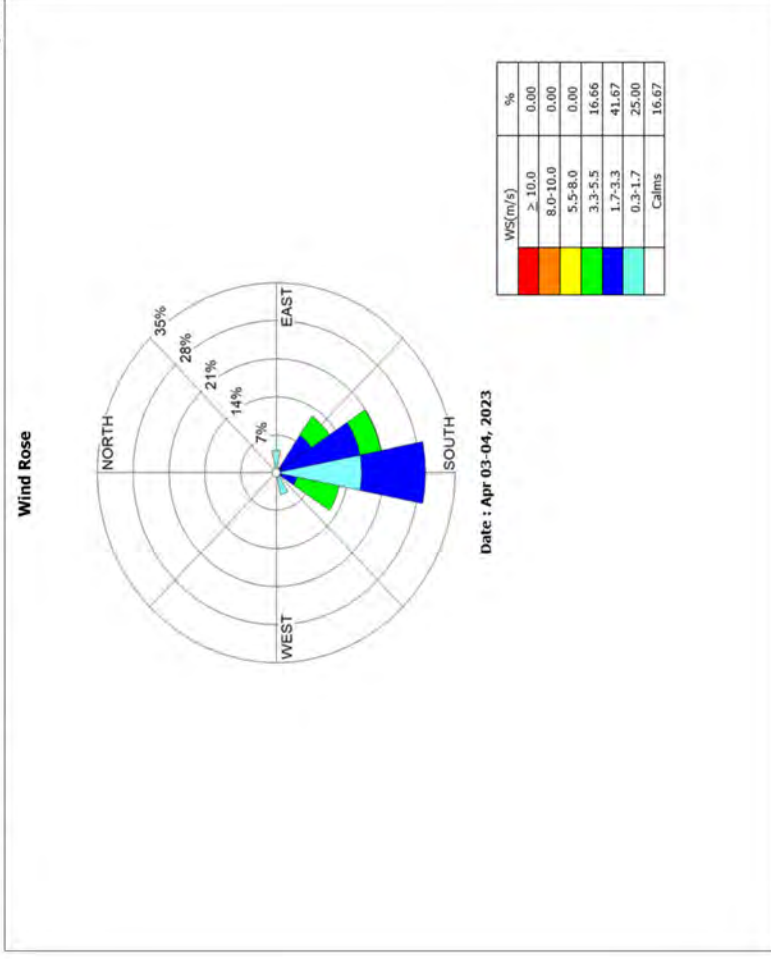


Analysis / Test Report

Client : Sam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID : 2336710
Date Received : Apr 04, 2023
Date Reported : Apr 07, 2023
Report Number : 2610638-1

Page 2 of 2



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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O: 4514154868

Project Name : Environmental Quality Monitoring

Project Location : Map Ta Phut PE (SPE)

2348023-1

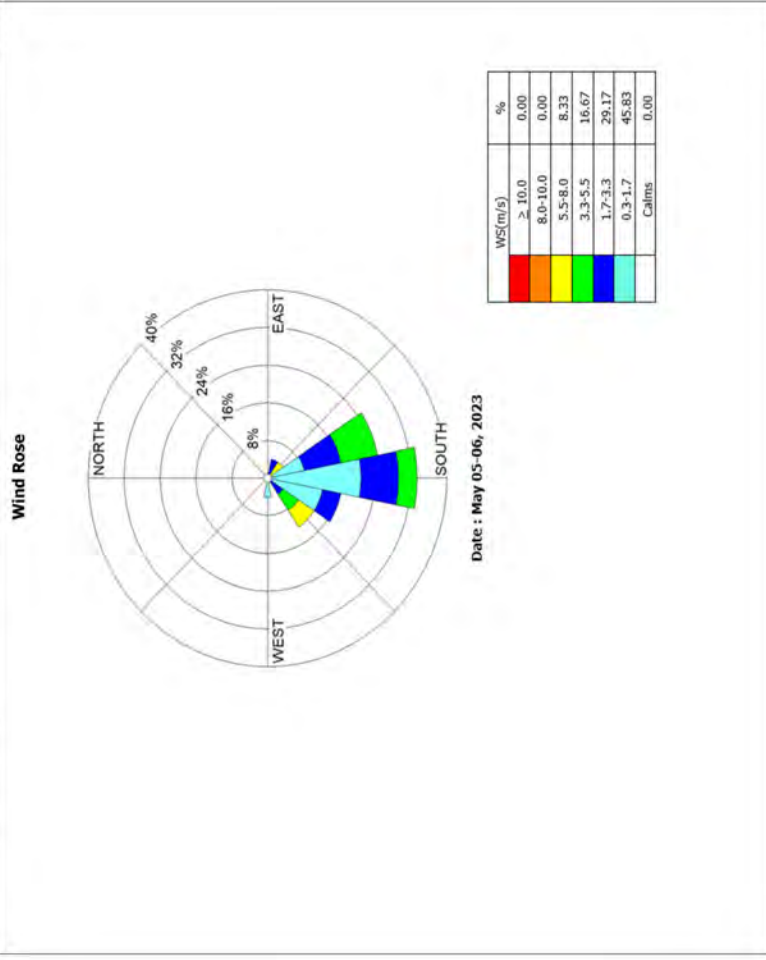
Wind Speed / Wind Direction

สำนักงานพัฒนาพิภพ (GPS 47P 0735207, 1405888)

May 05 - May 06, 2023

Chatchai Sukpola

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Case study: The Tithecock

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O: 4514154868

Project Name : Environmental Quality Monitoring

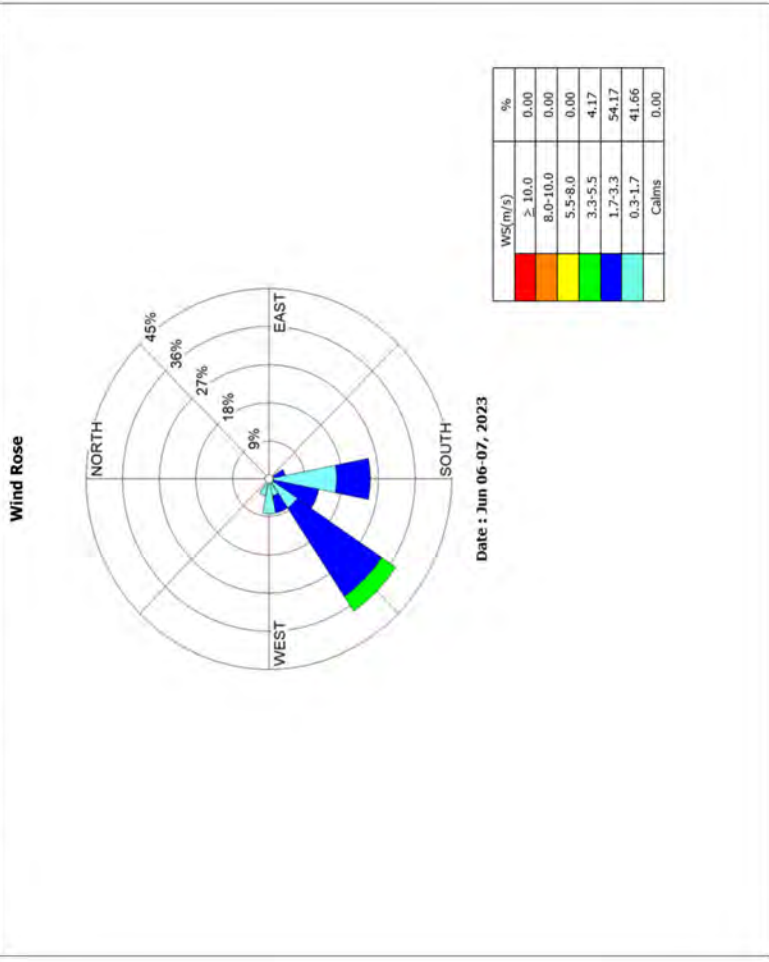
Project Location : Map Ta Phut PE (SPE)

Wind Kose

สถาบันอนามัยมาบตาพุด (GPS 47P 0735207, 1405888)

Jun 06 - Jun 07, 2023

Suphachai Wongsurichai



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Answered by:

1

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คุณภาพอากาศในสถานประกอบการ



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321094
Date Received : Mar 17, 2023
Date Reported : Mar 28, 2023
Report Number : 2576969-1

Page 1 of 6

Sample Number	2321094-1								
Sampled Date	Mar 16, 2023								
Sample Description	Air Quality								
Location	Spin Dryer 1								
Date Analysis Commenced	Mar 20, 2023								
Condition of Sample	Drawn into one sorbent tube, refrigerated								
Barometric Pressure	757 mmHg								
Atmospheric Temperature	32.0 °C								
Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline Location	
Air Testing									
n-Octane	10:00 AM - 12:00 PM	ppm	-	0.10	<0.10	500	NIOSH (1994), 1500	MOL	Bangkok

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

Remark :

- LOD : Limit of Detection
- %^u : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321094
Date Received : Mar 17, 2023
Date Reported : Mar 28, 2023
Report Number : 2576969-1

Page 2 of 6

Sample Number	2321094-2								
Sampled Date	Mar 16, 2023								
Sample Description	Air Quality								
Location	Pelletizer 1								
Date Analysis Commenced	Mar 20, 2023								
Condition of Sample	Drawn into one sorbent tube, refrigerated								
Barometric Pressure	757 mmHg								
Atmospheric Temperature	32.0 °C								
Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
n-Octane	10:00 AM - 12:00 PM	ppm	-	0.10	<0.10	500	NIOSH (1994), 1500	MOL	Bangkok

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

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321094
Date Received : Mar 17, 2023
Date Reported : Mar 28, 2023
Report Number : 2576969-1

Page 3 of 6

Sample Number	2321094-3						
Sampled Date	Mar 16, 2023						
Sample Description	Air Quality						
Location	Hold Up Hopper 1						
Date Analysis Commenced	Mar 20, 2023						
Condition of Sample	Drawn into one sorbent tube, refrigerated						
Barometric Pressure	757 mmHg						
Atmospheric Temperature	32.0 °C						
Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method
Air Testing							
n-Octane	10:00 AM - 12:00 PM	ppm	-	0.10	<0.10	500	NIOSH (1994), 1500
							MOL
							Bangkok

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

Remark :

- LOD : Limit of Detection
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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321094
Date Received : Mar 17, 2023
Date Reported : Mar 28, 2023
Report Number : 2576969-1

Page 4 of 6

Sample Number	2321094-4						
Sampled Date	Mar 16, 2023						
Sample Description	Air Quality						
Location	Spin Dryer 2						
Date Analysis Commenced	Mar 20, 2023						
Condition of Sample	Drawn into one sorbent tube, refrigerated						
Barometric Pressure	757 mmHg						
Atmospheric Temperature	32.0 °C						
Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method
Air Testing							
n-Octane	10:00 AM - 12:00 PM	ppm	-	0.10	<0.10	500	NIOSH (1994), 1500
							MOL
							Bangkok

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

Remark :

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

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321094
Date Received : Mar 17, 2023
Date Reported : Mar 28, 2023
Report Number : 2576969-1

Page 5 of 6

Sample Number	2321094-5									
Sampled Date	Mar 16, 2023									
Sample Description	Air Quality									
Location	Pelletizer 2									
Date Analysis Commenced	Mar 20, 2023									
Condition of Sample	Drawn into one sorbent tube, refrigerated									
Barometric Pressure	757 mmHg									
Atmospheric Temperature	32.0 °C									
Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location	
Air Testing										
n-Octane	10:00 AM - 12:00 PM	ppm	-	0.10	<0.10	500	NIOSH (1994), 1500	MOL	Bangkok	

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

Remark :

- LOD : Limit of Detection
- %^u : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321094
Date Received : Mar 17, 2023
Date Reported : Mar 28, 2023
Report Number : 2576969-1

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Sample Number	2321094-6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
Sampled By : Saknarin Jaraskay

Remark :

- LOD : Limit of Detection
- %^u : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2348304
Date Received : May 29, 2023
Date Reported : Jun 09, 2023
Report Number : 2636605-1

Page 1 of 6

Sample Number 2348304-1
Sampled Date May 26, 2023
Sample Description Air Quality
Location Spin Dryer 1
Date Analysis Commenced May 30, 2023
Condition of Sample Drawn into one sorbent tube, refrigerated
Barometric Pressure 758 mmHg
Atmospheric Temperature 32.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline Testing Location
Air Testing								
n-Octane	10:00 AM - 12:00 PM	ppm	-	0.10	<0.10	500	NIOSH (1994), 1500	MOL Bangkok

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

Sampled By : Tinnakorn Kulchart

Remark :

- LOD : Limit of Detection
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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2348304
Date Received : May 29, 2023
Date Reported : Jun 09, 2023
Report Number : 2636605-1

Page 2 of 6

Sample Number 2348304-2
Sampled Date May 26, 2023
Sample Description Air Quality
Location Pelletizer 1
Date Analysis Commenced May 30, 2023
Condition of Sample Drawn into one sorbent tube, refrigerated
Barometric Pressure 758 mmHg
Atmospheric Temperature 32.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline Testing Location
Air Testing								
n-Octane	09:50 AM - 11:50 AM	ppm	-	0.10	<0.10	500	NIOSH (1994), 1500	MOL Bangkok

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

Sampled By : Tinnakorn Kulchart

Remark :

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O : 4514154868

Project Name : Environmental Quality Monitoring

Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2348304

Date Received : May 29, 2023

Date Reported : Jun 09, 2023

Report Number : 2636605-1

Page 3 of 6

Sample Number	2348304-3
Sampled Date	May 26, 2023
Sample Description	Air Quality
Location	Hold Up Hopper 1
Date Analysis Commenced	May 30, 2023
Condition of Sample	Drawn into one sorbent tube, refrigerated
Barometric Pressure	758 mmHg
Atmospheric Temperature	32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline Testing Location
Air Testing								
n-Octane	09:55 AM - 11:55 AM	ppm	-	0.10	<0.10	500	NIOSH (1994), 1500	MOL Bangkok

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

Sampled By : Tinnakorn Kulchart

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O : 4514154868

Project Name : Environmental Quality Monitoring

Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2348304

Date Received : May 29, 2023

Date Reported : Jun 09, 2023

Report Number : 2636605-1

Page 4 of 6

Sample Number	2348304-4
Sampled Date	May 26, 2023
Sample Description	Air Quality
Location	Spin Dryer 2
Date Analysis Commenced	May 30, 2023
Condition of Sample	Drawn into one sorbent tube, refrigerated
Barometric Pressure	758 mmHg
Atmospheric Temperature	32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline Testing Location
Air Testing								
n-Octane	09:40 AM - 11:40 PM	ppm	-	0.10	<0.10	500	NIOSH (1994), 1500	MOL Bangkok

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

Sampled By : Tinnakorn Kulchart

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2348304
Date Received : May 29, 2023
Date Reported : Jun 09, 2023
Report Number : 2636605-1

Page 5 of 6

Sample Number 2348304-5
Sampled Date May 26, 2023
Sample Description Air Quality
Location Pelletizer 2
Date Analysis Commenced May 30, 2023
Condition of Sample Drawn into one sorbent tube, refrigerated
Barometric Pressure 758 mmHg
Atmospheric Temperature 32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline Testing Location
Air Testing								
n-Octane	09:30 AM - 11:30 AM	ppm	-	0.10	<0.10	500	NIOSH (1994), 1500	MOL Bangkok

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

Sampled By : Tinnakorn Kulchart

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- LOD : Limit of Detection
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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2348304
Date Received : May 29, 2023
Date Reported : Jun 09, 2023
Report Number : 2636605-1

Page 6 of 6

Sample Number 2348304-6
Sampled Date May 26, 2023
Sample Description Air Quality
Location Hold Up Hopper 2
Date Analysis Commenced May 30, 2023
Condition of Sample Drawn into one sorbent tube, refrigerated
Barometric Pressure 758 mmHg
Atmospheric Temperature 32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline Testing Location
Air Testing								
n-Octane	09:35 AM - 11:35 AM	ppm	-	0.10	<0.10	500	NIOSH (1994), 1500	MOL Bangkok

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

Sampled By : Tinnakorn Kulchart

Remark :

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

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ภาคผนวก ค-5

ระดับเสียงโดยทั่วไป และระดับเสียงพื้นฐาน



TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 20, 2023
Report Number: 2676419-1 Rev. No.1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Sample Number : 2321112-1
Parameter : Noise (Leq 24 hrs.)
Location : บริเวณด้านหน้าเขตพัฒนาอสังหาริมทรัพย์ (GPS 47P 0734090, 1404555)
Measurement Date : May 25 - May 26, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	65.2	74.7	64.0
10:00 AM - 11:00 AM	65.1	73.9	64.1
11:00 AM - 12:00 PM	64.8	71.7	63.7
12:00 PM - 01:00 PM	64.7	70.4	63.6
01:00 PM - 02:00 PM	65.0	77.8	63.7
02:00 PM - 03:00 PM	64.9	75.5	63.8
03:00 PM - 04:00 PM	64.6	71.0	63.7
04:00 PM - 05:00 PM	64.1	76.0	62.9
05:00 PM - 06:00 PM	63.3	72.5	62.7
06:00 PM - 07:00 PM	63.4	73.8	62.8
07:00 PM - 08:00 PM	63.7	73.4	63.1
08:00 PM - 09:00 PM	64.3	70.9	63.8
09:00 PM - 10:00 PM	65.0	70.7	63.9
10:00 PM - 11:00 PM	65.5	75.3	64.3
11:00 PM - 12:00 AM	65.5	73.7	64.3
12:00 AM - 01:00 AM	65.6	74.7	64.4
01:00 AM - 02:00 AM	65.7	71.5	64.4
02:00 AM - 03:00 AM	65.3	72.8	64.1
03:00 AM - 04:00 AM	64.7	72.0	64.0
04:00 AM - 05:00 AM	65.2	73.4	64.0
05:00 AM - 06:00 AM	65.0	72.0	64.3
06:00 AM - 07:00 AM	64.3	76.0	63.5
07:00 AM - 08:00 AM	64.2	71.2	63.5
08:00 AM - 09:00 AM	63.9	75.6	63.3

Leq Average 24 hrs. (dB(A)) : 64.8

Lmax (dB(A)) : 77.8

L90 (dB(A)) : 63.8

Ldn (dB(A)) : 71.5

Standard (dB(A)) : 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ใช้นิยามการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป
2. ใช้นิยามการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป

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

Note : This Analysis test report is reissued to supersede report No.2676419-1, Date Reported : Jun 08, 2023 due to revise analytical information.

Tharitak.

Approved by

Thanita Kulsriwong
Scientist (4)

Supot Salameeth
Section Head

Life Sciences

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S:\Reports_Air Noise.rpt (3.41PM)



TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 20, 2023
Report Number: 2676420-1 Rev. No.1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Sample Number : 2321112-2
Parameter : Noise (Leq 24 hrs.)
Location : บริเวณด้านหน้าเขตพัฒนาอสังหาริมทรัพย์ (GPS 47P 0734090, 1404555)
Measurement Date : May 26 - May 27, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	64.1	74.9	63.5
10:00 AM - 11:00 AM	63.5	74.2	62.8
11:00 AM - 12:00 PM	63.2	69.5	62.6
12:00 PM - 01:00 PM	63.7	77.1	63.1
01:00 PM - 02:00 PM	62.8	71.6	62.1
02:00 PM - 03:00 PM	63.4	70.7	62.7
03:00 PM - 04:00 PM	62.9	71.1	62.4
04:00 PM - 05:00 PM	63.1	74.6	62.4
05:00 PM - 06:00 PM	63.4	67.8	62.7
06:00 PM - 07:00 PM	64.1	67.7	63.4
07:00 PM - 08:00 PM	63.8	78.5	63.1
08:00 PM - 09:00 PM	63.8	74.3	63.1
09:00 PM - 10:00 PM	63.7	73.5	63.0
10:00 PM - 11:00 PM	63.9	73.4	63.2
11:00 PM - 12:00 AM	63.7	74.9	63.0
12:00 AM - 01:00 AM	64.1	75.3	62.8
01:00 AM - 02:00 AM	62.8	74.2	62.3
02:00 AM - 03:00 AM	62.8	73.4	62.3
03:00 AM - 04:00 AM	64.8	101.8	62.6
04:00 AM - 05:00 AM	63.6	67.9	62.9
05:00 AM - 06:00 AM	63.7	70.7	63.0
06:00 AM - 07:00 AM	63.4	78.7	62.7
07:00 AM - 08:00 AM	64.2	85.2	62.7
08:00 AM - 09:00 AM	63.2	72.1	62.6

Leq Average 24 hrs. (dB(A)) : 63.6

Lmax (dB(A)) : 101.8

L90 (dB(A)) : 62.7

Ldn (dB(A)) : 70.1

Standard (dB(A)) : 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ใช้นิยามการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป
2. ใช้นิยามการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป

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

Note : This Analysis test report is reissued to supersede report No.2676420-1, Date Reported : Jun 08, 2023 due to revise analytical information.

Tharitak.

Approved by

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Supot Salameeth
Section Head

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TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 20, 2023
Report Number: 2676421-1 Rev. No.1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Sample Number : 2321112-3
Parameter : Noise (Leq 24 hrs.)
Location : บริเวณรั้วด้านทิศเหนือของโรงงาน (GPS 47P 0734090, 1404555)
Measurement Date : May 27 - May 28, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	63.4	74.7	62.6
10:00 AM - 11:00 AM	62.8	72.0	62.1
11:00 AM - 12:00 PM	62.9	68.7	62.4
12:00 PM - 01:00 PM	64.0	70.3	63.0
01:00 PM - 02:00 PM	63.4	72.4	62.8
02:00 PM - 03:00 PM	63.6	75.2	62.8
03:00 PM - 04:00 PM	63.6	78.9	62.5
04:00 PM - 05:00 PM	63.7	69.8	63.0
05:00 PM - 06:00 PM	64.3	77.6	62.9
06:00 PM - 07:00 PM	63.1	73.4	62.2
07:00 PM - 08:00 PM	63.4	68.3	62.5
08:00 PM - 09:00 PM	63.2	71.7	62.5
09:00 PM - 10:00 PM	63.2	69.8	62.5
10:00 PM - 11:00 PM	63.2	70.4	62.5
11:00 PM - 12:00 AM	63.4	70.5	62.7
12:00 AM - 01:00 AM	62.9	68.9	62.3
01:00 AM - 02:00 AM	63.2	71.2	62.6
02:00 AM - 03:00 AM	63.1	67.4	62.6
03:00 AM - 04:00 AM	65.5	106.1	63.5
04:00 AM - 05:00 AM	68.9	82.2	63.9
05:00 AM - 06:00 AM	63.9	79.1	63.1
06:00 AM - 07:00 AM	63.6	71.7	63.0
07:00 AM - 08:00 AM	64.2	86.1	62.7
08:00 AM - 09:00 AM	63.2	74.0	62.3
Leq Average 24 hrs. (dB(A))	64.0		
Lmax (dB(A))	106.1		
L90 (dB(A))			62.6
Ldn (dB(A))	70.9		
Standard (dB(A))	70		

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ใช้นิยามการวัดระดับความดังเสียงตามเกณฑ์ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ใช้นิยามการวัดค่าความดังเสียงตามเกณฑ์ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป
โดยมี พ.ร.บ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.
Note : This Analysis test report is reissued to supersede report No.2676421-1, Date Reported : Jun 08, 2023 due to revise analytical information.

Tharitak.

Approved by

Thanita Kulsriwong
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Supot Salameeth
Section Head

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TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 20, 2023
Report Number: 2676422-1 Rev. No.1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Sample Number : 2321112-4
Parameter : Noise (Leq 24 hrs.)
Location : บริเวณรั้วด้านทิศเหนือของโรงงาน (GPS 47P 0734090, 1404555)
Measurement Date : May 28 - May 29, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	63.6	73.5	62.9
10:00 AM - 11:00 AM	63.3	76.6	62.6
11:00 AM - 12:00 PM	63.0	70.4	62.5
12:00 PM - 01:00 PM	63.0	70.4	62.5
01:00 PM - 02:00 PM	63.4	77.5	62.7
02:00 PM - 03:00 PM	62.7	69.9	62.1
03:00 PM - 04:00 PM	62.6	69.1	62.0
04:00 PM - 05:00 PM	63.0	69.7	62.4
05:00 PM - 06:00 PM	62.9	71.6	62.3
06:00 PM - 07:00 PM	62.2	74.4	61.8
07:00 PM - 08:00 PM	62.2	67.7	61.9
08:00 PM - 09:00 PM	62.4	74.0	62.1
09:00 PM - 10:00 PM	63.0	75.2	62.5
10:00 PM - 11:00 PM	63.4	67.0	62.8
11:00 PM - 12:00 AM	63.5	76.6	63.0
12:00 AM - 01:00 AM	64.5	95.8	63.4
01:00 AM - 02:00 AM	64.3	76.6	63.6
02:00 AM - 03:00 AM	64.3	71.8	63.7
03:00 AM - 04:00 AM	64.8	70.4	64.3
04:00 AM - 05:00 AM	64.5	70.4	64.0
05:00 AM - 06:00 AM	64.3	74.5	63.8
06:00 AM - 07:00 AM	66.0	76.7	64.8
07:00 AM - 08:00 AM	64.8	74.6	63.9
08:00 AM - 09:00 AM	65.4	83.7	64.4
Leq Average 24 hrs. (dB(A))	63.8		
Lmax (dB(A))		95.8	
L90 (dB(A))			62.7
Ldn (dB(A))	70.7		
Standard (dB(A))	70		

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ใช้นิยามการวัดระดับความดังเสียงตามเกณฑ์ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ใช้นิยามการวัดค่าความดังเสียงตามเกณฑ์ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป
โดยมี พ.ร.บ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.
Note : This Analysis test report is reissued to supersede report No.2676422-1, Date Reported : Jun 08, 2023 due to revise analytical information.

Tharitak.

Approved by

Thanita Kulsriwong
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Supot Salameeth
Section Head

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TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 20, 2023
Report Number: 2676423-1 Rev. No.1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Sample Number : 2321112-5
Parameter : Noise (Leq 24 hrs.)
Location : บริเวณรั้วด้านทิศเหนือของโรงงาน (GPS 47P 0734090, 1404555)
Measurement Date : May 29 - May 30, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	65.2	73.4	64.4
10:00 AM - 11:00 AM	67.7	88.1	65.1
11:00 AM - 12:00 PM	66.6	74.0	65.4
12:00 PM - 01:00 PM	65.9	74.4	64.9
01:00 PM - 02:00 PM	65.2	96.5	64.2
02:00 PM - 03:00 PM	65.1	77.7	64.4
03:00 PM - 04:00 PM	64.8	69.4	64.3
04:00 PM - 05:00 PM	65.1	69.4	64.6
05:00 PM - 06:00 PM	66.0	77.9	64.5
06:00 PM - 07:00 PM	65.2	73.3	64.4
07:00 PM - 08:00 PM	65.1	74.8	64.2
08:00 PM - 09:00 PM	64.6	70.0	64.0
09:00 PM - 10:00 PM	64.9	70.9	64.3
10:00 PM - 11:00 PM	63.8	72.2	64.7
11:00 PM - 12:00 AM	66.6	79.5	64.9
12:00 AM - 01:00 AM	73.3	106.8	65.1
01:00 AM - 02:00 AM	78.9	109.2	67.0
02:00 AM - 03:00 AM	65.0	73.6	64.3
03:00 AM - 04:00 AM	64.2	72.4	63.7
04:00 AM - 05:00 AM	64.1	71.0	63.7
05:00 AM - 06:00 AM	65.3	74.4	64.1
06:00 AM - 07:00 AM	64.5	67.9	63.8
07:00 AM - 08:00 AM	65.4	84.5	63.9
08:00 AM - 09:00 AM	65.1	76.1	64.4
Leq Average 24 hrs. (dB(A))	68.6		
Lmax (dB(A))	109.2		
L90 (dB(A))			64.4
Ldn (dB(A))	77.2		
Standard (dB(A))	70		115

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ใช้นิยามการวัดระดับความดังเสียงตามเกณฑ์ 15 (พ.ศ. 2540) ซึ่งกำหนดค่ามาตรฐานระดับเสียงโดยทั่วไป
2. ใช้นิยามการวัดค่าความดังเสียงตามเกณฑ์ 15 (พ.ศ. 2540) ซึ่งกำหนดค่ามาตรฐานระดับเสียงโดยทั่วไป

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

Note : This Analysis test report is reissued to supersede report No.2676423-1, Date Reported : Jun 08, 2023 due to revise analytical information.

Tharitak.

Approved by

Thanita Kulsriwong
Scientist (4)

Supot Salameeth
Section Head

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TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 20, 2023
Report Number: 2676424-1 Rev. No.1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Sample Number : 2321112-6
Parameter : Noise (Leq 24 hrs.)
Location : บริเวณรั้วด้านทิศเหนือของโรงงาน (GPS 47P 0734090, 1404555)
Measurement Date : May 30 - May 31, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	64.7	75.2	64.0
10:00 AM - 11:00 AM	64.3	71.7	63.6
11:00 AM - 12:00 PM	64.3	71.9	63.6
12:00 PM - 01:00 PM	64.4	69.4	63.6
01:00 PM - 02:00 PM	63.9	70.8	63.2
02:00 PM - 03:00 PM	63.3	75.5	62.8
03:00 PM - 04:00 PM	63.0	66.3	62.6
04:00 PM - 05:00 PM	63.2	73.3	62.8
05:00 PM - 06:00 PM	64.3	75.4	63.7
06:00 PM - 07:00 PM	64.9	72.7	64.1
07:00 PM - 08:00 PM	66.2	74.6	64.9
08:00 PM - 09:00 PM	66.7	77.5	65.5
09:00 PM - 10:00 PM	68.0	75.4	66.2
10:00 PM - 11:00 PM	65.4	73.3	64.6
11:00 PM - 12:00 AM	67.5	75.1	66.0
12:00 AM - 01:00 AM	65.1	73.3	64.5
01:00 AM - 02:00 AM	65.2	70.6	64.5
02:00 AM - 03:00 AM	65.5	72.5	64.7
03:00 AM - 04:00 AM	65.1	71.8	64.5
04:00 AM - 05:00 AM	65.0	70.7	64.4
05:00 AM - 06:00 AM	65.0	69.0	64.5
06:00 AM - 07:00 AM	65.1	74.1	64.6
07:00 AM - 08:00 AM	65.7	88.3	64.1
08:00 AM - 09:00 AM	64.6	67.6	64.0
Leq Average 24 hrs. (dB(A))	65.2		
Lmax (dB(A))	88.3		64.1
L90 (dB(A))			
Ldn (dB(A))	71.9		
Standard (dB(A))	70		115

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ใช้นิยามการวัดระดับความดังเสียงตามเกณฑ์ 15 (พ.ศ. 2540) ซึ่งกำหนดค่ามาตรฐานระดับเสียงโดยทั่วไป
2. ใช้นิยามการวัดค่าความดังเสียงตามเกณฑ์ 15 (พ.ศ. 2540) ซึ่งกำหนดค่ามาตรฐานระดับเสียงโดยทั่วไป

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

Note : This Analysis test report is reissued to supersede report No.2676424-1, Date Reported : Jun 08, 2023 due to revise analytical information.

Tharitak.

Approved by

Thanita Kulsriwong
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Supot Salameeth
Section Head

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TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 20, 2023
Report Number: 2676425-1 Rev. No.1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Sample Number : 2321112-7
Parameter : Noise (Leq 24 hrs.)
Location : ถนนวิภาวดีรังสิต กม. 15 (ก.ม. 2540) เขตจตุจักร กรุงเทพมหานคร
Measurement Date : May 31 - Jun 01, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	64.8	76.2	64.0
10:00 AM - 11:00 AM	66.9	74.8	65.0
11:00 AM - 12:00 PM	64.1	70.4	63.6
12:00 PM - 01:00 PM	64.9	75.8	63.3
01:00 PM - 02:00 PM	64.7	87.3	62.9
02:00 PM - 03:00 PM	63.2	78.1	62.7
03:00 PM - 04:00 PM	66.9	75.2	64.8
04:00 PM - 05:00 PM	65.7	81.2	64.0
05:00 PM - 06:00 PM	66.5	71.6	64.9
06:00 PM - 07:00 PM	63.6	67.2	63.1
07:00 PM - 08:00 PM	63.5	74.8	62.9
08:00 PM - 09:00 PM	64.0	81.2	63.3
09:00 PM - 10:00 PM	64.0	72.9	63.5
10:00 PM - 11:00 PM	64.5	73.7	63.7
11:00 PM - 12:00 AM	64.8	74.2	63.7
12:00 AM - 01:00 AM	64.2	74.8	63.7
01:00 AM - 02:00 AM	64.0	71.6	63.6
02:00 AM - 03:00 AM	64.0	68.4	63.6
03:00 AM - 04:00 AM	64.8	77.8	63.5
04:00 AM - 05:00 AM	63.7	74.6	63.3
05:00 AM - 06:00 AM	64.0	70.2	63.4
06:00 AM - 07:00 AM	63.7	66.8	63.3
07:00 AM - 08:00 AM	65.2	88.6	63.5
08:00 AM - 09:00 AM	63.8	69.3	63.3

Leq Average 24 hrs. (dB(A)) : 64.7
Lmax (dB(A)) : 88.6
L90 (dB(A)) : 63.5
Ldn (dB(A)) : 70.7

Standard (dB(A)) : 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ปรึกษากรมการขนส่งทางบก กรุงเทพมหานคร ฉบับที่ 15 (ก.ม. 2540) เขตจตุจักร กรุงเทพมหานคร
2. ปรึกษากรมการขนส่งทางบก กรุงเทพมหานคร ฉบับที่ 15 (ก.ม. 2540) เขตจตุจักร กรุงเทพมหานคร

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

Note : This Analysis test report is reissued to supersede report No.2676425-1, Date Reported : Jun 08, 2023 due to revise analytical information.

Tharitak.

Approved by

Thanita Kulsriwong
Scientist (4)

Supot Salameh
Section Head

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S:\Reports_Air Noise rpt (3.42PM)



TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 08, 2023
Report Number: 2676426-1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Sample Number : 2321112-8
Parameter : Noise (Leq 24 hrs.)
Location : ถนนวิภาวดีรังสิต กม. 15 (ก.ม. 2540) เขตจตุจักร กรุงเทพมหานคร
Measurement Date : May 25 - May 26, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	51.2	83.6	47.7
11:00 AM - 12:00 PM	51.3	69.6	48.2
12:00 PM - 01:00 PM	51.6	73.8	47.6
01:00 PM - 02:00 PM	51.6	72.9	47.6
02:00 PM - 03:00 PM	50.3	71.9	47.5
03:00 PM - 04:00 PM	52.9	69.5	47.1
04:00 PM - 05:00 PM	52.9	72.7	49.7
05:00 PM - 06:00 PM	50.6	66.1	47.9
06:00 PM - 07:00 PM	54.4	73.9	51.8
07:00 PM - 08:00 PM	53.1	80.2	47.8
08:00 PM - 09:00 PM	48.5	64.9	46.2
09:00 PM - 10:00 PM	48.1	67.9	45.8
10:00 PM - 11:00 PM	48.8	75.8	45.5
11:00 PM - 12:00 AM	47.4	64.1	45.7
12:00 AM - 01:00 AM	46.0	63.5	44.2
01:00 AM - 02:00 AM	45.7	65.8	44.4
02:00 AM - 03:00 AM	53.5	68.3	46.7
03:00 AM - 04:00 AM	49.5	69.0	44.9
04:00 AM - 05:00 AM	47.1	59.0	45.6
05:00 AM - 06:00 AM	53.9	64.4	51.7
06:00 AM - 07:00 AM	53.2	77.8	49.7
07:00 AM - 08:00 AM	52.1	66.9	49.1
08:00 AM - 09:00 AM	51.4	77.5	48.1
09:00 AM - 10:00 AM	51.5	73.4	47.1

Leq Average 24 hrs. (dB(A)) : 51.3
Lmax (dB(A)) : 83.6
L90 (dB(A)) : 47.5
Ldn (dB(A)) : 57.2

Standard (dB(A)) : 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ปรึกษากรมการขนส่งทางบก กรุงเทพมหานคร ฉบับที่ 15 (ก.ม. 2540) เขตจตุจักร กรุงเทพมหานคร
2. ปรึกษากรมการขนส่งทางบก กรุงเทพมหานคร ฉบับที่ 15 (ก.ม. 2540) เขตจตุจักร กรุงเทพมหานคร

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

Tharitak.

Approved by

Thanita Kulsriwong
Scientist (4)

Supot Salameh
Section Head

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S:\Reports_Air Noise rpt (10:58AM)



TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 08, 2023
Report Number: 2676427-1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Sample Number : 2321112-9

Parameter : Noise (Leq 24 hrs.)

Location : ถนนวิภาวดี (GPS 47P 0735038, 1405843)

Measurement Date : May 26 - May 27, 2023

Measurement by : Nantawat Sarin

Sound Level meter : Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	53.5	80.0	49.5
11:00 AM - 12:00 PM	53.7	80.6	49.7
12:00 PM - 01:00 PM	54.4	78.1	48.3
01:00 PM - 02:00 PM	52.3	72.2	47.1
02:00 PM - 03:00 PM	50.2	73.0	46.7
03:00 PM - 04:00 PM	52.0	83.1	47.5
04:00 PM - 05:00 PM	52.8	70.4	48.5
05:00 PM - 06:00 PM	51.0	72.4	47.8
06:00 PM - 07:00 PM	55.1	69.4	51.7
07:00 PM - 08:00 PM	51.1	72.4	47.9
08:00 PM - 09:00 PM	48.8	64.8	46.5
09:00 PM - 10:00 PM	49.3	65.6	46.5
10:00 PM - 11:00 PM	55.4	76.2	48.7
11:00 PM - 12:00 AM	50.9	77.8	46.9
12:00 AM - 01:00 AM	50.6	67.8	47.6
01:00 AM - 02:00 AM	49.5	61.9	46.8
02:00 AM - 03:00 AM	48.2	75.6	45.5
03:00 AM - 04:00 AM	49.6	77.5	45.5
04:00 AM - 05:00 AM	46.7	62.3	45.3
05:00 AM - 06:00 AM	53.9	69.1	49.9
06:00 AM - 07:00 AM	51.5	64.8	49.1
07:00 AM - 08:00 AM	52.0	67.3	49.0
08:00 AM - 09:00 AM	54.3	69.9	48.6
09:00 AM - 10:00 AM	50.8	66.7	48.1
Leq Average 24 hrs. (dB(A))	52.1		
Lmax (dB(A))	83.1		
L90 (dB(A))			47.8
Ldn (dB(A))	58.1		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ปรมาณการวัดระดับความดังเสียงตามข้อกำหนดของมาตรฐาน ISO 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป
2. ปรมาณการวัดระดับความดังเสียงตามข้อกำหนดของมาตรฐาน ISO 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป
โดยทั่วไป พ.ศ. 2548

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

Technical Management

Tharitak.

Tharitak Kulsriwong
Scientist (4)

Approved by

Supt S.

Supt Salameh
Section Head

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S:\Reports_Air Noise rpt (10-59AM)



TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 08, 2023
Report Number: 2676428-1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Sample Number : 2321112-10

Parameter : Noise (Leq 24 hrs.)

Location : ถนนวิภาวดี (GPS 47P 0735038, 1405843)

Measurement Date : May 27 - May 28, 2023

Measurement by : Nantawat Sarin

Sound Level meter : Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	54.0	81.7	49.2
11:00 AM - 12:00 PM	50.8	70.7	47.8
12:00 PM - 01:00 PM	50.7	68.6	47.7
01:00 PM - 02:00 PM	56.3	75.5	50.8
02:00 PM - 03:00 PM	57.3	78.9	50.3
03:00 PM - 04:00 PM	55.7	75.5	49.3
04:00 PM - 05:00 PM	51.8	72.6	48.1
05:00 PM - 06:00 PM	50.4	69.3	47.4
06:00 PM - 07:00 PM	54.8	73.4	51.2
07:00 PM - 08:00 PM	49.8	70.8	47.1
08:00 PM - 09:00 PM	51.7	71.4	46.8
09:00 PM - 10:00 PM	50.6	78.4	45.3
10:00 PM - 11:00 PM	52.7	79.7	45.7
11:00 PM - 12:00 AM	46.9	57.8	45.0
12:00 AM - 01:00 AM	47.8	65.8	45.1
01:00 AM - 02:00 AM	45.6	61.9	44.2
02:00 AM - 03:00 AM	44.8	57.3	43.0
03:00 AM - 04:00 AM	44.7	73.2	42.4
04:00 AM - 05:00 AM	53.6	88.2	43.6
05:00 AM - 06:00 AM	51.7	72.4	48.8
06:00 AM - 07:00 AM	50.7	68.0	47.1
07:00 AM - 08:00 AM	51.4	80.4	47.3
08:00 AM - 09:00 AM	54.6	78.2	48.9
09:00 AM - 10:00 AM	54.8	71.9	49.6
Leq Average 24 hrs. (dB(A))	52.6		
Lmax (dB(A))		88.2	
L90 (dB(A))			47.3
Ldn (dB(A))	57.1		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ปรมาณการวัดระดับความดังเสียงตามข้อกำหนดของมาตรฐาน ISO 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป
2. ปรมาณการวัดระดับความดังเสียงตามข้อกำหนดของมาตรฐาน ISO 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป
โดยทั่วไป พ.ศ. 2548

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

Technical Management

Tharitak.

Tharitak Kulsriwong
Scientist (4)

Approved by

Supt S.

Supt Salameh
Section Head

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S:\Reports_Air Noise rpt (10-59AM)



TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 08, 2023
Report Number: 2676429-1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Sample Number : 2321112-11

Parameter : Noise (Leq 24 hrs.)

Location : ถนนวิภาวดี (GPS 47P 0735038, 1405843)

Measurement Date : May 28 - May 29, 2023

Measurement by : Nantawat Sarin

Sound Level meter : Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	52.6	71.7	47.5
11:00 AM - 12:00 PM	50.7	66.3	47.2
12:00 PM - 01:00 PM	51.7	71.5	48.7
01:00 PM - 02:00 PM	53.3	79.9	47.7
02:00 PM - 03:00 PM	52.7	76.0	47.6
03:00 PM - 04:00 PM	51.3	73.8	46.3
04:00 PM - 05:00 PM	51.6	73.0	47.5
05:00 PM - 06:00 PM	50.7	68.4	47.9
06:00 PM - 07:00 PM	55.5	79.6	51.8
07:00 PM - 08:00 PM	54.7	89.2	46.2
08:00 PM - 09:00 PM	49.8	71.5	46.5
09:00 PM - 10:00 PM	52.5	77.7	45.8
10:00 PM - 11:00 PM	47.2	60.8	45.1
11:00 PM - 12:00 AM	51.7	77.6	46.8
12:00 AM - 01:00 AM	53.7	81.0	47.4
01:00 AM - 02:00 AM	57.7	74.9	55.9
02:00 AM - 03:00 AM	64.3	70.9	63.7
03:00 AM - 04:00 AM	65.8	69.7	65.3
04:00 AM - 05:00 AM	59.1	66.4	57.9
05:00 AM - 06:00 AM	57.2	69.0	56.0
06:00 AM - 07:00 AM	60.4	79.3	55.8
07:00 AM - 08:00 AM	59.8	75.4	56.4
08:00 AM - 09:00 AM	56.2	77.9	48.6
09:00 AM - 10:00 AM	56.3	77.9	49.6

Leq Average 24 hrs. (dB(A))

Lmax (dB(A))

L90 (dB(A))

Ldn (dB(A))

Standard (dB(A))

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ปรมาณการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป
2. ปรมาณการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป

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

Technical Management

Approved by

Thanitak

Thanita Kulsriwong
Scientist (4)

Supot Salameh
Section Head

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S/Reports_Air Noise rpt (10:59AM)



TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 08, 2023
Report Number: 2676430-1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Sample Number : 2321112-12

Parameter : Noise (Leq 24 hrs.)

Location : ถนนวิภาวดี (GPS 47P 0735038, 1405843)

Measurement Date : May 29 - May 30, 2023

Measurement by : Nantawat Sarin

Sound Level meter : Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	52.1	73.2	47.8
11:00 AM - 12:00 PM	51.3	64.3	48.7
12:00 PM - 01:00 PM	54.8	78.5	49.2
01:00 PM - 02:00 PM	53.5	79.2	49.3
02:00 PM - 03:00 PM	53.4	74.9	49.3
03:00 PM - 04:00 PM	55.7	81.3	49.3
04:00 PM - 05:00 PM	53.2	67.8	50.8
05:00 PM - 06:00 PM	52.6	77.9	48.3
06:00 PM - 07:00 PM	55.0	65.2	52.2
07:00 PM - 08:00 PM	57.2	73.7	53.3
08:00 PM - 09:00 PM	50.7	78.4	47.5
09:00 PM - 10:00 PM	49.9	68.6	46.3
10:00 PM - 11:00 PM	47.7	64.5	45.4
11:00 PM - 12:00 AM	71.7	81.4	69.8
12:00 AM - 01:00 AM	71.8	85.8	69.9
01:00 AM - 02:00 AM	79.4	113.1	73.3
02:00 AM - 03:00 AM	64.8	77.8	61.6
03:00 AM - 04:00 AM	53.7	59.9	52.6
04:00 AM - 05:00 AM	50.4	59.9	49.6
05:00 AM - 06:00 AM	54.5	70.6	49.9
06:00 AM - 07:00 AM	53.7	73.5	50.1
07:00 AM - 08:00 AM	52.8	71.3	49.6
08:00 AM - 09:00 AM	54.0	79.1	48.9
09:00 AM - 10:00 AM	58.7	84.9	48.8

Leq Average 24 hrs. (dB(A))

Lmax (dB(A))

L90 (dB(A))

Ldn (dB(A))

Standard (dB(A))

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ปรมาณการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป
2. ปรมาณการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป

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

Technical Management

Approved by

Thanitak

Thanita Kulsriwong
Scientist (4)

Supot Salameh
Section Head

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S/Reports_Air Noise rpt (11:00AM)



TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 08, 2023
Report Number: 2676431-1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Sample Number : 2321112-13

Parameter : Noise (Leq 24 hrs.)

Location : กรุงเทพมหานคร (GPS 47P 0735038, 1405843)

Measurement Date : May 30 - May 31, 2023

Measurement by : Nantawat Sarin

Sound Level meter : Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	55.5	79.1	47.9
11:00 AM - 12:00 PM	52.5	65.2	48.7
12:00 PM - 01:00 PM	55.0	81.9	48.3
01:00 PM - 02:00 PM	51.5	70.1	47.7
02:00 PM - 03:00 PM	56.1	80.6	47.0
03:00 PM - 04:00 PM	52.5	74.1	47.7
04:00 PM - 05:00 PM	57.9	81.8	46.8
05:00 PM - 06:00 PM	50.5	75.6	45.5
06:00 PM - 07:00 PM	50.8	83.4	44.1
07:00 PM - 08:00 PM	52.8	80.0	43.8
08:00 PM - 09:00 PM	48.6	71.5	44.4
09:00 PM - 10:00 PM	56.8	88.0	45.5
10:00 PM - 11:00 PM	51.3	86.2	45.0
11:00 PM - 12:00 AM	49.9	66.9	46.6
12:00 AM - 01:00 AM	47.6	65.9	44.8
01:00 AM - 02:00 AM	46.7	75.3	45.0
02:00 AM - 03:00 AM	48.4	78.0	44.4
03:00 AM - 04:00 AM	47.2	62.6	43.5
04:00 AM - 05:00 AM	45.2	60.8	42.2
05:00 AM - 06:00 AM	45.9	66.2	40.5
06:00 AM - 07:00 AM	49.1	75.3	42.5
07:00 AM - 08:00 AM	58.0	87.1	45.6
08:00 AM - 09:00 AM	61.4	91.3	48.5
09:00 AM - 10:00 AM	61.5	90.4	49.9
Leq Average 24 hrs. (dB(A))	54.8		
Lmax (dB(A))	91.3		
L90 (dB(A))			45.5
Ldn (dB(A))	57.2		
Standard (dB(A))	70		115

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ปรมาณการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป
2. ปรมาณการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป
โดยทั่วไป พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Tharitak.

Technical Management

Tharitak Kulsriwong
Scientist (4)

Approved by

Supt S.

Supt Salameh
Section Head

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Life Sciences

RIGHT SOLUTIONS RIGHT PARTNER

4989-1221 EMAIL

S:\Reports_Air Noise rpt (11:00AM)



TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 08, 2023
Report Number: 2676432-1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Sample Number : 2321112-14

Parameter : Noise (Leq 24 hrs.)

Location : กรุงเทพมหานคร (GPS 47P 0735038, 1405843)

Measurement Date : May 31 - Jun 01, 2023

Measurement by : Nantawat Sarin

Sound Level meter : Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	60.4	83.9	49.7
11:00 AM - 12:00 PM	54.3	75.7	48.4
12:00 PM - 01:00 PM	55.1	88.0	48.9
01:00 PM - 02:00 PM	54.5	78.8	48.1
02:00 PM - 03:00 PM	56.7	84.5	46.5
03:00 PM - 04:00 PM	56.1	80.0	46.4
04:00 PM - 05:00 PM	59.4	87.2	46.8
05:00 PM - 06:00 PM	53.9	81.2	45.6
06:00 PM - 07:00 PM	59.0	91.3	45.6
07:00 PM - 08:00 PM	48.0	70.2	43.9
08:00 PM - 09:00 PM	46.9	65.6	44.0
09:00 PM - 10:00 PM	47.4	71.6	44.5
10:00 PM - 11:00 PM	46.6	65.1	43.9
11:00 PM - 12:00 AM	57.6	85.1	42.4
12:00 AM - 01:00 AM	61.3	93.0	42.5
01:00 AM - 02:00 AM	44.1	62.1	42.1
02:00 AM - 03:00 AM	41.6	71.7	39.2
03:00 AM - 04:00 AM	42.6	64.9	39.6
04:00 AM - 05:00 AM	44.1	64.8	40.9
05:00 AM - 06:00 AM	46.2	75.7	40.7
06:00 AM - 07:00 AM	47.7	66.6	42.2
07:00 AM - 08:00 AM	50.6	75.0	45.0
08:00 AM - 09:00 AM	52.8	78.9	46.8
09:00 AM - 10:00 AM	58.8	83.9	47.4
Leq Average 24 hrs. (dB(A))	55.3		
Lmax (dB(A))		93.0	
L90 (dB(A))			44.5
Ldn (dB(A))	60.6		
Standard (dB(A))	70		115

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ปรมาณการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป
2. ปรมาณการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป
โดยทั่วไป พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Tharitak.

Technical Management

Tharitak Kulsriwong
Scientist (4)

Approved by

Supt S.

Supt Salameh
Section Head

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Life Sciences

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4989-1221 EMAIL

S:\Reports_Air Noise rpt (11:00AM)



TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 08, 2023
Report Number: 2676433-1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Sample Number : 2321112-15
Parameter : Noise (Leq 24 hrs.)
Location : ถนนสายอุตสาหกรรม-อ่าวไทย (GPS 47P 0735531, 1402769)
Measurement Date : May 25 - May 26, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	52.9	76.9	46.6
11:00 AM - 12:00 PM	52.6	73.4	46.8
12:00 PM - 01:00 PM	53.9	77.4	47.9
01:00 PM - 02:00 PM	52.7	75.7	45.9
02:00 PM - 03:00 PM	54.8	84.2	49.1
03:00 PM - 04:00 PM	54.0	78.1	46.6
04:00 PM - 05:00 PM	55.2	76.2	49.2
05:00 PM - 06:00 PM	55.7	79.4	50.1
06:00 PM - 07:00 PM	58.8	82.2	53.0
07:00 PM - 08:00 PM	56.0	80.5	49.4
08:00 PM - 09:00 PM	56.2	79.7	50.3
09:00 PM - 10:00 PM	56.0	79.5	49.9
10:00 PM - 11:00 PM	56.1	82.3	47.5
11:00 PM - 12:00 AM	57.1	81.3	50.5
12:00 AM - 01:00 AM	62.9	88.6	48.6
01:00 AM - 02:00 AM	52.3	69.5	49.0
02:00 AM - 03:00 AM	49.6	72.7	45.8
03:00 AM - 04:00 AM	50.4	74.8	45.9
04:00 AM - 05:00 AM	51.0	73.8	44.4
05:00 AM - 06:00 AM	54.3	74.8	48.6
06:00 AM - 07:00 AM	56.2	80.0	49.7
07:00 AM - 08:00 AM	55.8	76.4	49.3
08:00 AM - 09:00 AM	52.8	73.4	46.9
09:00 AM - 10:00 AM	50.9	69.6	44.6
Leq Average 24 hrs. (dB(A))	55.6		
Lmax (dB(A))	89.3		
L90 (dB(A))			48.6
Ldn (dB(A))	62.7		
Standard (dB(A))	70		

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

Supt S.

Tharitak.

Approved by

Tharitak Kulsriwong
Scientist (4)

Supot Salameh
Section Head

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TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 08, 2023
Report Number: 2676434-1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Sample Number : 2321112-16
Parameter : Noise (Leq 24 hrs.)
Location : ถนนสายอุตสาหกรรม-อ่าวไทย (GPS 47P 0735531, 1402769)
Measurement Date : May 26 - May 27, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	51.4	69.3	44.9
11:00 AM - 12:00 PM	53.7	76.8	46.4
12:00 PM - 01:00 PM	52.5	71.3	47.7
01:00 PM - 02:00 PM	51.8	72.4	44.7
02:00 PM - 03:00 PM	49.8	66.4	43.5
03:00 PM - 04:00 PM	54.4	84.4	45.0
04:00 PM - 05:00 PM	53.5	79.0	47.9
05:00 PM - 06:00 PM	56.6	81.2	49.4
06:00 PM - 07:00 PM	56.8	78.7	51.8
07:00 PM - 08:00 PM	57.2	81.8	50.1
08:00 PM - 09:00 PM	59.3	78.1	56.9
09:00 PM - 10:00 PM	55.7	77.0	51.3
10:00 PM - 11:00 PM	55.8	80.9	48.0
11:00 PM - 12:00 AM	54.5	76.0	47.5
12:00 AM - 01:00 AM	55.3	83.8	47.1
01:00 AM - 02:00 AM	53.4	80.5	47.4
02:00 AM - 03:00 AM	52.1	79.5	46.6
03:00 AM - 04:00 AM	57.8	86.1	47.9
04:00 AM - 05:00 AM	50.9	75.9	44.4
05:00 AM - 06:00 AM	53.2	73.4	47.5
06:00 AM - 07:00 AM	54.7	72.0	48.4
07:00 AM - 08:00 AM	56.9	75.3	48.8
08:00 AM - 09:00 AM	53.1	75.1	46.2
09:00 AM - 10:00 AM	51.1	70.1	44.8
Leq Average 24 hrs. (dB(A))	54.9		
Lmax (dB(A))		86.1	
L90 (dB(A))			47.5
Ldn (dB(A))	61.1		
Standard (dB(A))	70		

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

Tharitak.

Supt S.

Approved by

Tharitak Kulsriwong
Scientist (4)

Supot Salameh
Section Head

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TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 08, 2023
Report Number: 2676435-1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Sample Number : 2321112-17

Parameter : Noise (Leq 24 hrs.)

Location : ถนนสายอุตสาหกรรม-ท่าเรือ (GPS 47P 0735531, 1402769)

Measurement Date : May 27 - May 28, 2023

Measurement by : Nantawat Sarin

Sound Level meter : Serial No. 873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	51.8	70.8	46.2
11:00 AM - 12:00 PM	54.0	82.8	46.2
12:00 PM - 01:00 PM	53.0	75.2	46.5
01:00 PM - 02:00 PM	52.9	75.1	47.6
02:00 PM - 03:00 PM	52.5	73.0	45.6
03:00 PM - 04:00 PM	52.8	78.3	45.3
04:00 PM - 05:00 PM	54.1	77.4	47.5
05:00 PM - 06:00 PM	56.1	79.0	50.2
06:00 PM - 07:00 PM	57.2	82.4	52.6
07:00 PM - 08:00 PM	56.6	82.4	50.0
08:00 PM - 09:00 PM	57.8	82.6	53.8
09:00 PM - 10:00 PM	56.2	75.9	50.9
10:00 PM - 11:00 PM	56.2	82.9	47.1
11:00 PM - 12:00 AM	56.6	78.6	46.8
12:00 AM - 01:00 AM	53.9	76.6	46.3
01:00 AM - 02:00 AM	52.5	77.8	46.9
02:00 AM - 03:00 AM	50.2	72.0	44.3
03:00 AM - 04:00 AM	67.8	92.9	40.8
04:00 AM - 05:00 AM	63.2	96.0	51.0
05:00 AM - 06:00 AM	53.2	75.7	47.9
06:00 AM - 07:00 AM	53.9	73.3	47.3
07:00 AM - 08:00 AM	55.0	75.0	48.3
08:00 AM - 09:00 AM	54.2	75.5	48.2
09:00 AM - 10:00 AM	53.8	72.4	46.8

Leq Average 24 hrs. (dB(A)) : 57.8

Lmax (dB(A)) : 96.0

L90 (dB(A)) : 47.1

Ldn (dB(A)) : 66.4

Standard (dB(A)) : 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ใช้นิยามการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป
2. ใช้นิยามการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป

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

Technical Management

Tharitak.

Tharitak Kulsriwong
Scientist (4)

Approved by

Supt S.

Supt Salameh
Section Head

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S:\Reports_Air Noise rpt (11:01AM)



TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 08, 2023
Report Number: 2676436-1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Sample Number : 2321112-18

Parameter : Noise (Leq 24 hrs.)

Location : ถนนสายอุตสาหกรรม-ท่าเรือ (GPS 47P 0735531, 1402769)

Measurement Date : May 28 - May 29, 2023

Measurement by : Nantawat Sarin

Sound Level meter : Serial No. 873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	54.7	80.5	47.4
11:00 AM - 12:00 PM	54.3	79.4	45.6
12:00 PM - 01:00 PM	55.0	81.9	46.3
01:00 PM - 02:00 PM	53.8	72.3	46.9
02:00 PM - 03:00 PM	56.2	82.8	47.3
03:00 PM - 04:00 PM	53.5	77.3	45.0
04:00 PM - 05:00 PM	54.0	78.4	46.4
05:00 PM - 06:00 PM	53.0	73.0	46.7
06:00 PM - 07:00 PM	54.3	80.4	48.1
07:00 PM - 08:00 PM	54.8	85.4	45.1
08:00 PM - 09:00 PM	52.5	75.1	46.7
09:00 PM - 10:00 PM	55.8	86.9	47.5
10:00 PM - 11:00 PM	55.9	78.1	50.4
11:00 PM - 12:00 AM	57.0	80.9	51.8
12:00 AM - 01:00 AM	57.2	79.2	51.7
01:00 AM - 02:00 AM	57.3	82.3	51.9
02:00 AM - 03:00 AM	58.3	83.4	51.8
03:00 AM - 04:00 AM	54.9	77.8	50.3
04:00 AM - 05:00 AM	54.4	76.5	49.5
05:00 AM - 06:00 AM	54.9	77.8	49.0
06:00 AM - 07:00 AM	53.3	76.8	47.7
07:00 AM - 08:00 AM	50.2	77.0	46.6
08:00 AM - 09:00 AM	51.3	77.0	46.2
09:00 AM - 10:00 AM	49.1	67.6	45.7

Leq Average 24 hrs. (dB(A)) : 54.9

Lmax (dB(A)) : 86.9

L90 (dB(A)) : 47.3

Ldn (dB(A)) : 62.3

Standard (dB(A)) : 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ใช้นิยามการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป
2. ใช้นิยามการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป

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

Technical Management

Tharitak.

Tharitak Kulsriwong
Scientist (4)

Approved by

Supt S.

Supt Salameh
Section Head

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4895-1221 EMAIL

S:\Reports_Air Noise rpt (11:01AM)



TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 08, 2023
Report Number: 2676437-1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Sample Number : 2321112-19
Parameter : Noise (Leq 24 hrs.)
Location : ถนนสายอุตสาหกรรม-อ่าวไทย (GPS 47P 0735531, 1402769)
Measurement Date : May 29 - May 30, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	49.9	68.7	45.4
11:00 AM - 12:00 PM	54.5	74.0	49.2
12:00 PM - 01:00 PM	56.1	80.0	50.1
01:00 PM - 02:00 PM	56.2	74.5	50.6
02:00 PM - 03:00 PM	54.9	71.7	49.6
03:00 PM - 04:00 PM	52.3	68.9	47.2
04:00 PM - 05:00 PM	54.2	76.2	47.2
05:00 PM - 06:00 PM	56.1	76.4	48.5
06:00 PM - 07:00 PM	53.7	70.8	47.7
07:00 PM - 08:00 PM	53.3	76.3	46.8
08:00 PM - 09:00 PM	53.3	78.1	46.4
09:00 PM - 10:00 PM	53.9	80.3	46.8
10:00 PM - 11:00 PM	54.6	74.1	49.6
11:00 PM - 12:00 AM	56.5	78.0	51.2
12:00 AM - 01:00 AM	56.8	76.9	52.3
01:00 AM - 02:00 AM	56.7	79.1	50.5
02:00 AM - 03:00 AM	55.7	76.8	50.4
03:00 AM - 04:00 AM	55.4	77.0	49.7
04:00 AM - 05:00 AM	56.3	81.5	49.5
05:00 AM - 06:00 AM	53.4	73.6	48.3
06:00 AM - 07:00 AM	52.1	77.7	48.0
07:00 AM - 08:00 AM	52.0	77.4	47.5
08:00 AM - 09:00 AM	50.4	70.2	46.9
09:00 AM - 10:00 AM	50.9	74.3	45.9

Leq Average 24 hrs. (dB(A)) : 54.6

Lmax (dB(A)) : 81.5

L90 (dB(A)) : 48.3

Ldn (dB(A)) : 61.7

Standard (dB(A)) : 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ใช้นิยามการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป
2. ใช้นิยามการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป

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

Technical Management

Tharitak.

Thanita Kulsriwong
Scientist (4)

Approved by

Supt S.

Supot Salameh
Section Head

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4989-1221 EMAIL

S:\Reports_Air Noise rpt (11:01AM)



TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 08, 2023
Report Number: 2676438-1

Page 1 of 1



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Sample Number : 2321112-20
Parameter : Noise (Leq 24 hrs.)
Location : ถนนสายอุตสาหกรรม-อ่าวไทย (GPS 47P 0735531, 1402769)
Measurement Date : May 30 - May 31, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	50.4	69.6	46.7
11:00 AM - 12:00 PM	53.1	78.2	48.2
12:00 PM - 01:00 PM	55.5	78.8	49.8
01:00 PM - 02:00 PM	56.6	83.5	50.6
02:00 PM - 03:00 PM	55.6	81.9	49.1
03:00 PM - 04:00 PM	53.7	83.0	46.0
04:00 PM - 05:00 PM	51.7	76.2	45.2
05:00 PM - 06:00 PM	53.2	76.0	46.9
06:00 PM - 07:00 PM	54.3	74.8	48.1
07:00 PM - 08:00 PM	52.9	75.1	46.6
08:00 PM - 09:00 PM	53.4	77.9	46.2
09:00 PM - 10:00 PM	56.8	80.3	50.6
10:00 PM - 11:00 PM	56.9	83.1	48.6
11:00 PM - 12:00 AM	57.9	82.1	51.3
12:00 AM - 01:00 AM	63.6	90.1	49.4
01:00 AM - 02:00 AM	54.0	70.3	49.9
02:00 AM - 03:00 AM	50.2	73.5	46.5
03:00 AM - 04:00 AM	51.1	75.6	46.9
04:00 AM - 05:00 AM	51.2	70.0	45.2
05:00 AM - 06:00 AM	55.2	75.6	49.2
06:00 AM - 07:00 AM	57.0	80.8	50.3
07:00 AM - 08:00 AM	56.5	77.2	50.3
08:00 AM - 09:00 AM	54.1	75.4	48.0
09:00 AM - 10:00 AM	51.8	70.4	45.4

Leq Average 24 hrs. (dB(A)) : 55.7

Lmax (dB(A)) : 90.1

L90 (dB(A)) : 48.1

Ldn (dB(A)) : 63.4

Standard (dB(A)) : 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ใช้นิยามการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป
2. ใช้นิยามการวัดระดับความดังเสียงตามมาตรฐานฉบับที่ 15 (พ.ศ. 2540) ซึ่งกำหนดค่าระดับความดังเสียงโดยทั่วไป

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

Technical Management

Tharitak.

Thanita Kulsriwong
Scientist (4)

Approved by

Supt S.

Supot Salameh
Section Head

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4989-1221 EMAIL

S:\Reports_Air Noise rpt (11:01AM)



TESTING
No.0042

Lot ID: 2321112

Date Received : Jun 06, 2023
Date Reported : Jun 09, 2023
Report Number: 2676439-1

Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Page 1 of 1

Sample Number : 2321112-21
Parameter : Noise (Leq 24 hrs.)
Location : ถนนสายอุตสาหกรรม (GPS 47P 0735531, 1402769)
Measurement Date : May 31 - Jun 01, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	52.1	70.1	45.8
11:00 AM - 12:00 PM	54.3	77.6	46.8
12:00 PM - 01:00 PM	53.4	72.1	48.4
01:00 PM - 02:00 PM	52.7	73.2	46.2
02:00 PM - 03:00 PM	50.8	68.1	44.4
03:00 PM - 04:00 PM	55.2	85.2	45.6
04:00 PM - 05:00 PM	54.2	79.8	48.6
05:00 PM - 06:00 PM	57.2	82.0	50.0
06:00 PM - 07:00 PM	57.7	79.5	52.4
07:00 PM - 08:00 PM	58.0	82.6	51.1
08:00 PM - 09:00 PM	59.7	78.9	57.0
09:00 PM - 10:00 PM	57.3	77.8	54.1
10:00 PM - 11:00 PM	56.7	81.7	48.9
11:00 PM - 12:00 AM	55.1	76.8	48.3
12:00 AM - 01:00 AM	54.5	83.6	48.0
01:00 AM - 02:00 AM	56.1	84.6	48.1
02:00 AM - 03:00 AM	52.7	80.3	47.5
03:00 AM - 04:00 AM	58.6	86.9	48.8
04:00 AM - 05:00 AM	51.7	76.7	45.3
05:00 AM - 06:00 AM	52.3	70.0	47.0
06:00 AM - 07:00 AM	54.4	72.9	47.8
07:00 AM - 08:00 AM	56.5	74.8	48.5
08:00 AM - 09:00 AM	52.6	74.6	45.8
09:00 AM - 10:00 AM	50.7	69.6	44.4

Leq Average 24 hrs. (dB(A)) : 55.5

Lmax (dB(A)) : 86.9

L90 (dB(A)) : 48.0

Ldn (dB(A)) : 61.7

Standard (dB(A)) : 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. เกณฑ์การประเมินค่าระดับความดังเสียงตามข้อกำหนด 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป

2. เกณฑ์การประเมินค่าระดับความดังเสียงตามข้อกำหนด 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป

โดยวันที่ 15 มิ.ย. 2548

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

Technical Management

Thanitak

Thantita Kulnirong
Scientist (4)

Approved by

Suppt S.

Supot Salmeh
Section Head

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S-Reports_Air Noise rpt (10-24AM)



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Lot ID: 2321121

Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675069-1

Sample Number : 2321121-1
Parameter : Noise Level (Leq 5 min)
Location : ถนนสายอุตสาหกรรม (GPS 47P 0735038, 1405843)
Measurement Date : May 25 - May 26, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 623393

Time	Leq (dB(A))	L90 (dB(A))	May 25, 2023	Time	Leq (dB(A))	L90 (dB(A))	May 25, 2023	Time	Leq (dB(A))	L90 (dB(A))
10:00 AM - 10:05 AM	56.2	48.4	12:40 PM - 12:45 PM	12:45 PM - 12:50 PM	50.5	47.9	03:20 PM - 03:25 PM	03:25 PM - 03:30 PM	51.6	46.7
10:05 AM - 10:10 AM	52.2	48.3	12:45 PM - 12:50 PM	12:50 PM - 12:55 PM	52.2	48.3	03:25 PM - 03:30 PM	03:30 PM - 03:35 PM	50.5	47.3
10:10 AM - 10:15 AM	49.3	47.4	12:50 PM - 12:55 PM	12:55 PM - 01:00 PM	52.9	48.8	03:30 PM - 03:35 PM	03:35 PM - 03:40 PM	54.2	46.8
10:15 AM - 10:20 AM	49.7	48.1	12:55 PM - 01:00 PM	01:00 PM - 01:05 PM	50.4	47.9	03:35 PM - 03:40 PM	03:40 PM - 03:45 PM	56.6	47.9
10:20 AM - 10:25 AM	50.5	47.7	01:00 PM - 01:05 PM	01:05 PM - 01:10 PM	50.5	48.2	03:40 PM - 03:45 PM	03:45 PM - 03:50 PM	56.4	47.0
10:25 AM - 10:30 AM	50.6	47.1	01:05 PM - 01:10 PM	01:10 PM - 01:15 PM	52.1	47.5	03:45 PM - 03:50 PM	03:50 PM - 03:55 PM	55.1	47.2
10:30 AM - 10:35 AM	49.0	47.1	01:10 PM - 01:15 PM	01:15 PM - 01:20 PM	50.1	47.9	03:50 PM - 03:55 PM	03:55 PM - 04:00 PM	48.8	46.6
10:35 AM - 10:40 AM	49.1	47.2	01:15 PM - 01:20 PM	01:20 PM - 01:25 PM	50.2	47.7	03:55 PM - 04:00 PM	04:00 PM - 04:05 PM	49.2	46.3
10:40 AM - 10:45 AM	49.5	47.7	01:20 PM - 01:25 PM	01:25 PM - 01:30 PM	49.8	47.4	04:00 PM - 04:05 PM	04:05 PM - 04:10 PM	49.1	46.7
10:45 AM - 10:50 AM	51.7	47.6	01:25 PM - 01:30 PM	01:30 PM - 01:35 PM	53.8	48.2	04:05 PM - 04:10 PM	04:10 PM - 04:15 PM	50.2	47.4
10:50 AM - 10:55 AM	49.1	47.2	01:30 PM - 01:35 PM	01:35 PM - 01:40 PM	54.5	47.4	04:10 PM - 04:15 PM	04:15 PM - 04:20 PM	54.4	51.0
10:55 AM - 11:00 AM	50.0	47.8	01:35 PM - 01:40 PM	01:40 PM - 01:45 PM	52.4	47.4	04:15 PM - 04:20 PM	04:20 PM - 04:25 PM	54.3	51.1
11:00 AM - 11:05 AM	50.4	47.2	01:40 PM - 01:45 PM	01:45 PM - 01:50 PM	50.6	47.3	04:20 PM - 04:25 PM	04:25 PM - 04:30 PM	54.8	51.4
11:05 AM - 11:10 AM	52.3	47.8	01:45 PM - 01:50 PM	01:50 PM - 01:55 PM	50.8	47.1	04:25 PM - 04:30 PM	04:30 PM - 04:35 PM	54.9	52.4
11:10 AM - 11:15 AM	49.6	47.4	01:50 PM - 01:55 PM	01:55 PM - 02:00 PM	49.7	47.0	04:30 PM - 04:35 PM	04:35 PM - 04:40 PM	53.8	50.9
11:15 AM - 11:20 AM	48.7	47.0	01:55 PM - 02:00 PM	02:00 PM - 02:05 PM	51.4	47.9	04:35 PM - 04:40 PM	04:40 PM - 04:45 PM	51.5	47.7
11:20 AM - 11:25 AM	48.7	47.3	02:00 PM - 02:05 PM	02:05 PM - 02:10 PM	51.5	47.9	04:40 PM - 04:45 PM	04:45 PM - 04:50 PM	52.8	47.6
11:25 AM - 11:30 AM	49.0	47.3	02:05 PM - 02:10 PM	02:10 PM - 02:15 PM	51.2	47.9	04:45 PM - 04:50 PM	04:50 PM - 04:55 PM	51.3	47.9
11:30 AM - 11:35 AM	49.5	47.5	02:10 PM - 02:15 PM	02:15 PM - 02:20 PM	50.4	47.8	04:50 PM - 04:55 PM	04:55 PM - 05:00 PM	52.5	48.7
11:35 AM - 11:40 AM	50.5	47.3	02:15 PM - 02:20 PM	02:20 PM - 02:25 PM	49.0	46.8	04:55 PM - 05:00 PM	05:00 PM - 05:05 PM	50.8	48.4
11:40 AM - 11:45 AM	53.0	48.6	02:20 PM - 02:25 PM	02:25 PM - 02:30 PM	49.5	46.9	05:00 PM - 05:05 PM	05:05 PM - 05:10 PM	51.0	48.8
11:45 AM - 11:50 AM	52.9	49.7	02:25 PM - 02:30 PM	02:30 PM - 02:35 PM	51.0	47.2	05:05 PM - 05:10 PM	05:10 PM - 05:15 PM	50.4	48.0
11:50 AM - 11:55 AM	53.1	49.9	02:30 PM - 02:35 PM	02:35 PM - 02:40 PM	49.6	47.2	05:10 PM - 05:15 PM	05:15 PM - 05:20 PM	51.5	48.1
11:55 AM - 12:00 PM	53.5	49.4	02:35 PM - 02:40 PM	02:40 PM - 02:45 PM	49.5	47.9	05:15 PM - 05:20 PM	05:20 PM - 05:25 PM	50.5	48.3
12:00 PM - 12:05 PM	53.3	50.5	02:40 PM - 02:45 PM	02:45 PM - 02:50 PM	49.9	47.5	05:20 PM - 05:25 PM	05:25 PM - 05:30 PM	50.6	47.6
12:05 PM - 12:10 PM	52.9	48.7	02:45 PM - 02:50 PM	02:50 PM - 02:55 PM	49.5	47.2	05:25 PM - 05:30 PM	05:30 PM - 05:35 PM	50.2	47.9
12:10 PM - 12:15 PM	53.1	47.5	02:50 PM - 02:55 PM	02:55 PM - 03:00 PM	50.9	47.4	05:30 PM - 05:35 PM	05:35 PM - 05:40 PM	49.4	45.9
12:15 PM - 12:20 PM	50.5	47.7	02:55 PM - 03:00 PM	03:00 PM - 03:05 PM	50.8	47.8	05:35 PM - 05:40 PM	05:40 PM - 05:45 PM	50.7	48.0
12:20 PM - 12:25 PM	49.5	47.4	03:00 PM - 03:05 PM	03:05 PM - 03:10 PM	51.0	47.1	05:40 PM - 05:45 PM	05:45 PM - 05:50 PM	50.4	47.7
12:25 PM - 12:30 PM	48.8	47.1	03:05 PM - 03:10 PM	03:10 PM - 03:15 PM	49.1	47.1	05:45 PM - 05:50 PM	05:50 PM - 05:55 PM	49.6	47.7
12:30 PM - 12:35 PM	51.9	47.8	03:10 PM - 03:15 PM	03:15 PM - 03:20 PM	50.1	47.1	05:50 PM - 05:55 PM	05:55 PM - 06:00 PM	49.7	47.9
12:35 PM - 12:40 PM	49.8	47.6	03:15 PM - 03:20 PM		50.6	47.1			52.0	48.0

Approved by

Sirayuth Jitrantorn

Sirayuth Jitrantorn
Assistant General Manager

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675069-1

Page 2 of 3

Sample Number		2321121-1													
Parameter		Noise Level (Leq 5 min)													
Location		ตึกสำนักงาน (GPS 47P 0735038, 1405843)													
Measurement Date		May 25 - May 26, 2023													
Measurement by		Nantawat Sarin													
Sound Level meter		Serial No. 623393													
May 25, 2023		Leq	L90	May 25, 2023				Leq	L90	May 25 - May 26, 2023				Leq	L90
Time		dB(A)	dB(A)	Time				dB(A)	dB(A)	Time				dB(A)	dB(A)
06:00 PM - 06:05 PM		51.6	47.5	08:40 PM - 08:45 PM			49.0	46.2	11:20 PM - 11:25 PM			47.7	45.8		
06:05 PM - 06:10 PM		50.3	47.9	08:45 PM - 08:50 PM			47.5	44.8	11:25 PM - 11:30 PM			48.1	46.4		
06:10 PM - 06:15 PM		49.9	47.3	08:50 PM - 08:55 PM			48.1	45.2	11:30 PM - 11:35 PM			47.6	45.8		
06:15 PM - 06:20 PM		55.0	48.6	08:55 PM - 09:00 PM			49.5	46.2	11:35 PM - 11:40 PM			46.5	45.2		
06:20 PM - 06:25 PM		52.9	48.4	09:00 PM - 09:05 PM			48.5	45.7	11:40 PM - 11:45 PM			46.1	45.1		
06:25 PM - 06:30 PM		58.8	56.7	09:05 PM - 09:10 PM			47.4	45.7	11:45 PM - 11:50 PM			47.7	45.4		
06:30 PM - 06:35 PM		59.4	58.0	09:10 PM - 09:15 PM			47.0	45.6	11:50 PM - 11:55 PM			48.4	47.6		
06:35 PM - 06:40 PM		55.3	51.9	09:15 PM - 09:20 PM			48.4	46.0	11:55 PM - 12:00 AM			45.9	44.7		
06:40 PM - 06:45 PM		50.0	47.4	09:20 PM - 09:25 PM			48.2	46.3	12:00 AM - 12:05 AM			47.7	45.3		
06:45 PM - 06:50 PM		50.2	47.5	09:25 PM - 09:30 PM			47.3	45.5	12:05 AM - 12:10 AM			47.2	44.2		
06:50 PM - 06:55 PM		50.3	48.1	09:30 PM - 09:35 PM			47.1	45.3	12:10 AM - 12:15 AM			46.7	43.9		
06:55 PM - 07:00 PM		51.5	48.6	09:35 PM - 09:40 PM			46.9	45.4	12:15 AM - 12:20 AM			45.4	44.4		
07:00 PM - 07:05 PM		53.5	48.3	09:40 PM - 09:45 PM			47.1	45.3	12:20 AM - 12:25 AM			45.8	44.5		
07:05 PM - 07:10 PM		51.9	48.5	09:45 PM - 09:50 PM			47.0	45.4	12:25 AM - 12:30 AM			45.8	44.1		
07:10 PM - 07:15 PM		52.8	47.9	09:50 PM - 09:55 PM			49.2	46.5	12:30 AM - 12:35 AM			45.2	44.2		
07:15 PM - 07:20 PM		53.4	47.9	09:55 PM - 10:00 PM			50.8	47.0	12:35 AM - 12:40 AM			45.5	44.4		
07:20 PM - 07:25 PM		56.8	47.4	10:00 PM - 10:05 PM			49.5	46.6	12:40 AM - 12:45 AM			45.4	44.3		
07:25 PM - 07:30 PM		52.5	48.1	10:05 PM - 10:10 PM			47.3	45.3	12:45 AM - 12:50 AM			45.0	43.1		
07:30 PM - 07:35 PM		53.1	45.6	10:10 PM - 10:15 PM			46.7	44.5	12:50 AM - 12:55 AM			44.8	43.8		
07:35 PM - 07:40 PM		49.4	46.3	10:15 PM - 10:20 PM			47.5	44.9	12:55 AM - 01:00 AM			45.0	44.3		
07:40 PM - 07:45 PM		50.7	46.7	10:20 PM - 10:25 PM			46.7	45.6	01:00 AM - 01:05 AM			45.5	44.4		
07:45 PM - 07:50 PM		54.3	48.9	10:25 PM - 10:30 PM			54.2	45.6	01:05 AM - 01:10 AM			45.5	44.1		
07:50 PM - 07:55 PM		52.1	48.2	10:30 PM - 10:35 PM			49.4	47.3	01:10 AM - 01:15 AM			45.7	44.3		
07:55 PM - 08:00 PM		51.5	48.2	10:35 PM - 10:40 PM			47.1	45.6	01:15 AM - 01:20 AM			45.2	44.2		
08:00 PM - 08:05 PM		50.0	47.5	10:40 PM - 10:45 PM			47.6	45.5	01:20 AM - 01:25 AM			44.6	43.0		
08:05 PM - 08:10 PM		48.1	46.5	10:45 PM - 10:50 PM			47.4	45.1	01:25 AM - 01:30 AM			44.1	43.1		
08:10 PM - 08:15 PM		48.1	46.1	10:50 PM - 10:55 PM			48.7	44.2	01:30 AM - 01:35 AM			45.6	44.5		
08:15 PM - 08:20 PM		48.2	46.2	10:55 PM - 11:00 PM			45.8	44.9	01:35 AM - 01:40 AM			45.7	44.7		
08:20 PM - 08:25 PM		48.0	46.2	11:00 PM - 11:05 PM			47.6	45.1	01:40 AM - 01:45 AM			46.3	45.1		
08:25 PM - 08:30 PM		47.9	45.9	11:05 PM - 11:10 PM			47.4	45.3	01:45 AM - 01:50 AM			46.3	45.3		
08:30 PM - 08:35 PM		47.0	45.6	11:10 PM - 11:15 PM			47.7	45.7	01:50 AM - 01:55 AM			47.2	44.7		
08:35 PM - 08:40 PM		49.5	46.6	11:15 PM - 11:20 PM			47.0	45.4	01:55 AM - 02:00 AM			45.9	45.0		

Approved by

Sarayuth Jitrantorn
Assistant General Manager

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675069-1

Page 3 of 3

Sample Number		2321121-1									
Parameter		Noise Level (Leq 5 min)									
Location		tuturTiaTana (GPS 47P 0735038, 1405843)									
Measurement Date		May 25 - May 26, 2023									
Measurement by		Nantawat Sarin									
Sound Level meter		Serial No. 623393									
May 26, 2023		Leq dB(A)	May 26, 2023		Leq dB(A)	May 26, 2023		Leq dB(A)	May 26, 2023		Leq dB(A)
Time		dB(A)	Time		dB(A)	Time		dB(A)	Time		dB(A)
02:00 AM - 02:05 AM	46.0	43.7	04:40 AM - 04:45 AM	47.5	45.4	07:20 AM - 07:25 AM	51.8	49.6	10:00 AM - 10:05 AM	47.5	49.6
02:05 AM - 02:10 AM	45.4	43.2	04:45 AM - 04:50 AM	47.3	45.7	07:25 AM - 07:30 AM	51.3	49.0	10:05 AM - 10:10 AM	45.7	49.0
02:10 AM - 02:15 AM	56.5	44.7	04:50 AM - 04:55 AM	46.8	45.8	07:30 AM - 07:35 AM	53.0	49.6	10:10 AM - 10:15 AM	46.8	49.6
02:15 AM - 02:20 AM	61.5	53.6	04:55 AM - 05:00 AM	47.4	45.9	07:35 AM - 07:40 AM	53.5	48.9	10:15 AM - 10:20 AM	47.4	48.9
02:20 AM - 02:25 AM	55.4	46.3	05:00 AM - 05:05 AM	52.0	46.5	07:40 AM - 07:45 AM	52.9	49.3	10:20 AM - 10:25 AM	46.5	49.3
02:25 AM - 02:30 AM	47.3	45.4	05:05 AM - 05:10 AM	60.7	59.4	07:45 AM - 07:50 AM	51.1	48.1	10:25 AM - 10:30 AM	51.1	48.1
02:30 AM - 02:35 AM	46.3	45.0	05:10 AM - 05:15 AM	58.1	54.4	07:50 AM - 07:55 AM	51.2	48.0	10:30 AM - 10:35 AM	51.2	48.0
02:35 AM - 02:40 AM	46.1	44.8	05:15 AM - 05:20 AM	50.8	47.1	07:55 AM - 08:00 AM	51.7	48.4	10:35 AM - 10:40 AM	51.7	48.4
02:40 AM - 02:45 AM	47.4	44.1	05:20 AM - 05:25 AM	49.5	47.3	08:00 AM - 08:05 AM	52.8	48.8	10:40 AM - 10:45 AM	49.5	47.3
02:45 AM - 02:50 AM	47.8	44.9	05:25 AM - 05:30 AM	49.1	47.2	08:05 AM - 08:10 AM	51.1	48.2	10:45 AM - 10:50 AM	49.1	47.2
02:50 AM - 02:55 AM	50.9	45.1	05:30 AM - 05:35 AM	50.2	47.2	08:10 AM - 08:15 AM	50.1	47.6	10:50 AM - 10:55 AM	50.2	47.2
02:55 AM - 03:00 AM	46.9	44.8	05:35 AM - 05:40 AM	49.3	47.7	08:15 AM - 08:20 AM	53.0	49.4	10:55 AM - 11:00 AM	49.3	47.7
03:00 AM - 03:05 AM	48.9	45.2	05:40 AM - 05:45 AM	49.9	48.2	08:20 AM - 08:25 AM	51.6	49.2	11:00 AM - 11:05 AM	49.9	48.2
03:05 AM - 03:10 AM	56.8	45.8	05:45 AM - 05:50 AM	51.0	49.2	08:25 AM - 08:30 AM	50.8	48.3	11:05 AM - 11:10 AM	51.0	49.2
03:10 AM - 03:15 AM	49.2	45.5	05:50 AM - 05:55 AM	51.4	48.8	08:30 AM - 08:35 AM	51.4	48.2	11:10 AM - 11:15 AM	51.4	48.2
03:15 AM - 03:20 AM	48.4	44.9	05:55 AM - 06:00 AM	51.3	48.6	08:35 AM - 08:40 AM	51.2	47.9	11:15 AM - 11:20 AM	51.3	47.9
03:20 AM - 03:25 AM	49.5	43.7	06:00 AM - 06:05 AM	50.7	48.7	08:40 AM - 08:45 AM	50.7	48.1	11:20 AM - 11:25 AM	50.7	48.1
03:25 AM - 03:30 AM	47.3	44.7	06:05 AM - 06:10 AM	51.5	49.1	08:45 AM - 08:50 AM	49.3	47.3	11:25 AM - 11:30 AM	51.5	49.1
03:30 AM - 03:35 AM	45.6	44.3	06:10 AM - 06:15 AM	51.4	49.2	08:50 AM - 08:55 AM	50.4	47.0	11:30 AM - 11:35 AM	51.4	49.2
03:35 AM - 03:40 AM	44.9	44.4	06:15 AM - 06:20 AM	56.7	48.8	08:55 AM - 09:00 AM	52.5	46.6	11:35 AM - 11:40 AM	56.7	48.8
03:40 AM - 03:45 AM	45.1	44.5	06:20 AM - 06:25 AM	51.9	49.5	09:00 AM - 09:05 AM	52.6	47.1	11:40 AM - 11:45 AM	51.9	49.5
03:45 AM - 03:50 AM	45.4	44.7	06:25 AM - 06:30 AM	52.3	49.8	09:05 AM - 09:10 AM	51.4	47.1	11:45 AM - 11:50 AM	52.3	49.8
03:50 AM - 03:55 AM	46.2	45.0	06:30 AM - 06:35 AM	51.5	49.8	09:10 AM - 09:15 AM	51.3	47.4	11:50 AM - 11:55 AM	51.5	49.8
03:55 AM - 04:00 AM	46.7	45.1	06:35 AM - 06:40 AM	52.3	49.6	09:15 AM - 09:20 AM	50.1	47.0	11:55 AM - 12:00 AM	52.3	49.6
04:00 AM - 04:05 AM	46.0	44.7	06:40 AM - 06:45 AM	53.2	50.3	09:20 AM - 09:25 AM	53.8	47.1			
04:05 AM - 04:10 AM	46.8	45.9	06:45 AM - 06:50 AM	55.0	50.6	09:25 AM - 09:30 AM	49.9	47.0			
04:10 AM - 04:15 AM	47.8	46.1	06:50 AM - 06:55 AM	53.9	50.1	09:30 AM - 09:35 AM	51.0	47.4			
04:15 AM - 04:20 AM	46.6	45.4	06:55 AM - 07:00 AM	53.4	50.1	09:35 AM - 09:40 AM	52.8	47.2			
04:20 AM - 04:25 AM	47.3	45.7	07:00 AM - 07:05 AM	52.6	49.7	09:40 AM - 09:45 AM	48.9	45.7			
04:25 AM - 04:30 AM	47.1	45.7	07:05 AM - 07:10 AM	51.7	49.7	09:45 AM - 09:50 AM	50.7	47.3			
04:30 AM - 04:35 AM	47.1	45.8	07:10 AM - 07:15 AM	50.7	48.7	09:50 AM - 09:55 AM	52.6	47.0			
04:35 AM - 04:40 AM	46.9	45.1	07:15 AM - 07:20 AM	52.5	49.3	09:55 AM - 10:00 AM	50.3	47.5			



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675070-1

Page 1 of 3

Sample Number		2321121-2			
Parameter	Noise Level (Leq 5 min)	ตำบลบ้านนา (GPS 47P 0735038, 1405843)			
Location	May 26 - May 27, 2023	Nantawat Sarin			
Measurement Date		Serial No. 623393			
Measurement by					
Sound Level meter					
May 26, 2023	Leq dB(A)	L90 dB(A)	May 26, 2023 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	52.2	47.6	12:40 PM - 12:45 PM	58.3	48.7
10:05 AM - 10:10 AM	51.0	47.4	12:45 PM - 12:50 PM	49.5	47.7
10:10 AM - 10:15 AM	52.6	48.0	12:50 PM - 12:55 PM	54.8	47.8
10:15 AM - 10:20 AM	52.2	49.6	12:55 PM - 01:00 PM	50.4	47.7
10:20 AM - 10:25 AM	51.1	49.7	01:00 PM - 01:05 PM	49.5	46.8
10:25 AM - 10:30 AM	51.3	49.7	01:05 PM - 01:10 PM	50.5	47.3
10:30 AM - 10:35 AM	55.0	49.3	01:10 PM - 01:15 PM	49.3	46.4
10:35 AM - 10:40 AM	58.5	53.2	01:15 PM - 01:20 PM	52.4	47.9
10:40 AM - 10:45 AM	54.1	49.1	01:20 PM - 01:25 PM	50.7	47.7
10:45 AM - 10:50 AM	50.9	49.0	01:25 PM - 01:30 PM	49.5	46.4
10:50 AM - 10:55 AM	50.3	49.0	01:30 PM - 01:35 PM	53.6	46.8
10:55 AM - 11:00 AM	54.3	49.2	01:35 PM - 01:40 PM	57.5	47.3
11:00 AM - 11:05 AM	52.9	49.8	01:40 PM - 01:45 PM	53.5	47.0
11:05 AM - 11:10 AM	54.7	49.7	01:45 PM - 01:50 PM	52.3	47.3
11:10 AM - 11:15 AM	53.4	49.9	01:50 PM - 01:55 PM	50.3	47.2
11:15 AM - 11:20 AM	53.2	50.2	01:55 PM - 02:00 PM	49.1	47.0
11:20 AM - 11:25 AM	52.5	49.8	02:00 PM - 02:05 PM	48.9	46.7
11:25 AM - 11:30 AM	57.5	50.0	02:05 PM - 02:10 PM	53.3	46.8
11:30 AM - 11:35 AM	54.8	49.3	02:10 PM - 02:15 PM	51.9	47.6
11:35 AM - 11:40 AM	51.1	48.2	02:15 PM - 02:20 PM	49.6	46.4
11:40 AM - 11:45 AM	52.0	48.9	02:20 PM - 02:25 PM	50.8	46.3
11:45 AM - 11:50 AM	52.8	50.2	02:25 PM - 02:30 PM	49.3	46.5
11:50 AM - 11:55 AM	52.5	50.0	02:30 PM - 02:35 PM	49.8	46.8
11:55 AM - 12:00 PM	52.7	49.9	02:35 PM - 02:40 PM	49.6	46.7
12:00 PM - 12:05 PM	52.4	49.9	02:40 PM - 02:45 PM	48.0	46.0
12:05 PM - 12:10 PM	53.7	50.3	02:45 PM - 02:50 PM	48.2	46.4
12:10 PM - 12:15 PM	50.8	47.2	02:50 PM - 02:55 PM	49.3	46.6
12:15 PM - 12:20 PM	56.2	47.6	02:55 PM - 03:00 PM	50.3	47.3
12:20 PM - 12:25 PM	50.1	47.5	03:00 PM - 03:05 PM	52.2	47.6
12:25 PM - 12:30 PM	51.0	48.0	03:05 PM - 03:10 PM	50.4	47.6
12:30 PM - 12:35 PM	58.1	48.3	03:10 PM - 03:15 PM	49.7	47.8
12:35 PM - 12:40 PM	55.4	47.9	03:15 PM - 03:20 PM	49.2	47.4

Sarayuth Jitranont
Assistant General Manager

Approved by

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675070-1

Page 2 of 3

Sample Number		2321121-2					
Parameter		Noise Level (Leq 5 min)					
Location		ตำบลบ้านนา (GPS 47P 0735038, 1405843)					
Measurement Date		May 26 - May 27, 2023					
Measurement by		Nantawat Sarin					
Sound Level meter		Serial No. 623393					
May 26, 2023	Leq dB(A)	May 26, 2023 Time	Leq dB(A)	L90 dB(A)	May 26 - May 27, 2023 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	50.6	08:40 PM - 08:45 PM	48.8	46.2	11:20 PM - 11:25 PM	48.4	46.5
06:05 PM - 06:10 PM	50.1	08:45 PM - 08:50 PM	48.6	46.0	11:25 PM - 11:30 PM	56.9	46.7
06:10 PM - 06:15 PM	49.1	08:50 PM - 08:55 PM	48.0	46.1	11:30 PM - 11:35 PM	48.8	46.7
06:15 PM - 06:20 PM	50.9	08:55 PM - 09:00 PM	48.9	46.8	11:35 PM - 11:40 PM	47.2	45.5
06:20 PM - 06:25 PM	52.1	09:00 PM - 09:05 PM	48.0	45.9	11:40 PM - 11:45 PM	46.9	45.4
06:25 PM - 06:30 PM	61.2	09:05 PM - 09:10 PM	49.1	46.2	11:45 PM - 11:50 PM	47.4	46.1
06:30 PM - 06:35 PM	60.6	09:10 PM - 09:15 PM	49.6	46.7	11:50 PM - 11:55 PM	49.8	46.9
06:35 PM - 06:40 PM	55.9	09:15 PM - 09:20 PM	49.7	47.8	11:55 PM - 12:00 AM	50.4	48.3
06:40 PM - 06:45 PM	50.6	09:20 PM - 09:25 PM	49.5	47.4	12:00 AM - 12:05 AM	48.9	46.9
06:45 PM - 06:50 PM	49.2	09:25 PM - 09:30 PM	48.5	47.0	12:05 AM - 12:10 AM	49.6	47.1
06:50 PM - 06:55 PM	51.7	09:30 PM - 09:35 PM	50.6	46.8	12:10 AM - 12:15 AM	49.5	47.6
06:55 PM - 07:00 PM	51.2	09:35 PM - 09:40 PM	47.3	45.4	12:15 AM - 12:20 AM	49.4	46.8
07:00 PM - 07:05 PM	51.2	09:40 PM - 09:45 PM	47.6	44.6	12:20 AM - 12:25 AM	51.6	47.9
07:05 PM - 07:10 PM	49.4	09:45 PM - 09:50 PM	48.3	45.9	12:25 AM - 12:30 AM	50.4	48.2
07:10 PM - 07:15 PM	49.8	09:50 PM - 09:55 PM	50.2	46.8	12:30 AM - 12:35 AM	51.1	47.8
07:15 PM - 07:20 PM	51.1	09:55 PM - 10:00 PM	50.9	46.5	12:35 AM - 12:40 AM	51.4	48.0
07:20 PM - 07:25 PM	51.8	10:00 PM - 10:05 PM	58.3	46.8	12:40 AM - 12:45 AM	52.1	47.8
07:25 PM - 07:30 PM	51.3	10:05 PM - 10:10 PM	56.5	53.4	12:45 AM - 12:50 AM	51.0	47.7
07:30 PM - 07:35 PM	51.6	10:10 PM - 10:15 PM	62.3	53.6	12:50 AM - 12:55 AM	51.4	48.0
07:35 PM - 07:40 PM	51.7	10:15 PM - 10:20 PM	58.9	47.0	12:55 AM - 01:00 AM	48.5	46.4
07:40 PM - 07:45 PM	52.5	10:20 PM - 10:25 PM	50.2	46.1	01:00 AM - 01:05 AM	49.2	46.3
07:45 PM - 07:50 PM	49.8	10:25 PM - 10:30 PM	49.1	46.8	01:05 AM - 01:10 AM	48.9	46.9
07:50 PM - 07:55 PM	51.7	10:30 PM - 10:35 PM	47.9	46.2	01:10 AM - 01:15 AM	49.8	46.5
07:55 PM - 08:00 PM	50.1	10:35 PM - 10:40 PM	48.9	46.1	01:15 AM - 01:20 AM	50.3	47.4
08:00 PM - 08:05 PM	48.6	10:40 PM - 10:45 PM	48.5	45.6	01:20 AM - 01:25 AM	49.6	46.6
08:05 PM - 08:10 PM	49.8	10:45 PM - 10:50 PM	47.2	45.6	01:25 AM - 01:30 AM	50.2	47.3
08:10 PM - 08:15 PM	49.4	10:50 PM - 10:55 PM	49.1	47.6	01:30 AM - 01:35 AM	49.9	47.3
08:15 PM - 08:20 PM	47.8	10:55 PM - 11:00 PM	48.5	46.4	01:35 AM - 01:40 AM	49.1	47.2
08:20 PM - 08:25 PM	48.8	11:00 PM - 11:05 PM	49.3	46.8	01:40 AM - 01:45 AM	49.2	46.2
08:25 PM - 08:30 PM	48.6	11:05 PM - 11:10 PM	53.4	47.5	01:45 AM - 01:50 AM	50.5	46.4
08:30 PM - 08:35 PM	49.9	11:10 PM - 11:15 PM	49.4	47.4	01:50 AM - 01:55 AM	48.2	46.7
08:35 PM - 08:40 PM	48.3	11:15 PM - 11:20 PM	49.6	47.6	01:55 AM - 02:00 AM	48.9	46.9

Approved by

Sarayuth Jitranont
Assistant General Manager

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675070-1

Page 3 of 3

Sample Number : 2321121-2
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่ (GPS 47P 0735038, 1405843)
Measurement Date : May 26 - May 27, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 623393

May 27, 2023 Time	Leq dB(A)	May 27, 2023 Time	Leq dB(A)	May 27, 2023 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	52.7	04:40 AM - 04:45 AM	47.1	07:20 AM - 07:25 AM	51.0	48.8
02:05 AM - 02:10 AM	48.8	04:45 AM - 04:50 AM	47.1	07:25 AM - 07:30 AM	51.0	48.4
02:10 AM - 02:15 AM	48.6	04:50 AM - 04:55 AM	46.5	07:30 AM - 07:35 AM	50.8	48.6
02:15 AM - 02:20 AM	46.9	04:55 AM - 05:00 AM	47.8	07:35 AM - 07:40 AM	53.2	49.0
02:20 AM - 02:25 AM	48.4	05:00 AM - 05:05 AM	49.2	07:40 AM - 07:45 AM	51.4	48.5
02:25 AM - 02:30 AM	47.4	05:05 AM - 05:10 AM	55.3	07:45 AM - 07:50 AM	50.6	48.4
02:30 AM - 02:35 AM	46.3	05:10 AM - 05:15 AM	61.6	07:50 AM - 07:55 AM	52.3	49.4
02:35 AM - 02:40 AM	46.4	05:15 AM - 05:20 AM	54.2	07:55 AM - 08:00 AM	54.2	49.4
02:40 AM - 02:45 AM	47.5	05:20 AM - 05:25 AM	49.7	08:00 AM - 08:05 AM	54.3	48.6
02:45 AM - 02:50 AM	47.6	05:25 AM - 05:30 AM	49.1	08:05 AM - 08:10 AM	54.4	48.9
02:50 AM - 02:55 AM	44.5	05:30 AM - 05:35 AM	50.0	08:10 AM - 08:15 AM	55.4	49.0
02:55 AM - 03:00 AM	45.2	05:35 AM - 05:40 AM	50.1	08:15 AM - 08:20 AM	54.1	48.5
03:00 AM - 03:05 AM	47.6	05:40 AM - 05:45 AM	51.7	08:20 AM - 08:25 AM	54.8	48.9
03:05 AM - 03:10 AM	49.9	05:45 AM - 05:50 AM	50.5	08:25 AM - 08:30 AM	53.3	49.1
03:10 AM - 03:15 AM	48.5	05:50 AM - 05:55 AM	49.3	08:30 AM - 08:35 AM	55.1	49.2
03:15 AM - 03:20 AM	57.4	05:55 AM - 06:00 AM	50.6	08:35 AM - 08:40 AM	53.9	48.7
03:20 AM - 03:25 AM	47.2	06:00 AM - 06:05 AM	50.3	08:40 AM - 08:45 AM	56.5	48.5
03:25 AM - 03:30 AM	47.0	06:05 AM - 06:10 AM	50.2	08:45 AM - 08:50 AM	50.4	47.7
03:30 AM - 03:35 AM	45.3	06:10 AM - 06:15 AM	51.0	08:50 AM - 08:55 AM	52.5	48.6
03:35 AM - 03:40 AM	45.7	06:15 AM - 06:20 AM	51.5	08:55 AM - 09:00 AM	52.0	47.5
03:40 AM - 03:45 AM	46.0	06:20 AM - 06:25 AM	51.4	09:00 AM - 09:05 AM	50.0	46.7
03:45 AM - 03:50 AM	45.8	06:25 AM - 06:30 AM	52.5	09:05 AM - 09:10 AM	49.4	47.5
03:50 AM - 03:55 AM	45.7	06:30 AM - 06:35 AM	51.0	09:10 AM - 09:15 AM	51.3	48.3
03:55 AM - 04:00 AM	45.4	06:35 AM - 06:40 AM	52.4	09:15 AM - 09:20 AM	50.2	47.4
04:00 AM - 04:05 AM	46.0	06:40 AM - 06:45 AM	50.9	09:20 AM - 09:25 AM	50.8	47.9
04:05 AM - 04:10 AM	45.7	06:45 AM - 06:50 AM	52.9	09:25 AM - 09:30 AM	50.2	47.8
04:10 AM - 04:15 AM	45.8	06:50 AM - 06:55 AM	51.8	09:30 AM - 09:35 AM	50.1	47.7
04:15 AM - 04:20 AM	46.1	06:55 AM - 07:00 AM	51.7	09:35 AM - 09:40 AM	51.7	48.1
04:20 AM - 04:25 AM	46.2	07:00 AM - 07:05 AM	49.4	09:40 AM - 09:45 AM	52.4	50.6
04:25 AM - 04:30 AM	47.5	07:05 AM - 07:10 AM	52.3	09:45 AM - 09:50 AM	52.1	48.3
04:30 AM - 04:35 AM	46.3	07:10 AM - 07:15 AM	52.3	09:50 AM - 09:55 AM	48.9	47.3
04:35 AM - 04:40 AM	47.7	07:15 AM - 07:20 AM	51.2	09:55 AM - 10:00 AM	50.7	48.0

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Approved by

Sarayuth Jitranont
Assistant General Manager

Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675071-1

Page 1 of 3

Sample Number : 2321121-3
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่ (GPS 47P 0735038, 1405843)
Measurement Date : May 27 - May 28, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 623393

May 27, 2023 Time	Leq dB(A)	May 27, 2023 Time	Leq dB(A)	May 27, 2023 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	55.3	12:40 PM - 12:45 PM	50.7	03:20 PM - 03:25 PM	51.9	48.8
10:05 AM - 10:10 AM	56.5	12:45 PM - 12:50 PM	50.6	03:25 PM - 03:30 PM	52.3	48.4
10:10 AM - 10:15 AM	53.2	12:50 PM - 12:55 PM	55.1	03:30 PM - 03:35 PM	53.5	49.5
10:15 AM - 10:20 AM	54.7	12:55 PM - 01:00 PM	53.7	03:35 PM - 03:40 PM	51.3	47.8
10:20 AM - 10:25 AM	51.5	01:00 PM - 01:05 PM	55.7	03:40 PM - 03:45 PM	51.9	48.5
10:25 AM - 10:30 AM	53.3	01:05 PM - 01:10 PM	54.8	03:45 PM - 03:50 PM	54.6	51.0
10:30 AM - 10:35 AM	56.4	01:10 PM - 01:15 PM	56.1	03:50 PM - 03:55 PM	52.9	48.7
10:35 AM - 10:40 AM	53.3	01:15 PM - 01:20 PM	56.4	03:55 PM - 04:00 PM	53.0	48.9
10:40 AM - 10:45 AM	52.8	01:20 PM - 01:25 PM	54.9	04:00 PM - 04:05 PM	53.7	49.2
10:45 AM - 10:50 AM	53.0	01:25 PM - 01:30 PM	54.9	04:05 PM - 04:10 PM	54.5	48.2
10:50 AM - 10:55 AM	53.2	01:30 PM - 01:35 PM	54.2	04:10 PM - 04:15 PM	52.7	49.2
10:55 AM - 11:00 AM	51.0	01:35 PM - 01:40 PM	57.4	04:15 PM - 04:20 PM	52.5	48.6
11:00 AM - 11:05 AM	52.6	01:40 PM - 01:45 PM	58.3	04:20 PM - 04:25 PM	52.5	48.8
11:05 AM - 11:10 AM	50.6	01:45 PM - 01:50 PM	58.5	04:25 PM - 04:30 PM	51.5	48.5
11:10 AM - 11:15 AM	50.4	01:50 PM - 01:55 PM	53.0	04:30 PM - 04:35 PM	50.7	48.3
11:15 AM - 11:20 AM	51.8	01:55 PM - 02:00 PM	57.8	04:35 PM - 04:40 PM	50.1	46.8
11:20 AM - 11:25 AM	51.2	02:00 PM - 02:05 PM	56.2	04:40 PM - 04:45 PM	48.8	47.1
11:25 AM - 11:30 AM	50.7	02:05 PM - 02:10 PM	58.6	04:45 PM - 04:50 PM	49.3	47.3
11:30 AM - 11:35 AM	49.7	02:10 PM - 02:15 PM	61.5	04:50 PM - 04:55 PM	49.9	47.2
11:35 AM - 11:40 AM	52.6	02:15 PM - 02:20 PM	60.0	04:55 PM - 05:00 PM	50.8	48.0
11:40 AM - 11:45 AM	51.0	02:20 PM - 02:25 PM	56.5	05:00 PM - 05:05 PM	49.3	46.8
11:45 AM - 11:50 AM	48.5	02:25 PM - 02:30 PM	56.1	05:05 PM - 05:10 PM	50.0	47.3
11:50 AM - 11:55 AM	48.5	02:30 PM - 02:35 PM	55.0	05:10 PM - 05:15 PM	52.0	47.3
11:55 AM - 12:00 PM	48.9	02:35 PM - 02:40 PM	55.1	05:15 PM - 05:20 PM	49.3	47.3
12:00 PM - 12:05 PM	48.3	02:40 PM - 02:45 PM	57.4	05:20 PM - 05:25 PM	49.1	46.9
12:05 PM - 12:10 PM	48.7	02:45 PM - 02:50 PM	56.9	05:25 PM - 05:30 PM	49.5	47.3
12:10 PM - 12:15 PM	47.5	02:50 PM - 02:55 PM	52.8	05:30 PM - 05:35 PM	51.3	47.0
12:15 PM - 12:20 PM	48.4	02:55 PM - 03:00 PM	53.5	05:35 PM - 05:40 PM	49.4	46.7
12:20 PM - 12:25 PM	49.9	03:00 PM - 03:05 PM	57.2	05:40 PM - 05:45 PM	50.4	47.6
12:25 PM - 12:30 PM	49.3	03:05 PM - 03:10 PM	58.4	05:45 PM - 05:50 PM	51.7	48.6
12:30 PM - 12:35 PM	49.7	03:10 PM - 03:15 PM	60.9	05:50 PM - 05:55 PM	50.5	47.5
12:35 PM - 12:40 PM	49.2	03:15 PM - 03:20 PM	56.6	05:55 PM - 06:00 PM	50.5	47.7

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675071-1

Page 2 of 3

Sample Number	2321121-3	Leq	L90	May 27, 2023	Leq	L90	May 27, 2023	Leq	L90
Parameter	Noise Level (Leq 5 min)	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
Location	ตามบ้าน (GPS 47P 0735038, 1405843)								
Measurement Date	May 27 - May 28, 2023								
Measurement by	Nantawat Sarin								
Sound Level meter	Serial No. 623393								
06:00 PM - 06:05 PM	51.6	47.4	47.4	08:40 PM - 08:45 PM	53.7	46.9	11:20 PM - 11:25 PM	46.9	45.0
06:05 PM - 06:10 PM	49.7	47.3	47.3	08:45 PM - 08:50 PM	48.8	45.3	11:25 PM - 11:30 PM	45.9	43.8
06:10 PM - 06:15 PM	49.9	46.6	46.6	08:50 PM - 08:55 PM	53.3	46.7	11:30 PM - 11:35 PM	46.8	45.3
06:15 PM - 06:20 PM	51.6	47.2	47.2	08:55 PM - 09:00 PM	50.9	47.0	11:35 PM - 11:40 PM	46.6	45.1
06:20 PM - 06:25 PM	56.8	50.5	50.5	09:00 PM - 09:05 PM	50.8	46.5	11:40 PM - 11:45 PM	48.0	45.0
06:25 PM - 06:30 PM	59.0	57.4	57.4	09:05 PM - 09:10 PM	48.8	46.0	11:45 PM - 11:50 PM	47.1	45.2
06:30 PM - 06:35 PM	56.5	54.4	54.4	09:10 PM - 09:15 PM	47.2	45.0	11:50 PM - 11:55 PM	46.5	45.2
06:35 PM - 06:40 PM	55.5	49.9	49.9	09:15 PM - 09:20 PM	58.1	45.5	11:55 PM - 12:00 PM	48.4	45.3
06:40 PM - 06:45 PM	55.4	49.3	49.3	09:20 PM - 09:25 PM	48.2	45.8	12:00 PM - 12:05 PM	46.1	43.9
06:45 PM - 06:50 PM	55.3	49.6	49.6	09:25 PM - 09:30 PM	48.3	44.5	12:05 PM - 12:10 PM	46.0	44.4
06:50 PM - 06:55 PM	53.4	49.5	49.5	09:30 PM - 09:35 PM	47.7	44.0	12:10 PM - 12:15 PM	46.1	44.5
06:55 PM - 07:00 PM	51.9	49.1	49.1	09:35 PM - 09:40 PM	48.3	44.8	12:15 PM - 12:20 PM	46.2	45.0
07:00 PM - 07:05 PM	48.8	47.1	47.1	09:40 PM - 09:45 PM	47.9	45.4	12:20 PM - 12:25 PM	46.1	44.5
07:05 PM - 07:10 PM	50.1	47.9	47.9	09:45 PM - 09:50 PM	46.3	44.6	12:25 PM - 12:30 PM	46.9	45.1
07:10 PM - 07:15 PM	49.9	47.8	47.8	09:50 PM - 09:55 PM	47.0	45.3	12:30 PM - 12:35 PM	51.7	45.3
07:15 PM - 07:20 PM	51.6	47.9	47.9	09:55 PM - 10:00 PM	47.6	45.1	12:35 PM - 12:40 PM	47.2	44.7
07:20 PM - 07:25 PM	50.0	46.8	46.8	10:00 PM - 10:05 PM	56.1	45.4	12:40 PM - 12:45 PM	51.2	48.3
07:25 PM - 07:30 PM	49.0	46.8	46.8	10:05 PM - 10:10 PM	48.5	45.0	12:45 PM - 12:50 PM	47.7	45.5
07:30 PM - 07:35 PM	47.4	45.5	45.5	10:10 PM - 10:15 PM	47.1	44.5	12:50 PM - 12:55 PM	46.1	44.4
07:35 PM - 07:40 PM	48.9	46.4	46.4	10:15 PM - 10:20 PM	57.8	47.7	12:55 PM - 01:00 AM	45.0	44.1
07:40 PM - 07:45 PM	48.5	46.8	46.8	10:20 PM - 10:25 PM	48.6	45.4	01:00 AM - 01:05 AM	45.0	44.2
07:45 PM - 07:50 PM	48.8	46.8	46.8	10:25 PM - 10:30 PM	49.4	45.8	01:05 AM - 01:10 AM	45.2	44.0
07:50 PM - 07:55 PM	50.3	47.3	47.3	10:30 PM - 10:35 PM	49.5	45.8	01:10 AM - 01:15 AM	46.3	44.6
07:55 PM - 08:00 PM	52.2	47.3	47.3	10:35 PM - 10:40 PM	49.8	46.2	01:15 AM - 01:20 AM	45.2	44.0
08:00 PM - 08:05 PM	50.5	47.1	47.1	10:40 PM - 10:45 PM	50.9	45.7	01:20 AM - 01:25 AM	44.5	42.8
08:05 PM - 08:10 PM	54.5	48.0	48.0	10:45 PM - 10:50 PM	49.1	45.5	01:25 AM - 01:30 AM	44.9	44.1
08:10 PM - 08:15 PM	53.1	47.4	47.4	10:50 PM - 10:55 PM	48.1	45.8	01:30 AM - 01:35 AM	46.1	44.4
08:15 PM - 08:20 PM	50.4	46.6	46.6	10:55 PM - 11:00 PM	57.1	44.2	01:35 AM - 01:40 AM	45.7	44.8
08:20 PM - 08:25 PM	50.9	47.1	47.1	11:00 PM - 11:05 PM	47.2	44.7	01:40 AM - 01:45 AM	45.6	44.5
08:25 PM - 08:30 PM	50.2	46.5	46.5	11:05 PM - 11:10 PM	46.2	44.7	01:45 AM - 01:50 AM	46.8	44.5
08:30 PM - 08:35 PM	49.2	46.1	46.1	11:10 PM - 11:15 PM	47.2	45.3	01:50 AM - 01:55 AM	46.4	45.0
08:35 PM - 08:40 PM	50.4	46.3	46.3	11:15 PM - 11:20 PM	47.2	45.7	01:55 AM - 02:00 AM	45.0	43.6

Approved by

Sarayuth Jitrantorn
Assistant General Manager

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675071-1

Page 3 of 3

Sample Number	2321121-3	Leq	L90	May 28, 2023	Leq	L90	May 28, 2023	Leq	L90
Parameter	Noise Level (Leq 5 min)	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
Location	ตามบ้าน (GPS 47P 0735038, 1405843)								
Measurement Date	May 27 - May 28, 2023								
Measurement by	Nantawat Sarin								
Sound Level meter	Serial No. 623393								
02:00 AM - 02:05 AM	44.8	43.1	43.1	04:40 AM - 04:45 AM	46.3	44.0	07:20 AM - 07:25 AM	50.8	47.0
02:05 AM - 02:10 AM	45.0	44.0	44.0	04:45 AM - 04:50 AM	45.6	43.5	07:25 AM - 07:30 AM	49.8	46.4
02:10 AM - 02:15 AM	45.8	43.7	43.7	04:50 AM - 04:55 AM	46.1	43.2	07:30 AM - 07:35 AM	49.8	46.5
02:15 AM - 02:20 AM	44.1	43.6	43.6	04:55 AM - 05:00 AM	46.4	43.6	07:35 AM - 07:40 AM	50.7	46.5
02:20 AM - 02:25 AM	44.4	43.1	43.1	05:00 AM - 05:05 AM	47.8	44.4	07:40 AM - 07:45 AM	49.7	47.0
02:25 AM - 02:30 AM	44.7	43.0	43.0	05:05 AM - 05:10 AM	57.7	54.2	07:45 AM - 07:50 AM	55.2	47.9
02:30 AM - 02:35 AM	43.5	41.9	41.9	05:10 AM - 05:15 AM	54.4	52.9	07:50 AM - 07:55 AM	52.8	48.4
02:35 AM - 02:40 AM	43.3	40.8	40.8	05:15 AM - 05:20 AM	52.2	47.9	07:55 AM - 08:00 AM	52.0	48.9
02:40 AM - 02:45 AM	44.1	42.0	42.0	05:20 AM - 05:25 AM	48.7	46.4	08:00 AM - 08:05 AM	52.0	48.5
02:45 AM - 02:50 AM	45.6	43.4	43.4	05:25 AM - 05:30 AM	48.1	46.4	08:05 AM - 08:10 AM	55.2	48.4
02:50 AM - 02:55 AM	45.5	43.6	43.6	05:30 AM - 05:35 AM	48.8	46.3	08:10 AM - 08:15 AM	55.6	48.9
02:55 AM - 03:00 AM	45.1	42.9	42.9	05:35 AM - 05:40 AM	49.5	46.7	08:15 AM - 08:20 AM	57.4	49.4
03:00 AM - 03:05 AM	45.3	43.2	43.2	05:40 AM - 05:45 AM	49.3	47.0	08:20 AM - 08:25 AM	54.4	48.0
03:05 AM - 03:10 AM	44.3	42.8	42.8	05:45 AM - 05:50 AM	50.6	46.9	08:25 AM - 08:30 AM	53.1	48.9
03:10 AM - 03:15 AM	42.4	42.4	42.4	05:50 AM - 05:55 AM	49.6	46.8	08:30 AM - 08:35 AM	56.1	49.8
03:15 AM - 03:20 AM	41.9	40.8	40.8	05:55 AM - 06:00 AM	49.3	45.0	08:35 AM - 08:40 AM	53.1	48.3
03:20 AM - 03:25 AM	43.0	40.8	40.8	06:00 AM - 06:05 AM	48.8	46.6	08:40 AM - 08:45 AM	52.2	49.1
03:25 AM - 03:30 AM	44.2	42.8	42.8	06:05 AM - 06:10 AM	50.2	46.0	08:45 AM - 08:50 AM	53.2	48.9
03:30 AM - 03:35 AM	43.8	42.8	42.8	06:10 AM - 06:15 AM	48.6	46.5	08:50 AM - 08:55 AM	53.3	49.8
03:35 AM - 03:40 AM	45.3	43.1	43.1	06:15 AM - 06:20 AM	50.1	47.3	08:55 AM - 09:00 AM	55.4	48.9
03:40 AM - 03:45 AM	43.5	42.8	42.8	06:20 AM - 06:25 AM	50.4	47.1	09:00 AM - 09:05 AM	53.3	48.5
03:45 AM - 03:50 AM	44.4	43.3	43.3	06:25 AM - 06:30 AM	49.8	46.6	09:05 AM - 09:10 AM	53.9	49.4
03:50 AM - 03:55 AM	44.7	42.0	42.0	06:30 AM - 06:35 AM	48.8	46.0	09:10 AM - 09:15 AM	56.3	49.7
03:55 AM - 04:00 AM	48.1	41.4	41.4	06:35 AM - 06:40 AM	50.9	47.6	09:15 AM - 09:20 AM	54.8	49.6
04:00 AM - 04:05 AM	61.9	43.8	43.8	06:40 AM - 06:45 AM	53.0	47.1	09:20 AM - 09:25 AM	55.5	49.6
04:05 AM - 04:10 AM	58.9	43.8	43.8	06:45 AM - 06:50 AM	51.8	47.5	09:25 AM - 09:30 AM	56.0	50.7
04:10 AM - 04:15 AM	47.8	43.9	43.9	06:50 AM - 06:55 AM	51.5	48.1	09:30 AM - 09:35 AM	54.1	50.4
04:15 AM - 04:20 AM	46.1	43.6	43.6	06:55 AM - 07:00 AM	51.1	47.7	09:35 AM - 09:40 AM	53.1	49.1
04:20 AM - 04:25 AM	44.9	43.7	43.7	07:00 AM - 07:05 AM	52.7	48.2	09:40 AM - 09:45 AM	53.6	49.9
04:25 AM - 04:30 AM	46.3	44.1	44.1	07:05 AM - 07:10 AM	50.6	46.8	09:45 AM - 09:50 AM	54.8	49.6
04:30 AM - 04:35 AM	45.9	43.0	43.0	07:10 AM - 07:15 AM	48.3	45.7	09:50 AM - 09:55 AM	55.2	48.9
04:35 AM - 04:40 AM	46.6	43.1	43.1	07:15 AM - 07:20 AM	49.5	46.1	09:55 AM - 10:00 AM	55.2	49.0

Approved by

Sarayuth Jitrantorn
Assistant General Manager

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Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Analysis / Test Report

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675072-1

Page 1 of 3

Sample Number : 2321121-4
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่ (GPS 477 0735038, 1405843)
Measurement Date : May 28 - May 29, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 623393

May 28, 2023	Leq dB(A)	May 28, 2023	Leq dB(A)	May 28, 2023	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	51.3	12:40 PM - 12:45 PM	55.0	03:20 PM - 03:25 PM	50.0	44.5
10:05 AM - 10:10 AM	54.2	12:45 PM - 12:50 PM	51.2	03:25 PM - 03:30 PM	55.0	45.8
10:10 AM - 10:15 AM	52.6	12:50 PM - 12:55 PM	50.3	03:30 PM - 03:35 PM	52.8	45.8
10:15 AM - 10:20 AM	51.5	12:55 PM - 01:00 PM	49.3	03:35 PM - 03:40 PM	50.2	47.1
10:20 AM - 10:25 AM	52.2	01:00 PM - 01:05 PM	51.6	03:40 PM - 03:45 PM	49.6	46.5
10:25 AM - 10:30 AM	53.8	01:05 PM - 01:10 PM	51.4	03:45 PM - 03:50 PM	49.3	46.8
10:30 AM - 10:35 AM	54.9	01:10 PM - 01:15 PM	51.6	03:50 PM - 03:55 PM	50.6	47.9
10:35 AM - 10:40 AM	51.0	01:15 PM - 01:20 PM	58.0	03:55 PM - 04:00 PM	49.5	46.7
10:40 AM - 10:45 AM	50.9	01:20 PM - 01:25 PM	52.9	04:00 PM - 04:05 PM	48.7	46.1
10:45 AM - 10:50 AM	53.8	01:25 PM - 01:30 PM	53.0	04:05 PM - 04:10 PM	55.5	46.9
10:50 AM - 10:55 AM	50.4	01:30 PM - 01:35 PM	51.9	04:10 PM - 04:15 PM	49.7	47.4
10:55 AM - 11:00 AM	51.3	01:35 PM - 01:40 PM	51.1	04:15 PM - 04:20 PM	50.3	47.3
11:00 AM - 11:05 AM	49.0	01:40 PM - 01:45 PM	57.3	04:20 PM - 04:25 PM	52.9	47.6
11:05 AM - 11:10 AM	51.4	01:45 PM - 01:50 PM	48.8	04:25 PM - 04:30 PM	50.2	47.5
11:10 AM - 11:15 AM	51.1	01:50 PM - 01:55 PM	50.5	04:30 PM - 04:35 PM	53.0	47.4
11:15 AM - 11:20 AM	51.6	01:55 PM - 02:00 PM	49.3	04:35 PM - 04:40 PM	50.1	47.4
11:20 AM - 11:25 AM	49.1	02:00 PM - 02:05 PM	56.5	04:40 PM - 04:45 PM	51.1	46.9
11:25 AM - 11:30 AM	51.3	02:05 PM - 02:10 PM	50.7	04:45 PM - 04:50 PM	50.8	47.5
11:30 AM - 11:35 AM	50.8	02:10 PM - 02:15 PM	49.7	04:50 PM - 04:55 PM	51.1	48.4
11:35 AM - 11:40 AM	49.7	02:15 PM - 02:20 PM	50.3	04:55 PM - 05:00 PM	51.4	49.1
11:40 AM - 11:45 AM	49.8	02:20 PM - 02:25 PM	52.5	05:00 PM - 05:05 PM	52.4	48.5
11:45 AM - 11:50 AM	52.5	02:25 PM - 02:30 PM	51.2	05:05 PM - 05:10 PM	50.4	48.2
11:50 AM - 11:55 AM	51.8	02:30 PM - 02:35 PM	50.5	05:10 PM - 05:15 PM	49.9	48.1
12:00 PM - 12:05 PM	49.0	02:35 PM - 02:40 PM	49.9	05:15 PM - 05:20 PM	51.0	48.4
12:05 PM - 12:10 PM	50.9	02:40 PM - 02:45 PM	49.8	05:20 PM - 05:25 PM	49.8	47.6
12:10 PM - 12:15 PM	50.2	02:45 PM - 02:50 PM	54.6	05:25 PM - 05:30 PM	51.8	48.3
12:15 PM - 12:20 PM	52.3	02:50 PM - 02:55 PM	55.4	05:30 PM - 05:35 PM	50.2	47.5
12:20 PM - 12:25 PM	52.3	02:55 PM - 03:00 PM	53.5	05:35 PM - 05:40 PM	50.7	47.6
12:25 PM - 12:30 PM	51.7	03:00 PM - 03:05 PM	51.9	05:40 PM - 05:45 PM	50.8	47.0
12:30 PM - 12:35 PM	51.9	03:05 PM - 03:10 PM	52.0	05:45 PM - 05:50 PM	50.1	47.9
12:35 PM - 12:40 PM	52.2	03:10 PM - 03:15 PM	47.4	05:50 PM - 05:55 PM	50.0	47.1
		03:15 PM - 03:20 PM	49.4	05:55 PM - 06:00 PM	50.6	48.0

Approved by

Sarayuth Jitranont
Assistant General Manager

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Sarayuth Jitranont
Assistant General Manager



Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Analysis / Test Report

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675072-1

Page 2 of 3

Sample Number : 2321121-4
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่ (GPS 477 0735038, 1405843)
Measurement Date : May 28 - May 29, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 623393

May 28, 2023	Leq dB(A)	May 28, 2023	Leq dB(A)	May 28, 2023	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	52.5	08:40 PM - 08:45 PM	50.0	11:20 PM - 11:25 PM	51.7	46.6
06:05 PM - 06:10 PM	50.0	08:45 PM - 08:50 PM	50.5	11:25 PM - 11:30 PM	47.1	45.7
06:10 PM - 06:15 PM	50.6	08:50 PM - 08:55 PM	49.2	11:30 PM - 11:35 PM	49.1	45.8
06:15 PM - 06:20 PM	57.9	08:55 PM - 09:00 PM	50.4	11:35 PM - 11:40 PM	51.7	45.8
06:20 PM - 06:25 PM	56.0	09:00 PM - 09:05 PM	48.9	11:40 PM - 11:45 PM	48.7	45.8
06:25 PM - 06:30 PM	62.0	09:05 PM - 09:10 PM	54.9	11:45 PM - 11:50 PM	47.2	46.0
06:30 PM - 06:35 PM	58.7	09:10 PM - 09:15 PM	47.6	11:50 PM - 11:55 PM	50.9	46.1
06:35 PM - 06:40 PM	52.5	09:15 PM - 09:20 PM	50.8	11:55 PM - 12:00 AM	50.7	46.7
06:40 PM - 06:45 PM	50.5	09:20 PM - 09:25 PM	47.5	12:00 AM - 12:05 AM	47.9	46.5
06:45 PM - 06:50 PM	50.1	09:25 PM - 09:30 PM	48.8	12:05 AM - 12:10 AM	49.1	46.8
06:50 PM - 06:55 PM	49.0	09:30 PM - 09:35 PM	46.6	12:10 AM - 12:15 AM	51.6	47.9
06:55 PM - 07:00 PM	49.2	09:35 PM - 09:40 PM	60.3	12:15 AM - 12:20 AM	53.9	49.0
07:00 PM - 07:05 PM	50.2	09:40 PM - 09:45 PM	48.1	12:20 AM - 12:25 AM	50.2	47.7
07:05 PM - 07:10 PM	55.6	09:45 PM - 09:50 PM	50.1	12:25 AM - 12:30 AM	50.3	47.3
07:10 PM - 07:15 PM	50.6	09:50 PM - 09:55 PM	48.8	12:30 AM - 12:35 AM	53.9	46.7
07:15 PM - 07:20 PM	47.3	09:55 PM - 10:00 PM	48.0	12:35 AM - 12:40 AM	52.4	47.8
07:20 PM - 07:25 PM	63.4	10:00 PM - 10:05 PM	47.3	12:40 AM - 12:45 AM	57.2	46.4
07:25 PM - 07:30 PM	49.5	10:05 PM - 10:10 PM	47.7	12:45 AM - 12:50 AM	54.4	47.4
07:30 PM - 07:35 PM	51.9	10:10 PM - 10:15 PM	46.2	12:50 AM - 12:55 AM	56.6	47.3
07:35 PM - 07:40 PM	48.2	10:15 PM - 10:20 PM	46.5	12:55 AM - 01:00 AM	56.0	46.9
07:40 PM - 07:45 PM	47.8	10:20 PM - 10:25 PM	46.7	01:00 AM - 01:05 AM	58.8	49.7
07:45 PM - 07:50 PM	48.3	10:25 PM - 10:30 PM	47.4	01:05 AM - 01:10 AM	56.8	54.6
07:50 PM - 07:55 PM	50.9	10:30 PM - 10:35 PM	47.0	01:10 AM - 01:15 AM	55.7	55.7
07:55 PM - 08:00 PM	52.7	10:35 PM - 10:40 PM	47.2	01:15 AM - 01:20 AM	59.6	58.7
08:00 PM - 08:05 PM	49.1	10:40 PM - 10:45 PM	46.9	01:20 AM - 01:25 AM	58.6	57.6
08:05 PM - 08:10 PM	47.3	10:45 PM - 10:50 PM	48.7	01:25 AM - 01:30 AM	58.9	56.9
08:10 PM - 08:15 PM	48.9	10:50 PM - 10:55 PM	46.6	01:30 AM - 01:35 AM	57.5	56.8
08:15 PM - 08:20 PM	50.4	10:55 PM - 11:00 PM	48.0	01:35 AM - 01:40 AM	56.9	56.2
08:20 PM - 08:25 PM	51.7	11:00 PM - 11:05 PM	47.6	01:40 AM - 01:45 AM	56.3	55.3
08:25 PM - 08:30 PM	50.0	11:05 PM - 11:10 PM	52.9	01:45 AM - 01:50 AM	57.3	54.6
08:30 PM - 08:35 PM	49.5	11:10 PM - 11:15 PM	55.1	01:50 AM - 01:55 AM	55.8	54.6
08:35 PM - 08:40 PM	48.9	11:15 PM - 11:20 PM	56.0	01:55 AM - 02:00 AM	56.3	55.3

Approved by

Sarayuth Jitranont
Assistant General Manager

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Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received: Jun 06, 2023
Date Reported: Jun 07, 2023
Report Number: 2675072-1

Page 3 of 3

Sample Number : 2321121-4
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่ (GPS 47P 0735038, 1405843)
Measurement Date : May 28 - May 29, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 623393

May 29, 2023	Leq dB(A)	May 29, 2023	Leq dB(A)	May 29, 2023	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	56.8	04:40 AM - 04:45 AM	55.4	07:20 AM - 07:25 AM	60.0	53.8
02:05 AM - 02:10 AM	60.2	04:45 AM - 04:50 AM	54.8	07:25 AM - 07:30 AM	58.6	49.8
02:10 AM - 02:15 AM	62.6	04:50 AM - 04:55 AM	61.1	07:30 AM - 07:35 AM	60.5	56.8
02:15 AM - 02:20 AM	62.5	04:55 AM - 05:00 AM	62.8	07:35 AM - 07:40 AM	54.0	49.8
02:20 AM - 02:25 AM	62.6	05:00 AM - 05:05 AM	61.3	07:40 AM - 07:45 AM	53.4	48.6
02:25 AM - 02:30 AM	63.6	05:05 AM - 05:10 AM	61.0	07:45 AM - 07:50 AM	53.0	49.5
02:30 AM - 02:35 AM	64.8	05:10 AM - 05:15 AM	58.8	07:50 AM - 07:55 AM	51.8	48.7
02:35 AM - 02:40 AM	66.5	05:15 AM - 05:20 AM	60.3	07:55 AM - 08:00 AM	50.6	48.2
02:40 AM - 02:45 AM	65.9	05:20 AM - 05:25 AM	56.4	08:00 AM - 08:05 AM	54.9	47.6
02:45 AM - 02:50 AM	66.0	05:25 AM - 05:30 AM	54.8	08:05 AM - 08:10 AM	52.7	47.7
02:50 AM - 02:55 AM	65.8	05:30 AM - 05:35 AM	53.3	08:10 AM - 08:15 AM	53.4	47.0
02:55 AM - 03:00 AM	65.8	05:35 AM - 05:40 AM	53.2	08:15 AM - 08:20 AM	55.1	49.6
03:00 AM - 03:05 AM	65.9	05:40 AM - 05:45 AM	53.0	08:20 AM - 08:25 AM	56.6	50.0
03:05 AM - 03:10 AM	65.0	05:45 AM - 05:50 AM	52.3	08:25 AM - 08:30 AM	58.2	50.1
03:10 AM - 03:15 AM	66.7	05:50 AM - 05:55 AM	51.7	08:30 AM - 08:35 AM	60.0	49.4
03:15 AM - 03:20 AM	66.9	05:55 AM - 06:00 AM	53.0	08:35 AM - 08:40 AM	58.5	48.6
03:20 AM - 03:25 AM	66.4	06:00 AM - 06:05 AM	51.9	08:40 AM - 08:45 AM	56.8	49.0
03:25 AM - 03:30 AM	66.6	06:05 AM - 06:10 AM	53.5	08:45 AM - 08:50 AM	54.4	47.8
03:30 AM - 03:35 AM	66.2	06:10 AM - 06:15 AM	51.7	08:50 AM - 08:55 AM	53.0	47.0
03:35 AM - 03:40 AM	66.2	06:15 AM - 06:20 AM	51.9	08:55 AM - 09:00 AM	52.3	47.2
03:40 AM - 03:45 AM	65.8	06:20 AM - 06:25 AM	51.5	09:00 AM - 09:05 AM	54.2	47.5
03:45 AM - 03:50 AM	65.0	06:25 AM - 06:30 AM	56.8	09:05 AM - 09:10 AM	59.1	47.7
03:50 AM - 03:55 AM	64.2	06:30 AM - 06:35 AM	62.5	09:10 AM - 09:15 AM	55.9	49.5
03:55 AM - 04:00 AM	62.8	06:35 AM - 06:40 AM	56.9	09:15 AM - 09:20 AM	54.8	48.2
04:00 AM - 04:05 AM	61.3	06:40 AM - 06:45 AM	57.5	09:20 AM - 09:25 AM	54.5	50.6
04:05 AM - 04:10 AM	59.7	06:45 AM - 06:50 AM	65.4	09:25 AM - 09:30 AM	56.6	50.7
04:10 AM - 04:15 AM	56.7	06:50 AM - 06:55 AM	61.5	09:30 AM - 09:35 AM	57.3	52.8
04:15 AM - 04:20 AM	57.3	06:55 AM - 07:00 AM	66.1	09:35 AM - 09:40 AM	55.7	49.9
04:20 AM - 04:25 AM	57.7	07:00 AM - 07:05 AM	61.7	09:40 AM - 09:45 AM	53.3	48.5
04:25 AM - 04:30 AM	57.9	07:05 AM - 07:10 AM	64.1	09:45 AM - 09:50 AM	55.0	49.5
04:30 AM - 04:35 AM	57.8	07:10 AM - 07:15 AM	62.1	09:50 AM - 09:55 AM	55.6	48.9
04:35 AM - 04:40 AM	58.7	07:15 AM - 07:20 AM	60.3	09:55 AM - 10:00 AM	57.3	48.2

Approved by

Sareyuth Jitranont
Assistant General Manager

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Sareyuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received: Jun 06, 2023
Date Reported: Jun 07, 2023
Report Number: 2675073-1

Page 1 of 3

Sample Number : 2321121-5
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่ (GPS 47P 0735038, 1405843)
Measurement Date : May 29 - May 30, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 623393

May 29, 2023	Leq dB(A)	May 29, 2023	Leq dB(A)	May 29, 2023	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	50.9	12:40 PM - 12:45 PM	53.9	03:20 PM - 03:25 PM	50.3	48.9
10:05 AM - 10:10 AM	52.8	12:45 PM - 12:50 PM	52.0	03:25 PM - 03:30 PM	50.1	48.7
10:10 AM - 10:15 AM	52.8	12:50 PM - 12:55 PM	59.3	03:30 PM - 03:35 PM	57.1	48.6
10:15 AM - 10:20 AM	53.9	12:55 PM - 01:00 PM	55.9	03:35 PM - 03:40 PM	51.3	48.4
10:20 AM - 10:25 AM	54.8	01:00 PM - 01:05 PM	53.2	03:40 PM - 03:45 PM	53.5	49.0
10:25 AM - 10:30 AM	51.5	01:05 PM - 01:10 PM	51.5	03:45 PM - 03:50 PM	51.4	48.0
10:30 AM - 10:35 AM	52.1	01:10 PM - 01:15 PM	52.2	03:50 PM - 03:55 PM	51.3	48.8
10:35 AM - 10:40 AM	51.8	01:15 PM - 01:20 PM	50.2	03:55 PM - 04:00 PM	51.2	47.9
10:40 AM - 10:45 AM	51.6	01:20 PM - 01:25 PM	51.8	04:00 PM - 04:05 PM	50.3	47.4
10:45 AM - 10:50 AM	50.3	01:25 PM - 01:30 PM	52.4	04:05 PM - 04:10 PM	49.8	47.7
10:50 AM - 10:55 AM	48.8	01:30 PM - 01:35 PM	53.5	04:10 PM - 04:15 PM	53.3	50.1
10:55 AM - 11:00 AM	50.4	01:35 PM - 01:40 PM	56.0	04:15 PM - 04:20 PM	54.4	51.8
11:00 AM - 11:05 AM	51.1	01:40 PM - 01:45 PM	53.0	04:20 PM - 04:25 PM	55.6	53.6
11:05 AM - 11:10 AM	50.6	01:45 PM - 01:50 PM	52.0	04:25 PM - 04:30 PM	55.1	53.1
11:10 AM - 11:15 AM	50.1	01:50 PM - 01:55 PM	57.6	04:30 PM - 04:35 PM	54.6	52.7
11:15 AM - 11:20 AM	50.5	01:55 PM - 02:00 PM	52.5	04:35 PM - 04:40 PM	52.7	49.8
11:20 AM - 11:25 AM	50.4	02:00 PM - 02:05 PM	52.3	04:40 PM - 04:45 PM	51.8	49.4
11:25 AM - 11:30 AM	50.3	02:05 PM - 02:10 PM	54.2	04:45 PM - 04:50 PM	52.6	49.7
11:30 AM - 11:35 AM	49.3	02:10 PM - 02:15 PM	52.9	04:50 PM - 04:55 PM	52.2	49.7
11:35 AM - 11:40 AM	48.9	02:15 PM - 02:20 PM	51.6	04:55 PM - 05:00 PM	51.4	49.2
11:40 AM - 11:45 AM	51.5	02:20 PM - 02:25 PM	53.4	05:00 PM - 05:05 PM	50.9	49.2
11:45 AM - 11:50 AM	53.5	02:25 PM - 02:30 PM	53.9	05:05 PM - 05:10 PM	50.6	48.2
11:50 AM - 11:55 AM	53.4	02:30 PM - 02:35 PM	53.0	05:10 PM - 05:15 PM	51.9	48.3
11:55 AM - 12:00 PM	53.1	02:35 PM - 02:40 PM	52.1	05:15 PM - 05:20 PM	58.2	48.1
12:00 PM - 12:05 PM	53.1	02:40 PM - 02:45 PM	50.9	05:20 PM - 05:25 PM	52.6	47.9
12:05 PM - 12:10 PM	58.5	02:45 PM - 02:50 PM	50.2	05:25 PM - 05:30 PM	50.8	48.2
12:10 PM - 12:15 PM	50.7	02:50 PM - 02:55 PM	53.3	05:30 PM - 05:35 PM	49.4	47.5
12:15 PM - 12:20 PM	51.8	02:55 PM - 03:00 PM	56.5	05:35 PM - 05:40 PM	50.6	48.1
12:20 PM - 12:25 PM	52.6	03:00 PM - 03:05 PM	55.6	05:40 PM - 05:45 PM	52.9	48.0
12:25 PM - 12:30 PM	52.6	03:05 PM - 03:10 PM	62.8	05:45 PM - 05:50 PM	52.8	48.7
12:30 PM - 12:35 PM	53.9	03:10 PM - 03:15 PM	57.3	05:50 PM - 05:55 PM	51.0	47.9
12:35 PM - 12:40 PM	52.5	03:15 PM - 03:20 PM	52.2	05:55 PM - 06:00 PM	50.1	48.7

Approved by

Sareyuth Jitranont
Assistant General Manager

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Sareyuth Jitranont
Assistant General Manager



Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675073-1

Analysis / Test Report

Page 2 of 3

Sample Number	2321121-5	Leq	L90	May 29, 2023	Leq	L90	May 29, 2023	Leq	L90
Parameter	Noise Level (Leq 5 min)	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
Location	ตามบ้าน (GPS 47P 0735038, 1405843)								
Measurement Date	May 29 - May 30, 2023								
Measurement by	Nantawat Sarin								
Sound Level meter	Serial No. 623393								
06:00 PM - 06:05 PM	49.7	47.8	54.1	08:40 PM - 08:45 PM	54.1	47.6	11:20 PM - 11:25 PM	46.5	45.3
06:05 PM - 06:10 PM	50.2	47.8	53.4	08:45 PM - 08:50 PM	53.4	47.7	11:25 PM - 11:30 PM	46.0	45.1
06:10 PM - 06:15 PM	50.6	47.8	50.7	08:50 PM - 08:55 PM	50.7	47.6	11:30 PM - 11:35 PM	46.2	45.1
06:15 PM - 06:20 PM	50.4	47.9	52.0	08:55 PM - 09:00 PM	52.0	47.3	11:35 PM - 11:40 PM	47.6	45.4
06:20 PM - 06:25 PM	56.9	50.4	53.1	09:00 PM - 09:05 PM	53.1	47.9	11:40 PM - 11:45 PM	47.7	46.1
06:25 PM - 06:30 PM	61.7	60.3	54.7	09:05 PM - 09:10 PM	54.7	48.3	11:45 PM - 11:50 PM	51.6	46.9
06:30 PM - 06:35 PM	59.7	54.1	51.8	09:10 PM - 09:15 PM	51.8	46.9	11:50 PM - 11:55 PM	78.4	71.8
06:35 PM - 06:40 PM	49.5	47.5	49.3	09:15 PM - 09:20 PM	49.3	46.2	11:55 PM - 12:00 PM	80.4	80.0
06:40 PM - 06:45 PM	49.2	47.1	47.6	09:20 PM - 09:25 PM	47.6	46.0	12:00 PM - 12:05 PM	79.4	78.3
06:45 PM - 06:50 PM	50.5	47.8	47.7	09:25 PM - 09:30 PM	47.7	45.9	12:05 PM - 12:10 PM	75.1	70.4
06:50 PM - 06:55 PM	50.4	48.5	46.3	09:30 PM - 09:35 PM	46.3	45.4	12:10 PM - 12:15 AM	70.5	69.3
06:55 PM - 07:00 PM	50.5	47.5	47.1	09:35 PM - 09:40 PM	47.1	45.8	12:15 AM - 12:20 AM	73.5	71.0
07:00 PM - 07:05 PM	49.4	47.7	47.3	09:40 PM - 09:45 PM	47.3	45.8	12:20 AM - 12:25 AM	68.2	67.6
07:05 PM - 07:10 PM	49.9	47.4	47.2	09:45 PM - 09:50 PM	47.2	45.0	12:25 AM - 12:30 AM	65.5	64.1
07:10 PM - 07:15 PM	49.5	46.0	47.3	09:50 PM - 09:55 PM	47.3	45.5	12:30 AM - 12:35 AM	62.8	61.5
07:15 PM - 07:20 PM	48.6	46.5	47.6	09:55 PM - 10:00 PM	47.6	45.6	12:35 AM - 12:40 AM	60.3	58.9
07:20 PM - 07:25 PM	54.3	46.3	46.9	10:00 PM - 10:05 PM	46.9	45.1	12:40 AM - 12:45 AM	57.9	56.8
07:25 PM - 07:30 PM	47.8	46.2	47.9	10:05 PM - 10:10 PM	47.9	45.9	12:45 AM - 12:50 AM	57.0	55.5
07:30 PM - 07:35 PM	48.6	45.9	46.8	10:10 PM - 10:15 PM	46.8	45.2	12:50 AM - 12:55 AM	63.2	61.5
07:35 PM - 07:40 PM	63.6	49.9	47.5	10:15 PM - 10:20 PM	47.5	45.5	12:55 AM - 01:00 AM	71.5	65.6
07:40 PM - 07:45 PM	62.9	61.1	47.5	10:20 PM - 10:25 PM	47.5	45.1	01:00 AM - 01:05 AM	87.0	73.7
07:45 PM - 07:50 PM	59.1	57.8	48.0	10:25 PM - 10:30 PM	48.0	44.1	01:05 AM - 01:10 AM	83.1	75.0
07:50 PM - 07:55 PM	55.5	51.7	48.8	10:30 PM - 10:35 PM	48.8	45.2	01:10 AM - 01:15 AM	81.6	78.7
07:55 PM - 08:00 PM	52.3	50.5	46.1	10:35 PM - 10:40 PM	46.1	44.9	01:15 AM - 01:20 AM	77.8	76.9
08:00 PM - 08:05 PM	49.8	48.3	46.3	10:40 PM - 10:45 PM	46.3	45.2	01:20 AM - 01:25 AM	74.9	73.4
08:05 PM - 08:10 PM	49.9	48.3	48.8	10:45 PM - 10:50 PM	48.8	45.8	01:25 AM - 01:30 AM	72.9	71.3
08:10 PM - 08:15 PM	49.4	47.7	47.4	10:50 PM - 10:55 PM	47.4	45.9	01:30 AM - 01:35 AM	69.9	69.4
08:15 PM - 08:20 PM	48.7	47.4	49.8	10:55 PM - 11:00 PM	49.8	46.3	01:35 AM - 01:40 AM	68.5	67.7
08:20 PM - 08:25 PM	48.8	47.2	46.0	11:00 PM - 11:05 PM	46.0	44.8	01:40 AM - 01:45 AM	65.0	62.7
08:25 PM - 08:30 PM	49.3	47.3	45.9	11:05 PM - 11:10 PM	45.9	44.4	01:45 AM - 01:50 AM	62.4	61.5
08:30 PM - 08:35 PM	48.9	46.4	46.9	11:10 PM - 11:15 PM	46.9	45.2	01:50 AM - 01:55 AM	68.6	63.0
08:35 PM - 08:40 PM	48.3	47.1	46.6	11:15 PM - 11:20 PM	46.6	45.2	01:55 AM - 02:00 AM	77.4	73.8

Approved by

Saranyuth Jitrantorn
Assistant General Manager

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Saranyuth Jitrantorn
Assistant General Manager

Approved by

Saranyuth Jitrantorn
Assistant General Manager

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Saranyuth Jitrantorn
Assistant General Manager



Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675073-1

Analysis / Test Report

Page 3 of 3

Sample Number	2321121-5	Leq	L90	May 30, 2023	Leq	L90	May 30, 2023	Leq	L90
Parameter	Noise Level (Leq 5 min)	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
Location	ตามบ้าน (GPS 47P 0735038, 1405843)								
Measurement Date	May 29 - May 30, 2023								
Measurement by	Nantawat Sarin								
Sound Level meter	Serial No. 623393								
02:00 AM - 02:05 AM	73.5	68.0	68.1	04:40 AM - 04:45 AM	49.9	49.0	07:20 AM - 07:25 AM	53.7	49.8
02:05 AM - 02:10 AM	68.1	67.1	63.2	04:45 AM - 04:50 AM	50.3	49.5	07:25 AM - 07:30 AM	53.3	50.2
02:10 AM - 02:15 AM	63.2	60.9	59.3	04:50 AM - 04:55 AM	50.6	49.9	07:30 AM - 07:35 AM	52.2	49.8
02:15 AM - 02:20 AM	59.9	59.3	59.9	04:55 AM - 05:00 AM	50.8	50.0	07:35 AM - 07:40 AM	52.0	49.2
02:20 AM - 02:25 AM	59.6	59.2	59.6	05:00 AM - 05:05 AM	51.1	49.9	07:40 AM - 07:45 AM	53.6	49.4
02:25 AM - 02:30 AM	60.6	59.7	60.2	05:05 AM - 05:10 AM	60.2	52.2	07:45 AM - 07:50 AM	52.2	49.0
02:30 AM - 02:35 AM	58.8	57.5	59.3	05:10 AM - 05:15 AM	59.3	51.9	07:50 AM - 07:55 AM	52.3	47.6
02:35 AM - 02:40 AM	56.6	56.0	56.6	05:15 AM - 05:20 AM	51.5	49.3	07:55 AM - 08:00 AM	52.7	48.8
02:40 AM - 02:45 AM	56.9	56.2	56.2	05:20 AM - 05:25 AM	51.7	49.1	08:00 AM - 08:05 AM	52.7	48.8
02:45 AM - 02:50 AM	55.6	54.6	54.6	05:25 AM - 05:30 AM	50.9	48.9	08:05 AM - 08:10 AM	54.2	49.1
02:50 AM - 02:55 AM	54.1	53.3	53.3	05:30 AM - 05:35 AM	50.3	48.8	08:10 AM - 08:15 AM	51.9	47.7
02:55 AM - 03:00 AM	53.0	52.3	52.3	05:35 AM - 05:40 AM	52.3	49.0	08:15 AM - 08:20 AM	54.5	49.1
03:00 AM - 03:05 AM	52.6	51.9	51.9	05:40 AM - 05:45 AM	51.9	49.3	08:20 AM - 08:25 AM	55.7	52.2
03:05 AM - 03:10 AM	53.8	52.8	52.8	05:45 AM - 05:50 AM	53.2	50.0	08:25 AM - 08:30 AM	54.5	50.7
03:10 AM - 03:15 AM	55.2	55.2	55.2	05:50 AM - 05:55 AM	52.1	49.5	08:30 AM - 08:35 AM	51.1	45.5
03:15 AM - 03:20 AM	57.1	55.8	55.8	05:55 AM - 06:00 AM	51.2	48.9	08:35 AM - 08:40 AM	48.9	46.8
03:20 AM - 03:25 AM	54.6	53.1	53.1	06:00 AM - 06:05 AM	52.9	49.7	08:40 AM - 08:45 AM	54.3	48.8
03:25 AM - 03:30 AM	52.9	52.1	52.1	06:05 AM - 06:10 AM	55.2	50.1	08:45 AM - 08:50 AM	52.2	49.1
03:30 AM - 03:35 AM	52.7	51.9	51.9	06:10 AM - 06:15 AM	58.4	50.0	08:50 AM - 08:55 AM	56.3	47.3
03:35 AM - 03:40 AM	52.3	51.6	51.6	06:15 AM - 06:20 AM	52.6	49.8	08:55 AM - 09:00 AM	55.8	47.3
03:40 AM - 03:45 AM	51.6	50.9	50.9	06:20 AM - 06:25 AM	51.9	49.8	09:00 AM - 09:05 AM	56.1	48.3
03:45 AM - 03:50 AM	51.1	50.4	50.4	06:25 AM - 06:30 AM	52.2	50.3	09:05 AM - 09:10 AM	52.1	48.7
03:50 AM - 03:55 AM	51.1	50.3	50.3	06:30 AM - 06:35 AM	51.9	50.0	09:10 AM - 09:15 AM	53.6	48.9
03:55 AM - 04:00 AM	51.3	50.7	50.7	06:35 AM - 06:40 AM	52.5	49.6	09:15 AM - 09:20 AM	57.2	49.3
04:00 AM - 04:05 AM	51.2	50.5	50.5	06:40 AM - 06:45 AM	51.7	50.0	09:20 AM - 09:25 AM	55.6	50.3
04:05 AM - 04:10 AM	50.7	50.0	50.0	06:45 AM - 06:50 AM	52.6	50.4	09:25 AM - 09:30 AM	54.8	50.3
04:10 AM - 04:15 AM	50.9	50.3	50.3	06:50 AM - 06:55 AM	53.7	50.6	09:30 AM - 09:35 AM	61.4	47.7
04:15 AM - 04:20 AM	50.4	49.8	49.8	06:55 AM - 07:00 AM	53.4	51.0	09:35 AM - 09:40 AM	61.7	48.1
04:20 AM - 04:25 AM	50.4	49.5	49.5	07:00 AM - 07:05 AM	53.8	50.5	09:40 AM - 09:45 AM	63.0	47.8
04:25 AM - 04:30 AM	50.1	49.0	49.0	07:05 AM - 07:10 AM	52.1	49.8	09:45 AM - 09:50 AM	60.5	48.0
04:30 AM - 04:35 AM	49.8	48.8	48.8	07:10 AM - 07:15 AM	52.2	49.8	09:50 AM - 09:55 AM	58.5	48.5
04:35 AM - 04:40 AM	49.9	48.8	48.8	07:15 AM - 07:20 AM	53.1	50.2	09:55 AM - 10:00 AM	52.5	48.7



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675074-1

Page 1 of 3

Sample Number : 2321121-6
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่ (GPS 477 0735038, 1405843)
Measurement Date : May 30 - May 31, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 623393

May 30, 2023	Leq dB(A)	L90 dB(A)	May 30, 2023 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	51.9	49.1	12:40 PM - 12:45 PM	51.7	47.6
10:05 AM - 10:10 AM	52.1	48.8	12:45 PM - 12:50 PM	54.6	47.5
10:10 AM - 10:15 AM	58.3	46.2	12:50 PM - 12:55 PM	52.9	47.7
10:15 AM - 10:20 AM	53.2	45.8	12:55 PM - 01:00 PM	53.4	50.7
10:20 AM - 10:25 AM	50.9	46.7	01:00 PM - 01:05 PM	52.4	49.0
10:25 AM - 10:30 AM	51.2	48.7	01:05 PM - 01:10 PM	50.7	45.7
10:30 AM - 10:35 AM	50.8	47.7	01:10 PM - 01:15 PM	51.7	48.5
10:35 AM - 10:40 AM	53.4	49.9	01:15 PM - 01:20 PM	50.1	46.0
10:40 AM - 10:45 AM	60.2	48.4	01:20 PM - 01:25 PM	51.6	47.6
10:45 AM - 10:50 AM	60.7	47.1	01:25 PM - 01:30 PM	52.0	47.2
10:50 AM - 10:55 AM	50.8	47.1	01:30 PM - 01:35 PM	51.3	47.7
10:55 AM - 11:00 AM	51.2	47.1	01:35 PM - 01:40 PM	52.1	48.6
11:00 AM - 11:05 AM	50.8	46.7	01:40 PM - 01:45 PM	52.3	48.3
11:05 AM - 11:10 AM	51.6	47.6	01:45 PM - 01:50 PM	51.7	48.4
11:10 AM - 11:15 AM	52.5	47.0	01:50 PM - 01:55 PM	50.9	47.3
11:15 AM - 11:20 AM	51.6	47.6	01:55 PM - 02:00 PM	50.6	46.6
11:20 AM - 11:25 AM	55.1	52.2	02:00 PM - 02:05 PM	52.5	54.0
11:25 AM - 11:30 AM	53.4	49.9	02:05 PM - 02:10 PM	50.3	47.4
11:30 AM - 11:35 AM	50.4	46.9	02:10 PM - 02:15 PM	50.7	47.7
11:35 AM - 11:40 AM	50.7	47.5	02:15 PM - 02:20 PM	50.0	46.8
11:40 AM - 11:45 AM	53.4	48.4	02:20 PM - 02:25 PM	50.8	46.4
11:45 AM - 11:50 AM	52.8	49.6	02:25 PM - 02:30 PM	54.1	46.1
11:50 AM - 11:55 AM	51.0	47.0	02:30 PM - 02:35 PM	61.6	46.5
11:55 AM - 12:00 PM	54.2	50.0	02:35 PM - 02:40 PM	60.2	46.0
12:00 PM - 12:05 PM	60.0	50.4	02:40 PM - 02:45 PM	51.8	47.3
12:05 PM - 12:10 PM	59.1	49.7	02:45 PM - 02:50 PM	49.9	45.8
12:10 PM - 12:15 PM	48.9	45.9	02:50 PM - 02:55 PM	58.6	47.5
12:15 PM - 12:20 PM	49.6	45.8	02:55 PM - 03:00 PM	56.9	45.9
12:20 PM - 12:25 PM	51.9	47.7	03:00 PM - 03:05 PM	50.4	46.5
12:25 PM - 12:30 PM	51.1	48.1	03:05 PM - 03:10 PM	50.2	45.9
12:30 PM - 12:35 PM	51.9	48.3	03:10 PM - 03:15 PM	50.0	46.6
12:35 PM - 12:40 PM	57.3	48.2	03:15 PM - 03:20 PM	50.7	46.6

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Approved by

Saranyuth Jitranont
Assistant General Manager

Approved by

Saranyuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675074-1

Page 2 of 3

Sample Number : 2321121-6
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่ (GPS 477 0735038, 1405843)
Measurement Date : May 30 - May 31, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 623393

May 30, 2023	Leq dB(A)	L90 dB(A)	May 30, 2023 Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	50.5	43.5	08:40 PM - 08:45 PM	49.0	44.8
06:05 PM - 06:10 PM	50.5	44.6	08:45 PM - 08:50 PM	44.0	42.5
06:10 PM - 06:15 PM	55.5	43.7	08:50 PM - 08:55 PM	46.8	42.9
06:15 PM - 06:20 PM	47.9	43.4	08:55 PM - 09:00 PM	49.7	44.4
06:20 PM - 06:25 PM	51.7	45.0	09:00 PM - 09:05 PM	47.0	43.4
06:25 PM - 06:30 PM	50.5	43.8	09:05 PM - 09:10 PM	51.7	44.8
06:30 PM - 06:35 PM	49.4	44.1	09:10 PM - 09:15 PM	52.2	46.8
06:35 PM - 06:40 PM	47.2	42.3	09:15 PM - 09:20 PM	51.7	46.4
06:40 PM - 06:45 PM	48.2	43.9	09:20 PM - 09:25 PM	49.6	46.2
06:45 PM - 06:50 PM	49.1	45.4	09:25 PM - 09:30 PM	64.3	47.2
06:50 PM - 06:55 PM	48.2	44.4	09:30 PM - 09:35 PM	59.7	45.7
06:55 PM - 07:00 PM	52.8	44.6	09:35 PM - 09:40 PM	56.5	44.3
07:00 PM - 07:05 PM	50.1	43.8	09:40 PM - 09:45 PM	58.8	46.3
07:05 PM - 07:10 PM	48.2	44.6	09:45 PM - 09:50 PM	50.0	44.5
07:10 PM - 07:15 PM	44.9	42.6	09:50 PM - 09:55 PM	48.5	44.2
07:15 PM - 07:20 PM	46.1	43.4	09:55 PM - 10:00 PM	49.8	44.5
07:20 PM - 07:25 PM	50.7	44.1	10:00 PM - 10:05 PM	48.4	44.4
07:25 PM - 07:30 PM	60.3	44.3	10:05 PM - 10:10 PM	47.1	42.4
07:30 PM - 07:35 PM	49.3	43.5	10:10 PM - 10:15 PM	48.8	44.8
07:35 PM - 07:40 PM	57.8	43.4	10:15 PM - 10:20 PM	47.8	43.6
07:40 PM - 07:45 PM	46.5	43.6	10:20 PM - 10:25 PM	53.0	45.2
07:45 PM - 07:50 PM	46.9	43.6	10:25 PM - 10:30 PM	58.3	45.5
07:50 PM - 07:55 PM	46.4	44.3	10:30 PM - 10:35 PM	47.5	44.2
07:55 PM - 08:00 PM	46.4	43.5	10:35 PM - 10:40 PM	50.9	46.5
08:00 PM - 08:05 PM	47.1	44.6	10:40 PM - 10:45 PM	49.4	46.0
08:05 PM - 08:10 PM	49.2	44.2	10:45 PM - 10:50 PM	49.8	46.5
08:10 PM - 08:15 PM	49.5	44.3	10:50 PM - 10:55 PM	47.2	44.4
08:15 PM - 08:20 PM	44.6	44.6	10:55 PM - 11:00 PM	48.4	44.7
08:20 PM - 08:25 PM	51.0	44.8	11:00 PM - 11:05 PM	50.2	46.2
08:25 PM - 08:30 PM	47.7	44.9	11:05 PM - 11:10 PM	51.1	46.7
08:30 PM - 08:35 PM	47.9	45.0	11:10 PM - 11:15 PM	51.3	46.9
08:35 PM - 08:40 PM	48.3	45.1	11:15 PM - 11:20 PM	50.2	47.5

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Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Analysis / Test Report

Lot ID: 2321121
Date Received: Jun 06, 2023
Date Reported: Jun 07, 2023
Report Number: 2675074-1

Page 3 of 3

Sample Number : 2321121-6
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่ (GPS 47P 0735038, 1405843)
Measurement Date : May 30 - May 31, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 623393

May 31, 2023	Leq dB(A)	May 31, 2023	Leq dB(A)	May 31, 2023	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	45.9	04:40 AM - 04:45 AM	46.8	07:20 AM - 07:25 AM	53.1	44.6
02:05 AM - 02:10 AM	46.1	04:45 AM - 04:50 AM	40.1	07:25 AM - 07:30 AM	54.1	44.9
02:10 AM - 02:15 AM	45.6	04:50 AM - 04:55 AM	40.6	07:30 AM - 07:35 AM	51.6	45.6
02:15 AM - 02:20 AM	55.8	04:55 AM - 05:00 AM	40.3	07:35 AM - 07:40 AM	50.5	45.7
02:20 AM - 02:25 AM	45.8	05:00 AM - 05:05 AM	41.3	07:40 AM - 07:45 AM	56.5	45.7
02:25 AM - 02:30 AM	45.6	05:05 AM - 05:10 AM	40.9	07:45 AM - 07:50 AM	50.3	46.5
02:30 AM - 02:35 AM	44.8	05:10 AM - 05:15 AM	41.3	07:50 AM - 07:55 AM	64.4	46.1
02:35 AM - 02:40 AM	45.9	05:15 AM - 05:20 AM	41.9	07:55 AM - 08:00 AM	64.4	47.9
02:40 AM - 02:45 AM	46.0	05:20 AM - 05:25 AM	42.8	08:00 AM - 08:05 AM	71.7	47.6
02:45 AM - 02:50 AM	45.9	05:25 AM - 05:30 AM	42.9	08:05 AM - 08:10 AM	49.9	47.4
02:50 AM - 02:55 AM	46.3	05:30 AM - 05:35 AM	50.6	08:10 AM - 08:15 AM	49.8	47.2
02:55 AM - 03:00 AM	47.1	05:35 AM - 05:40 AM	49.2	08:15 AM - 08:20 AM	51.3	48.0
03:00 AM - 03:05 AM	47.5	05:40 AM - 05:45 AM	47.4	08:20 AM - 08:25 AM	51.9	48.8
03:05 AM - 03:10 AM	48.0	05:45 AM - 05:50 AM	43.0	08:25 AM - 08:30 AM	53.8	48.8
03:10 AM - 03:15 AM	48.0	05:50 AM - 05:55 AM	47.3	08:30 AM - 08:35 AM	52.2	47.2
03:15 AM - 03:20 AM	50.5	05:55 AM - 06:00 AM	46.6	08:35 AM - 08:40 AM	52.4	48.2
03:20 AM - 03:25 AM	50.5	06:00 AM - 06:05 AM	48.2	08:40 AM - 08:45 AM	52.4	48.9
03:25 AM - 03:30 AM	43.9	06:05 AM - 06:10 AM	47.2	08:45 AM - 08:50 AM	53.4	48.0
03:30 AM - 03:35 AM	40.1	06:10 AM - 06:15 AM	43.8	08:50 AM - 08:55 AM	52.4	49.2
03:35 AM - 03:40 AM	46.8	06:15 AM - 06:20 AM	47.3	08:55 AM - 09:00 AM	53.9	50.8
03:40 AM - 03:45 AM	46.8	06:20 AM - 06:25 AM	48.3	09:00 AM - 09:05 AM	56.6	49.8
03:45 AM - 03:50 AM	45.3	06:25 AM - 06:30 AM	45.9	09:05 AM - 09:10 AM	69.9	49.9
03:50 AM - 03:55 AM	45.2	06:30 AM - 06:35 AM	46.5	09:10 AM - 09:15 AM	61.1	49.5
03:55 AM - 04:00 AM	44.3	06:35 AM - 06:40 AM	44.7	09:15 AM - 09:20 AM	64.2	49.8
04:00 AM - 04:05 AM	45.5	06:40 AM - 06:45 AM	49.3	09:20 AM - 09:25 AM	53.1	49.0
04:05 AM - 04:10 AM	43.5	06:45 AM - 06:50 AM	54.3	09:25 AM - 09:30 AM	59.5	48.6
04:10 AM - 04:15 AM	45.0	06:50 AM - 06:55 AM	51.8	09:30 AM - 09:35 AM	56.7	50.1
04:15 AM - 04:20 AM	44.7	06:55 AM - 07:00 AM	49.5	09:35 AM - 09:40 AM	56.3	51.8
04:20 AM - 04:25 AM	47.2	07:00 AM - 07:05 AM	48.9	09:40 AM - 09:45 AM	52.2	49.0
04:25 AM - 04:30 AM	45.5	07:05 AM - 07:10 AM	49.2	09:45 AM - 09:50 AM	55.1	50.7
04:30 AM - 04:35 AM	47.3	07:10 AM - 07:15 AM	46.5	09:50 AM - 09:55 AM	53.7	48.4
04:35 AM - 04:40 AM	47.6	07:15 AM - 07:20 AM	53.8	09:55 AM - 10:00 AM	54.5	50.5

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Approved by

Saranyuth Jitranont
Assistant General Manager

Approved by

Saranyuth Jitranont
Assistant General Manager



Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Analysis / Test Report

Lot ID: 2321121
Date Received: Jun 06, 2023
Date Reported: Jun 07, 2023
Report Number: 2675075-1

Page 1 of 3

Sample Number : 2321121-7
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่ (GPS 47P 0735038, 1405843)
Measurement Date : May 31 - Jun 01, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 623393

May 31, 2023	Leq dB(A)	May 31, 2023	Leq dB(A)	May 31, 2023	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	53.6	12:40 PM - 12:45 PM	52.5	03:20 PM - 03:25 PM	47.9	45.6
10:05 AM - 10:10 AM	63.3	12:45 PM - 12:50 PM	57.7	03:25 PM - 03:30 PM	61.8	46.0
10:10 AM - 10:15 AM	64.9	12:50 PM - 12:55 PM	52.7	03:30 PM - 03:35 PM	54.5	46.3
10:15 AM - 10:20 AM	59.5	12:55 PM - 01:00 PM	50.5	03:35 PM - 03:40 PM	48.8	45.6
10:20 AM - 10:25 AM	53.6	01:00 PM - 01:05 PM	59.9	03:40 PM - 03:45 PM	50.3	46.6
10:25 AM - 10:30 AM	57.2	01:05 PM - 01:10 PM	53.5	03:45 PM - 03:50 PM	49.4	46.2
10:30 AM - 10:35 AM	66.1	01:10 PM - 01:15 PM	52.9	03:50 PM - 03:55 PM	50.6	45.9
10:35 AM - 10:40 AM	59.9	01:15 PM - 01:20 PM	55.0	03:55 PM - 04:00 PM	50.0	46.0
10:40 AM - 10:45 AM	52.5	01:20 PM - 01:25 PM	54.1	04:00 PM - 04:05 PM	49.2	45.3
10:45 AM - 10:50 AM	53.9	01:25 PM - 01:30 PM	51.2	04:05 PM - 04:10 PM	51.7	46.3
10:50 AM - 10:55 AM	56.0	01:30 PM - 01:35 PM	54.4	04:10 PM - 04:15 PM	50.3	43.5
10:55 AM - 11:00 AM	53.7	01:35 PM - 01:40 PM	57.6	04:15 PM - 04:20 PM	57.6	47.5
11:00 AM - 11:05 AM	53.7	01:40 PM - 01:45 PM	52.3	04:20 PM - 04:25 PM	62.5	49.1
11:05 AM - 11:10 AM	54.0	01:45 PM - 01:50 PM	49.4	04:25 PM - 04:30 PM	58.8	47.7
11:10 AM - 11:15 AM	58.3	01:50 PM - 01:55 PM	49.0	04:30 PM - 04:35 PM	51.9	47.9
11:15 AM - 11:20 AM	53.9	01:55 PM - 02:00 PM	50.4	04:35 PM - 04:40 PM	67.7	46.9
11:20 AM - 11:25 AM	52.2	02:00 PM - 02:05 PM	49.3	04:40 PM - 04:45 PM	54.6	46.9
11:25 AM - 11:30 AM	57.3	02:05 PM - 02:10 PM	57.3	04:45 PM - 04:50 PM	51.9	44.4
11:30 AM - 11:35 AM	55.6	02:10 PM - 02:15 PM	65.3	04:50 PM - 04:55 PM	54.1	46.7
11:35 AM - 11:40 AM	53.9	02:15 PM - 02:20 PM	51.9	04:55 PM - 05:00 PM	55.7	46.1
11:40 AM - 11:45 AM	51.0	02:20 PM - 02:25 PM	52.1	05:00 PM - 05:05 PM	56.2	46.9
11:45 AM - 11:50 AM	49.4	02:25 PM - 02:30 PM	53.1	05:05 PM - 05:10 PM	55.8	45.5
11:50 AM - 11:55 AM	52.2	02:30 PM - 02:35 PM	52.5	05:10 PM - 05:15 PM	53.6	44.8
11:55 AM - 12:00 PM	50.3	02:35 PM - 02:40 PM	48.6	05:15 PM - 05:20 PM	52.8	45.0
12:00 PM - 12:05 PM	51.6	02:40 PM - 02:45 PM	51.1	05:20 PM - 05:25 PM	52.7	45.0
12:05 PM - 12:10 PM	55.5	02:45 PM - 02:50 PM	51.0	05:25 PM - 05:30 PM	54.7	45.1
12:10 PM - 12:15 PM	59.4	02:50 PM - 02:55 PM	51.1	05:30 PM - 05:35 PM	56.2	45.3
12:15 PM - 12:20 PM	56.9	02:55 PM - 03:00 PM	56.0	05:35 PM - 05:40 PM	54.5	46.7
12:20 PM - 12:25 PM	51.5	03:00 PM - 03:05 PM	55.7	05:40 PM - 05:45 PM	53.2	45.1
12:25 PM - 12:30 PM	49.1	03:05 PM - 03:10 PM	60.2	05:45 PM - 05:50 PM	50.1	45.1
12:30 PM - 12:35 PM	49.1	03:10 PM - 03:15 PM	48.8	05:50 PM - 05:55 PM	51.3	44.4
12:35 PM - 12:40 PM	58.1	03:15 PM - 03:20 PM	60.2	05:55 PM - 06:00 PM	50.1	46.3

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675075-1

Page 2 of 3

Sample Number		2321121-7					
Parameter		Noise Level (Leq 5 min)					
Location		ตำบลบ้านนา (GPS 47P 0735038, 1405843)					
Measurement Date		May 31 - Jun 01, 2023					
Measurement by		Nantawat Sarin					
Sound Level meter		Serial No. 623393					
May 31, 2023	Leq dB(A)	L90 dB(A)	Time	May 31, 2023	Leq dB(A)	L90 dB(A)	Time
06:00 PM - 06:05 PM	49.9	45.5	08:40 PM - 08:45 PM	46.8	44.5	11:20 PM - 11:25 PM	44.4
06:05 PM - 06:10 PM	53.1	46.3	08:45 PM - 08:50 PM	45.4	43.1	11:25 PM - 11:30 PM	46.3
06:10 PM - 06:15 PM	51.3	46.0	08:50 PM - 08:55 PM	48.8	43.3	11:30 PM - 11:35 PM	46.4
06:15 PM - 06:20 PM	69.0	46.3	08:55 PM - 09:00 PM	44.6	42.8	11:35 PM - 11:40 PM	45.0
06:20 PM - 06:25 PM	52.0	46.5	09:00 PM - 09:05 PM	45.2	43.6	11:40 PM - 11:45 PM	43.6
06:25 PM - 06:30 PM	56.1	45.8	09:05 PM - 09:10 PM	46.5	44.3	11:45 PM - 11:50 PM	47.4
06:30 PM - 06:35 PM	50.1	45.8	09:10 PM - 09:15 PM	46.8	45.0	11:50 PM - 11:55 PM	62.7
06:35 PM - 06:40 PM	48.3	45.0	09:15 PM - 09:20 PM	46.6	44.7	11:55 PM - 12:00 AM	66.7
06:40 PM - 06:45 PM	47.5	45.0	09:20 PM - 09:25 PM	45.6	44.2	12:00 AM - 12:05 AM	54.0
06:45 PM - 06:50 PM	50.0	45.5	09:25 PM - 09:30 PM	50.6	44.3	12:05 AM - 12:10 AM	67.5
06:50 PM - 06:55 PM	50.2	45.3	09:30 PM - 09:35 PM	49.7	43.3	12:10 AM - 12:15 AM	62.8
06:55 PM - 07:00 PM	52.5	44.2	09:35 PM - 09:40 PM	46.3	44.1	12:15 AM - 12:20 AM	60.2
07:00 PM - 07:05 PM	49.7	45.4	09:40 PM - 09:45 PM	46.9	43.9	12:20 AM - 12:25 AM	65.5
07:05 PM - 07:10 PM	45.8	43.8	09:45 PM - 09:50 PM	47.0	43.9	12:25 AM - 12:30 AM	62.8
07:10 PM - 07:15 PM	49.9	43.7	09:50 PM - 09:55 PM	47.7	46.0	12:30 AM - 12:35 AM	48.3
07:15 PM - 07:20 PM	50.9	44.3	09:55 PM - 10:00 PM	46.1	43.6	12:35 AM - 12:40 AM	46.9
07:20 PM - 07:25 PM	48.0	43.9	10:00 PM - 10:05 PM	45.8	44.5	12:40 AM - 12:45 AM	62.4
07:25 PM - 07:30 PM	45.7	43.5	10:05 PM - 10:10 PM	49.9	44.5	12:45 AM - 12:50 AM	48.8
07:30 PM - 07:35 PM	49.2	44.5	10:10 PM - 10:15 PM	49.3	43.8	12:50 AM - 12:55 AM	46.9
07:35 PM - 07:40 PM	47.1	43.4	10:15 PM - 10:20 PM	45.3	44.1	12:55 AM - 01:00 AM	45.1
07:40 PM - 07:45 PM	45.1	43.3	10:20 PM - 10:25 PM	46.5	43.9	01:00 AM - 01:05 AM	45.3
07:45 PM - 07:50 PM	45.3	43.3	10:25 PM - 10:30 PM	44.8	43.3	01:05 AM - 01:10 AM	44.7
07:50 PM - 07:55 PM	46.2	43.8	10:30 PM - 10:35 PM	45.8	44.0	01:10 AM - 01:15 AM	45.0
07:55 PM - 08:00 PM	47.9	43.6	10:35 PM - 10:40 PM	46.9	44.8	01:15 AM - 01:20 AM	44.8
08:00 PM - 08:05 PM	46.8	44.0	10:40 PM - 10:45 PM	45.9	44.3	01:20 AM - 01:25 AM	45.6
08:05 PM - 08:10 PM	45.1	43.5	10:45 PM - 10:50 PM	45.6	43.9	01:25 AM - 01:30 AM	46.4
08:10 PM - 08:15 PM	46.3	44.6	10:50 PM - 10:55 PM	45.3	43.6	01:30 AM - 01:35 AM	44.2
08:15 PM - 08:20 PM	46.8	42.8	10:55 PM - 11:00 PM	44.2	40.8	01:35 AM - 01:40 AM	45.0
08:20 PM - 08:25 PM	46.1	44.5	11:00 PM - 11:05 PM	44.7	43.7	01:40 AM - 01:45 AM	41.2
08:25 PM - 08:30 PM	46.2	44.6	11:05 PM - 11:10 PM	45.5	43.3	01:45 AM - 01:50 AM	40.3
08:30 PM - 08:35 PM	45.7	43.9	11:10 PM - 11:15 PM	49.6	43.0	01:50 AM - 01:55 AM	40.4
08:35 PM - 08:40 PM	50.3	45.2	11:15 PM - 11:20 PM	45.0	43.3	01:55 AM - 02:00 AM	39.2

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Approved by

Sarayuth Jitrantorn
Assistant General Manager



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675075-1

Page 3 of 3

Sample Number		Noise Level (Leq 5 min)		Parameter	
2321121-7		ตำบลบ้านนา (GPS 47P 0735038, 1405843)		Location	
		May 31 - Jun 01, 2023		Measurement Date	
		Nantawat Sarin		Measurement by	
		Serial No. 623393		Sound Level meter	
Jun 01, 2023	Leq dB(A)	L90 dB(A)	Jun 01, 2023	Leq dB(A)	L90 dB(A)
Time			Time		
02:00 AM - 02:05 AM	41.7	39.7	04:40 AM - 04:45 AM	42.9	39.9
02:05 AM - 02:10 AM	39.4	39.4	04:45 AM - 04:50 AM	43.3	40.0
02:10 AM - 02:15 AM	39.8	39.1	04:50 AM - 04:55 AM	43.5	41.2
02:15 AM - 02:20 AM	40.4	39.1	04:55 AM - 05:00 AM	42.7	41.0
02:20 AM - 02:25 AM	40.6	38.9	05:00 AM - 05:05 AM	43.3	40.6
02:25 AM - 02:30 AM	38.8	38.8	05:05 AM - 05:10 AM	50.3	41.6
02:30 AM - 02:35 AM	39.5	38.9	05:10 AM - 05:15 AM	43.3	40.5
02:35 AM - 02:40 AM	41.5	39.0	05:15 AM - 05:20 AM	43.1	40.5
02:40 AM - 02:45 AM	43.2	40.3	05:20 AM - 05:25 AM	44.6	40.3
02:45 AM - 02:50 AM	42.1	39.1	05:25 AM - 05:30 AM	43.5	40.0
02:50 AM - 02:55 AM	43.3	39.0	05:30 AM - 05:35 AM	50.2	40.0
02:55 AM - 03:00 AM	43.0	39.1	05:35 AM - 05:40 AM	45.9	41.0
03:00 AM - 03:05 AM	42.8	39.4	05:40 AM - 05:45 AM	45.4	40.7
03:05 AM - 03:10 AM	40.2	39.1	05:45 AM - 05:50 AM	47.2	41.3
03:10 AM - 03:15 AM	42.8	39.2	05:50 AM - 05:55 AM	43.3	40.8
03:15 AM - 03:20 AM	39.9	39.3	05:55 AM - 06:00 AM	43.7	41.2
03:20 AM - 03:25 AM	40.2	39.3	06:00 AM - 06:05 AM	47.4	40.9
03:25 AM - 03:30 AM	43.2	39.7	06:05 AM - 06:10 AM	45.3	41.3
03:30 AM - 03:35 AM	44.2	39.4	06:10 AM - 06:15 AM	46.0	41.6
03:35 AM - 03:40 AM	42.0	39.3	06:15 AM - 06:20 AM	43.5	41.2
03:40 AM - 03:45 AM	44.3	39.7	06:20 AM - 06:25 AM	50.5	42.5
03:45 AM - 03:50 AM	42.9	39.4	06:25 AM - 06:30 AM	48.6	42.3
03:50 AM - 03:55 AM	43.6	40.0	06:30 AM - 06:35 AM	45.8	42.7
03:55 AM - 04:00 AM	42.2	40.8	06:35 AM - 06:40 AM	44.1	42.0
04:00 AM - 04:05 AM	42.9	41.9	06:40 AM - 06:45 AM	46.4	42.5
04:05 AM - 04:10 AM	43.2	41.8	06:45 AM - 06:50 AM	50.1	42.8
04:10 AM - 04:15 AM	41.4	39.5	06:50 AM - 06:55 AM	50.1	42.2
04:15 AM - 04:20 AM	40.8	39.3	06:55 AM - 07:00 AM	47.8	43.3
04:20 AM - 04:25 AM	43.6	39.9	07:00 AM - 07:05 AM	46.2	43.2
04:25 AM - 04:30 AM	44.1	41.9	07:05 AM - 07:10 AM	45.4	42.6
04:30 AM - 04:35 AM	43.2	39.5	07:10 AM - 07:15 AM	47.3	43.9
04:35 AM - 04:40 AM	49.5	43.2	07:15 AM - 07:20 AM	55.6	44.6

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Approved by

Sarayuth Jitrantorn
Assistant General Manager



Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121

Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675076-1

Analysis / Test Report

Page 1 of 3

Sample Number		2321121-8									
Parameter		Noise Level (Leq 5 min)									
Location		ตามถนน-ทางรถไฟ (GPS 47P 0735531, 1402769)									
Measurement Date		May 25 - May 26, 2023									
Measurement by		Nantawat Sarin									
Sound Level meter		Serial No. 00873109									
	May 25, 2023	Leq dB(A)	L90 dB(A)	Time	May 25, 2023	Leq dB(A)	L90 dB(A)	Time	May 25, 2023	Leq dB(A)	L90 dB(A)
	10:00 AM - 10:05 AM	54.2	48.4	12:40 PM - 12:45 PM	51.9	45.7	03:20 PM - 03:25 PM	52.7	45.8		
	10:05 AM - 10:10 AM	51.5	47.4	12:45 PM - 12:50 PM	51.8	47.8	03:25 PM - 03:30 PM	51.8	46.3		
	10:10 AM - 10:15 AM	51.9	47.8	12:50 PM - 12:55 PM	54.2	46.0	03:30 PM - 03:35 PM	53.9	46.7		
	10:15 AM - 10:20 AM	55.5	45.5	12:55 PM - 01:00 PM	51.3	46.5	03:35 PM - 03:40 PM	54.0	47.6		
	10:20 AM - 10:25 AM	54.3	46.9	01:00 PM - 01:05 PM	54.3	45.9	03:40 PM - 03:45 PM	54.0	46.2		
	10:25 AM - 10:30 AM	51.3	45.9	01:05 PM - 01:10 PM	53.8	46.9	03:45 PM - 03:50 PM	54.6	47.5		
	10:30 AM - 10:35 AM	49.8	44.9	01:10 PM - 01:15 PM	51.1	45.5	03:50 PM - 03:55 PM	55.3	46.9		
	10:35 AM - 10:40 AM	52.0	45.7	01:15 PM - 01:20 PM	51.8	45.8	03:55 PM - 04:00 PM	53.1	46.5		
	10:40 AM - 10:45 AM	52.7	46.1	01:20 PM - 01:25 PM	52.6	46.0	04:00 PM - 04:05 PM	56.2	47.4		
	10:45 AM - 10:50 AM	50.5	45.7	01:25 PM - 01:30 PM	53.1	46.9	04:05 PM - 04:10 PM	55.3	47.0		
	10:50 AM - 10:55 AM	52.4	46.8	01:30 PM - 01:35 PM	52.5	45.3	04:10 PM - 04:15 PM	52.5	47.2		
	10:55 AM - 11:00 AM	54.6	46.4	01:35 PM - 01:40 PM	53.8	46.7	04:15 PM - 04:20 PM	54.7	46.7		
	11:00 AM - 11:05 AM	50.5	46.6	01:40 PM - 01:45 PM	52.0	46.1	04:20 PM - 04:25 PM	55.3	48.2		
	11:05 AM - 11:10 AM	50.0	45.3	01:45 PM - 01:50 PM	51.0	45.1	04:25 PM - 04:30 PM	55.9	49.4		
	11:10 AM - 11:15 AM	52.0	46.7	01:50 PM - 01:55 PM	51.6	44.9	04:30 PM - 04:35 PM	56.7	50.6		
	11:15 AM - 11:20 AM	51.3	46.3	01:55 PM - 02:00 PM	53.7	44.9	04:35 PM - 04:40 PM	54.5	50.9		
	11:20 AM - 11:25 AM	52.5	45.7	02:00 PM - 02:05 PM	58.6	44.6	04:40 PM - 04:45 PM	54.2	50.9		
	11:25 AM - 11:30 AM	51.5	47.3	02:05 PM - 02:10 PM	52.0	45.6	04:45 PM - 04:50 PM	53.8	50.4		
	11:30 AM - 11:35 AM	53.1	47.3	02:10 PM - 02:15 PM	54.9	45.3	04:50 PM - 04:55 PM	56.9	49.8		
	11:35 AM - 11:40 AM	51.1	45.7	02:15 PM - 02:20 PM	51.2	45.1	04:55 PM - 05:00 PM	54.9	48.7		
	11:40 AM - 11:45 AM	52.8	47.7	02:20 PM - 02:25 PM	55.9	46.0	05:00 PM - 05:05 PM	53.5	49.6		
	11:45 AM - 11:50 AM	51.8	47.0	02:25 PM - 02:30 PM	52.5	45.7	05:05 PM - 05:10 PM	55.6	50.9		
	11:50 AM - 11:55 AM	55.1	47.0	02:30 PM - 02:35 PM	51.4	45.2	05:10 PM - 05:15 PM	56.3	50.4		
	11:55 AM - 12:00 PM	55.8	47.7	02:35 PM - 02:40 PM	54.7	51.8	05:15 PM - 05:20 PM	57.3	51.4		
	12:00 PM - 12:05 PM	56.2	49.8	02:40 PM - 02:45 PM	55.5	53.9	05:20 PM - 05:25 PM	54.7	49.6		
	12:05 PM - 12:10 PM	52.8	49.4	02:45 PM - 02:50 PM	55.6	52.3	05:25 PM - 05:30 PM	56.6	50.5		
	12:10 PM - 12:15 PM	52.7	49.3	02:50 PM - 02:55 PM	55.1	51.0	05:30 PM - 05:35 PM	56.2	49.2		
	12:15 PM - 12:20 PM	55.1	50.3	02:55 PM - 03:00 PM	53.9	45.5	05:35 PM - 05:40 PM	53.9	49.7		
	12:20 PM - 12:25 PM	52.7	46.7	03:00 PM - 03:05 PM	52.8	45.9	05:40 PM - 05:45 PM	53.7	49.7		
	12:25 PM - 12:30 PM	50.6	46.3	03:05 PM - 03:10 PM	54.2	47.0	05:45 PM - 05:50 PM	56.7	50.2		
	12:30 PM - 12:35 PM	53.4	45.6	03:10 PM - 03:15 PM	52.7	45.9	05:50 PM - 05:55 PM	55.0	49.2		
	12:35 PM - 12:40 PM	57.6	47.9	03:15 PM - 03:20 PM	55.4	46.6	05:55 PM - 06:00 PM	55.3	50.4		

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Sarayuth Jitranont
Assistant General Manager

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Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121

Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675076-1

Analysis / Test Report

Page 2 of 3

Sample Number		2321121-8			
Parameter		Noise Level (Leq 5 min)			
Location		ตามถนน-ทางรถไฟ (GPS 47P 0735531, 1402769)			
Measurement Date		May 25 - May 26, 2023			
Measurement by		Nantawat Sarin			
Sound Level meter		Serial No. 00873109			
May 25, 2023	Leq dB(A)	L90 dB(A)	May 25, 2023	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	56.3	50.4	08:40 PM - 08:45 PM	54.9	51.1
06:05 PM - 06:10 PM	55.2	50.2	08:45 PM - 08:50 PM	54.7	47.5
06:10 PM - 06:15 PM	56.8	49.8	08:50 PM - 08:55 PM	52.8	46.5
06:15 PM - 06:20 PM	55.8	50.7	08:55 PM - 09:00 PM	54.2	46.9
06:20 PM - 06:25 PM	54.7	50.8	09:00 PM - 09:05 PM	54.5	47.9
06:25 PM - 06:30 PM	54.0	48.9	09:05 PM - 09:10 PM	58.9	49.0
06:30 PM - 06:35 PM	56.2	49.6	09:10 PM - 09:15 PM	58.3	56.6
06:35 PM - 06:40 PM	55.4	49.7	09:15 PM - 09:20 PM	58.4	49.0
06:40 PM - 06:45 PM	58.1	55.5	09:20 PM - 09:25 PM	52.2	47.0
06:45 PM - 06:50 PM	62.2	58.4	09:25 PM - 09:30 PM	51.9	47.1
06:50 PM - 06:55 PM	65.3	56.0	09:30 PM - 09:35 PM	55.1	46.8
06:55 PM - 07:00 PM	55.9	50.7	09:35 PM - 09:40 PM	53.3	47.4
07:00 PM - 07:05 PM	54.8	50.0	09:40 PM - 09:45 PM	51.9	47.3
07:05 PM - 07:10 PM	58.7	50.1	09:45 PM - 09:50 PM	55.6	49.1
07:10 PM - 07:15 PM	54.9	50.4	09:50 PM - 09:55 PM	58.7	49.2
07:15 PM - 07:20 PM	58.1	50.4	09:55 PM - 10:00 PM	54.5	49.3
07:20 PM - 07:25 PM	56.7	50.5	10:00 PM - 10:05 PM	53.1	48.3
07:25 PM - 07:30 PM	55.3	48.3	10:05 PM - 10:10 PM	54.7	48.5
07:30 PM - 07:35 PM	55.0	49.0	10:10 PM - 10:15 PM	57.4	49.1
07:35 PM - 07:40 PM	55.0	49.5	10:15 PM - 10:20 PM	55.5	48.3
07:40 PM - 07:45 PM	54.4	49.1	10:20 PM - 10:25 PM	56.1	48.0
07:45 PM - 07:50 PM	58.8	48.2	10:25 PM - 10:30 PM	51.5	47.1
07:50 PM - 07:55 PM	53.8	47.2	10:30 PM - 10:35 PM	53.1	47.0
07:55 PM - 08:00 PM	54.8	48.8	10:35 PM - 10:40 PM	55.5	46.2
08:00 PM - 08:05 PM	54.6	48.2	10:40 PM - 10:45 PM	61.9	46.8
08:05 PM - 08:10 PM	58.9	49.7	10:45 PM - 10:50 PM	54.7	46.1
08:10 PM - 08:15 PM	57.4	51.8	10:50 PM - 10:55 PM	53.9	47.0
08:15 PM - 08:20 PM	56.2	52.0	10:55 PM - 11:00 PM	54.1	46.4
08:20 PM - 08:25 PM	55.7	51.5	11:00 PM - 11:05 PM	56.7	49.2
08:25 PM - 08:30 PM	56.2	51.2	11:05 PM - 11:10 PM	59.1	48.7
08:30 PM - 08:35 PM	56.8	51.4	11:10 PM - 11:15 PM	60.4	58.6
08:35 PM - 08:40 PM	55.9	51.2	11:15 PM - 11:20 PM	61.6	48.0

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



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

Lot ID: 2321121

Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675077-1

P/O : 4514154868

Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Page 1 of 3

Sample Number Parameter	2321121-9 Noise Level (Leq 5 min) ฐานภูมิ-ฐานเสียง (GPS 47P 0735531, 1402769) Measurement Date May 26 - May 27, 2023 Measurement by Nantawat Sarin Sound Level meter Serial No. 00873109											
	May 26, 2023		Leq dB(A)	L90 dB(A)	May 26, 2023		Leq dB(A)	L90 dB(A)	May 26, 2023		Leq dB(A)	L90 dB(A)
Location	Time											
10:00 AM - 10:05 AM	51.7	46.3			12:40 PM - 12:45 PM	52.1	44.0			03:20 PM - 03:25 PM	51.5	45.4
10:05 AM - 10:10 AM	50.3	42.8			12:45 PM - 12:50 PM	52.0	44.2			03:25 PM - 03:30 PM	56.2	46.4
10:10 AM - 10:15 AM	51.7	44.3			12:50 PM - 12:55 PM	55.2	52.0			03:30 PM - 03:35 PM	61.8	45.2
10:15 AM - 10:20 AM	52.9	45.1			12:55 PM - 01:00 PM	52.9	49.3			03:35 PM - 03:40 PM	51.8	44.8
10:20 AM - 10:25 AM	51.1	45.4			01:00 PM - 01:05 PM	49.4	42.4			03:40 PM - 03:45 PM	51.8	43.9
10:25 AM - 10:30 AM	51.3	44.6			01:05 PM - 01:10 PM	51.4	44.9			03:45 PM - 03:50 PM	51.6	45.2
10:30 AM - 10:35 AM	51.6	43.4			01:10 PM - 01:15 PM	50.2	44.4			03:50 PM - 03:55 PM	52.6	45.0
10:35 AM - 10:40 AM	50.1	45.6			01:15 PM - 01:20 PM	52.2	43.9			03:55 PM - 04:00 PM	50.6	45.5
10:40 AM - 10:45 AM	50.0	42.5			01:20 PM - 01:25 PM	51.5	43.2			04:00 PM - 04:05 PM	51.6	46.3
10:45 AM - 10:50 AM	52.2	46.5			01:25 PM - 01:30 PM	51.2	45.1			04:05 PM - 04:10 PM	51.6	47.1
10:50 AM - 10:55 AM	51.9	46.1			01:30 PM - 01:35 PM	50.3	44.4			04:10 PM - 04:15 PM	57.8	47.3
10:55 AM - 11:00 AM	50.4	43.3			01:35 PM - 01:40 PM	51.5	45.2			04:15 PM - 04:20 PM	53.8	48.0
11:00 AM - 11:05 AM	50.4	43.5			01:40 PM - 01:45 PM	53.4	44.0			04:20 PM - 04:25 PM	52.2	46.4
11:05 AM - 11:10 AM	52.9	47.6			01:45 PM - 01:50 PM	52.4	46.6			04:25 PM - 04:30 PM	52.9	47.0
11:10 AM - 11:15 AM	51.1	47.1			01:50 PM - 01:55 PM	54.2	44.8			04:30 PM - 04:35 PM	53.0	48.2
11:15 AM - 11:20 AM	51.0	44.9			01:55 PM - 02:00 PM	52.1	44.7			04:35 PM - 04:40 PM	53.2	48.2
11:20 AM - 11:25 AM	52.9	46.6			02:00 PM - 02:05 PM	49.8	45.6			04:40 PM - 04:45 PM	53.9	49.7
11:25 AM - 11:30 AM	57.2	47.8			02:05 PM - 02:10 PM	48.5	44.2			04:45 PM - 04:50 PM	52.1	47.7
11:30 AM - 11:35 AM	54.6	47.0			02:10 PM - 02:15 PM	51.3	43.9			04:50 PM - 04:55 PM	52.6	48.3
11:35 AM - 11:40 AM	51.3	47.0			02:15 PM - 02:20 PM	48.8	43.0			04:55 PM - 05:00 PM	53.5	47.8
11:40 AM - 11:45 AM	56.0	45.3			02:20 PM - 02:25 PM	50.6	45.0			05:00 PM - 05:05 PM	52.3	47.7
11:45 AM - 11:50 AM	53.6	44.5			02:25 PM - 02:30 PM	48.9	41.5			05:05 PM - 05:10 PM	60.6	50.4
11:50 AM - 11:55 AM	54.1	44.7			02:30 PM - 02:35 PM	49.9	43.6			05:10 PM - 05:15 PM	57.1	49.3
11:55 AM - 12:00 PM	53.8	48.1			02:35 PM - 02:40 PM	50.5	43.2			05:15 PM - 05:20 PM	57.2	50.6
12:00 PM - 12:05 PM	54.0	49.2			02:40 PM - 02:45 PM	50.0	43.4			05:20 PM - 05:25 PM	55.7	48.4
12:05 PM - 12:10 PM	52.0	47.7			02:45 PM - 02:50 PM	49.8	43.0			05:25 PM - 05:30 PM	53.9	49.6
12:10 PM - 12:15 PM	52.4	48.0			02:50 PM - 02:55 PM	48.5	42.2			05:30 PM - 05:35 PM	55.4	48.8
12:15 PM - 12:20 PM	52.1	48.2			02:55 PM - 03:00 PM	50.3	43.5			05:35 PM - 05:40 PM	55.8	48.9
12:20 PM - 12:25 PM	53.4	48.8			03:00 PM - 03:05 PM	51.4	44.2			05:40 PM - 05:45 PM	56.1	49.0
12:25 PM - 12:30 PM	50.1	44.4			03:05 PM - 03:10 PM	51.2	45.3			05:45 PM - 05:50 PM	57.9	49.8
12:30 PM - 12:35 PM	52.1	44.2			03:10 PM - 03:15 PM	49.3	43.5			05:50 PM - 05:55 PM	54.0	49.5
12:35 PM - 12:40 PM	48.0	42.0			03:15 PM - 03:20 PM	51.5	44.7			05:55 PM - 06:00 PM	56.7	49.4

Approved by

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Sarayuth Jittranont
Assistant General Manager

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675077-1

Page 2 of 3

Sample Number : 2321121-9
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่-อ.บ้านค่าย (GPS 47P 0735531, 1402769)
Measurement Date : May 26 - May 27, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 00873109

May 26, 2023	Leq dB(A)	May 26, 2023	Leq dB(A)	May 26 - May 27, 2023	Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	54.4	08:40 PM - 08:45 PM	58.7	11:20 PM - 11:25 PM	47.1	51.0	47.1
06:05 PM - 06:10 PM	56.5	08:45 PM - 08:50 PM	57.5	11:25 PM - 11:30 PM	51.2	52.7	47.3
06:10 PM - 06:15 PM	58.2	08:50 PM - 08:55 PM	60.7	11:30 PM - 11:35 PM	52.7	54.2	47.4
06:15 PM - 06:20 PM	55.9	08:55 PM - 09:00 PM	60.9	11:35 PM - 11:40 PM	52.2	54.2	47.5
06:20 PM - 06:25 PM	54.4	09:00 PM - 09:05 PM	60.5	11:40 PM - 11:45 PM	54.2	59.0	48.4
06:25 PM - 06:30 PM	55.6	09:05 PM - 09:10 PM	55.5	11:45 PM - 11:50 PM	59.0	59.0	48.4
06:30 PM - 06:35 PM	57.0	09:10 PM - 09:15 PM	56.2	11:50 PM - 11:55 PM	52.7	52.7	47.0
06:35 PM - 06:40 PM	58.1	09:15 PM - 09:20 PM	57.1	11:55 PM - 12:00 AM	54.6	54.6	47.9
06:40 PM - 06:45 PM	56.2	09:20 PM - 09:25 PM	55.7	12:00 AM - 12:05 AM	55.9	55.9	47.9
06:45 PM - 06:50 PM	59.6	09:25 PM - 09:30 PM	53.8	12:05 AM - 12:10 AM	52.4	52.4	47.7
06:50 PM - 06:55 PM	57.4	09:30 PM - 09:35 PM	55.2	12:10 AM - 12:15 AM	49.9	49.9	46.6
06:55 PM - 07:00 PM	54.1	09:35 PM - 09:40 PM	54.1	12:15 AM - 12:20 AM	54.9	54.9	47.6
07:00 PM - 07:05 PM	53.2	09:40 PM - 09:45 PM	53.4	12:20 AM - 12:25 AM	54.3	54.3	47.3
07:05 PM - 07:10 PM	55.1	09:45 PM - 09:50 PM	52.1	12:25 AM - 12:30 AM	55.4	55.4	46.8
07:10 PM - 07:15 PM	55.6	09:50 PM - 09:55 PM	52.2	12:30 AM - 12:35 AM	49.6	49.6	47.0
07:15 PM - 07:20 PM	55.7	09:55 PM - 10:00 PM	54.3	12:35 AM - 12:40 AM	52.9	52.9	47.2
07:20 PM - 07:25 PM	55.4	10:00 PM - 10:05 PM	57.2	12:40 AM - 12:45 AM	56.5	56.5	46.8
07:25 PM - 07:30 PM	63.6	10:05 PM - 10:10 PM	54.7	12:45 AM - 12:50 AM	49.6	49.6	46.5
07:30 PM - 07:35 PM	53.2	10:10 PM - 10:15 PM	55.0	12:50 AM - 12:55 AM	49.5	49.5	46.5
07:35 PM - 07:40 PM	56.0	10:15 PM - 10:20 PM	59.5	12:55 AM - 01:00 AM	61.9	61.9	46.8
07:40 PM - 07:45 PM	57.1	10:20 PM - 10:25 PM	56.2	01:00 AM - 01:05 AM	49.2	49.2	46.8
07:45 PM - 07:50 PM	58.6	10:25 PM - 10:30 PM	55.4	01:05 AM - 01:10 AM	53.4	53.4	47.5
07:50 PM - 07:55 PM	54.0	10:30 PM - 10:35 PM	53.9	01:10 AM - 01:15 AM	58.8	58.8	47.4
07:55 PM - 08:00 PM	55.2	10:35 PM - 10:40 PM	53.7	01:15 AM - 01:20 AM	53.2	53.2	47.5
08:00 PM - 08:05 PM	53.3	10:40 PM - 10:45 PM	53.4	01:20 AM - 01:25 AM	49.7	49.7	47.1
08:05 PM - 08:10 PM	56.1	10:45 PM - 10:50 PM	58.6	01:25 AM - 01:30 AM	57.7	57.7	47.6
08:10 PM - 08:15 PM	56.9	10:50 PM - 10:55 PM	52.3	01:30 AM - 01:35 AM	49.1	49.1	47.4
08:15 PM - 08:20 PM	57.2	10:55 PM - 11:00 PM	51.8	01:35 AM - 01:40 AM	51.9	51.9	47.3
08:20 PM - 08:25 PM	59.9	11:00 PM - 11:05 PM	56.1	01:40 AM - 01:45 AM	49.1	49.1	47.2
08:25 PM - 08:30 PM	61.7	11:05 PM - 11:10 PM	55.2	01:45 AM - 01:50 AM	51.8	51.8	47.5
08:30 PM - 08:35 PM	60.7	11:10 PM - 11:15 PM	56.0	01:50 AM - 01:55 AM	49.6	49.6	47.5
08:35 PM - 08:40 PM	60.8	11:15 PM - 11:20 PM	56.3	01:55 AM - 02:00 AM	49.4	49.4	47.4

Approved by

Saranyuth Jitrantorn
Assistant General Manager

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Approved by

Saranyuth Jitrantorn
Assistant General Manager

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675077-1

Page 3 of 3

Sample Number : 2321121-9
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่-อ.บ้านค่าย (GPS 47P 0735531, 1402769)
Measurement Date : May 26 - May 27, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 00873109

May 27, 2023	Leq dB(A)	May 27, 2023	Leq dB(A)	May 27, 2023	Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	49.7	04:40 AM - 04:45 AM	51.7	07:20 AM - 07:25 AM	55.1	55.1	46.8
02:05 AM - 02:10 AM	57.9	04:45 AM - 04:50 AM	48.7	07:25 AM - 07:30 AM	63.4	63.4	49.2
02:10 AM - 02:15 AM	52.5	04:50 AM - 04:55 AM	46.9	07:30 AM - 07:35 AM	57.8	57.8	49.4
02:15 AM - 02:20 AM	53.5	04:55 AM - 05:00 AM	48.8	07:35 AM - 07:40 AM	54.4	54.4	49.0
02:20 AM - 02:25 AM	48.6	05:00 AM - 05:05 AM	52.5	07:40 AM - 07:45 AM	55.7	55.7	50.4
02:25 AM - 02:30 AM	50.9	05:05 AM - 05:10 AM	52.7	07:45 AM - 07:50 AM	53.9	53.9	48.2
02:30 AM - 02:35 AM	48.3	05:10 AM - 05:15 AM	53.1	07:50 AM - 07:55 AM	54.9	54.9	49.9
02:35 AM - 02:40 AM	49.0	05:15 AM - 05:20 AM	50.6	07:55 AM - 08:00 AM	51.2	51.2	45.8
02:40 AM - 02:45 AM	49.2	05:20 AM - 05:25 AM	54.1	08:00 AM - 08:05 AM	56.2	56.2	47.2
02:45 AM - 02:50 AM	51.1	05:25 AM - 05:30 AM	56.1	08:05 AM - 08:10 AM	55.5	55.5	47.0
02:50 AM - 02:55 AM	46.9	05:30 AM - 05:35 AM	52.8	08:10 AM - 08:15 AM	53.7	53.7	48.0
02:55 AM - 03:00 AM	52.6	05:35 AM - 05:40 AM	51.4	08:15 AM - 08:20 AM	53.0	53.0	45.8
03:00 AM - 03:05 AM	57.6	05:40 AM - 05:45 AM	52.0	08:20 AM - 08:25 AM	52.0	52.0	45.4
03:05 AM - 03:10 AM	47.4	05:45 AM - 05:50 AM	50.9	08:25 AM - 08:30 AM	53.7	53.7	45.4
03:10 AM - 03:15 AM	49.5	05:50 AM - 05:55 AM	51.6	08:30 AM - 08:35 AM	51.4	51.4	46.8
03:15 AM - 03:20 AM	54.3	05:55 AM - 06:00 AM	56.2	08:35 AM - 08:40 AM	51.4	51.4	46.1
03:20 AM - 03:25 AM	52.6	06:00 AM - 06:05 AM	54.2	08:40 AM - 08:45 AM	51.4	51.4	45.0
03:25 AM - 03:30 AM	50.6	06:05 AM - 06:10 AM	55.6	08:45 AM - 08:50 AM	52.2	52.2	46.0
03:30 AM - 03:35 AM	64.8	06:10 AM - 06:15 AM	55.2	08:50 AM - 08:55 AM	51.3	51.3	45.6
03:35 AM - 03:40 AM	63.9	06:15 AM - 06:20 AM	54.0	08:55 AM - 09:00 AM	51.2	51.2	45.1
03:40 AM - 03:45 AM	50.9	06:20 AM - 06:25 AM	54.3	09:00 AM - 09:05 AM	49.9	49.9	44.7
03:45 AM - 03:50 AM	47.9	06:25 AM - 06:30 AM	54.6	09:05 AM - 09:10 AM	53.7	53.7	45.9
03:50 AM - 03:55 AM	51.5	06:30 AM - 06:35 AM	54.3	09:10 AM - 09:15 AM	49.9	49.9	45.3
03:55 AM - 04:00 AM	45.6	06:35 AM - 06:40 AM	55.2	09:15 AM - 09:20 AM	51.4	51.4	45.3
04:00 AM - 04:05 AM	47.1	06:40 AM - 06:45 AM	54.1	09:20 AM - 09:25 AM	49.2	49.2	43.9
04:05 AM - 04:10 AM	52.5	06:45 AM - 06:50 AM	56.2	09:25 AM - 09:30 AM	50.7	50.7	45.9
04:10 AM - 04:15 AM	48.6	06:50 AM - 06:55 AM	53.5	09:30 AM - 09:35 AM	53.2	53.2	45.3
04:15 AM - 04:20 AM	46.0	06:55 AM - 07:00 AM	54.2	09:35 AM - 09:40 AM	53.1	53.1	44.9
04:20 AM - 04:25 AM	56.3	07:00 AM - 07:05 AM	53.8	09:40 AM - 09:45 AM	48.9	48.9	43.8
04:25 AM - 04:30 AM	52.1	07:05 AM - 07:10 AM	56.0	09:45 AM - 09:50 AM	49.6	49.6	43.3
04:30 AM - 04:35 AM	49.5	07:10 AM - 07:15 AM	55.5	09:50 AM - 09:55 AM	49.3	49.3	43.9
04:35 AM - 04:40 AM	46.8	07:15 AM - 07:20 AM	56.7	09:55 AM - 10:00 AM	50.8	50.8	44.1

Approved by

Saranyuth Jitrantorn
Assistant General Manager

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Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Analysis / Test Report

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675078-1

Page 1 of 3

Sample Number : 2321121-10
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่-ห้วยใหญ่ (GPS 47P 0735531, 1402769)
Measurement Date : May 27 - May 28, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 00873109

May 27, 2023	Leq dB(A)	May 27, 2023	Leq dB(A)	May 27, 2023	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	50.7	12:40 PM - 12:45 PM	55.3	03:20 PM - 03:25 PM	53.0	46.1
10:05 AM - 10:10 AM	52.3	12:45 PM - 12:50 PM	54.8	03:25 PM - 03:30 PM	51.5	44.8
10:10 AM - 10:15 AM	53.6	12:50 PM - 12:55 PM	52.4	03:30 PM - 03:35 PM	50.9	44.8
10:15 AM - 10:20 AM	51.4	12:55 PM - 01:00 PM	53.2	03:35 PM - 03:40 PM	54.3	46.1
10:20 AM - 10:25 AM	51.4	01:00 PM - 01:05 PM	52.0	03:40 PM - 03:45 PM	51.5	44.6
10:25 AM - 10:30 AM	52.2	01:05 PM - 01:10 PM	52.7	03:45 PM - 03:50 PM	51.9	44.6
10:30 AM - 10:35 AM	50.4	01:10 PM - 01:15 PM	53.8	03:50 PM - 03:55 PM	55.5	45.1
10:35 AM - 10:40 AM	51.1	01:15 PM - 01:20 PM	53.2	03:55 PM - 04:00 PM	53.5	46.0
10:40 AM - 10:45 AM	50.8	01:20 PM - 01:25 PM	51.8	04:00 PM - 04:05 PM	50.7	46.5
10:45 AM - 10:50 AM	52.2	01:25 PM - 01:30 PM	50.6	04:05 PM - 04:10 PM	51.2	44.8
10:50 AM - 10:55 AM	52.0	01:30 PM - 01:35 PM	53.2	04:10 PM - 04:15 PM	51.5	46.1
10:55 AM - 11:00 AM	52.3	01:35 PM - 01:40 PM	53.0	04:15 PM - 04:20 PM	52.3	47.9
11:00 AM - 11:05 AM	51.2	01:40 PM - 01:45 PM	53.1	04:20 PM - 04:25 PM	52.3	46.8
11:05 AM - 11:10 AM	51.7	01:45 PM - 01:50 PM	53.0	04:25 PM - 04:30 PM	51.8	46.3
11:10 AM - 11:15 AM	52.7	01:50 PM - 01:55 PM	53.7	04:30 PM - 04:35 PM	54.5	46.5
11:15 AM - 11:20 AM	53.7	01:55 PM - 02:00 PM	53.8	04:35 PM - 04:40 PM	55.2	49.3
11:20 AM - 11:25 AM	52.2	02:00 PM - 02:05 PM	52.0	04:40 PM - 04:45 PM	53.8	48.4
11:25 AM - 11:30 AM	53.1	02:05 PM - 02:10 PM	54.1	04:45 PM - 04:50 PM	55.5	47.9
11:30 AM - 11:35 AM	50.9	02:10 PM - 02:15 PM	53.5	04:50 PM - 04:55 PM	54.5	48.3
11:35 AM - 11:40 AM	58.2	02:15 PM - 02:20 PM	51.0	04:55 PM - 05:00 PM	57.6	48.7
11:40 AM - 11:45 AM	51.0	02:20 PM - 02:25 PM	53.2	05:00 PM - 05:05 PM	56.7	49.4
11:45 AM - 11:50 AM	58.4	02:25 PM - 02:30 PM	50.0	05:05 PM - 05:10 PM	56.3	50.4
11:50 AM - 11:55 AM	51.6	02:30 PM - 02:35 PM	52.4	05:10 PM - 05:15 PM	55.7	50.7
12:00 PM - 12:05 PM	52.5	02:35 PM - 02:40 PM	50.4	05:15 PM - 05:20 PM	55.4	51.2
12:05 PM - 12:10 PM	54.9	02:40 PM - 02:45 PM	53.6	05:20 PM - 05:25 PM	54.0	50.5
12:10 PM - 12:15 PM	52.7	02:45 PM - 02:50 PM	54.3	05:25 PM - 05:30 PM	54.3	49.7
12:15 PM - 12:20 PM	52.4	02:50 PM - 02:55 PM	50.9	05:30 PM - 05:35 PM	55.6	50.3
12:20 PM - 12:25 PM	51.2	02:55 PM - 03:00 PM	51.2	05:35 PM - 05:40 PM	54.6	49.9
12:25 PM - 12:30 PM	50.2	03:00 PM - 03:05 PM	50.0	05:40 PM - 05:45 PM	56.8	49.1
12:30 PM - 12:35 PM	51.4	03:05 PM - 03:10 PM	54.2	05:45 PM - 05:50 PM	58.6	51.4
12:35 PM - 12:40 PM	50.1	03:10 PM - 03:15 PM	50.4	05:50 PM - 05:55 PM	55.5	50.3
		03:15 PM - 03:20 PM	53.0	05:55 PM - 06:00 PM	55.8	48.7

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Approved by

Sarayuth Jitranont
Assistant General Manager



Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Analysis / Test Report

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675078-1

Page 2 of 3

Sample Number : 2321121-10
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่-ห้วยใหญ่ (GPS 47P 0735531, 1402769)
Measurement Date : May 27 - May 28, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 00873109

May 27, 2023	Leq dB(A)	May 27, 2023	Leq dB(A)	May 27, 2023	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	56.4	08:40 PM - 08:45 PM	59.0	11:20 PM - 11:25 PM	52.4	46.7
06:05 PM - 06:10 PM	54.7	08:45 PM - 08:50 PM	53.3	11:25 PM - 11:30 PM	52.9	46.7
06:10 PM - 06:15 PM	56.8	08:50 PM - 08:55 PM	58.9	11:30 PM - 11:35 PM	54.3	48.4
06:15 PM - 06:20 PM	56.2	08:55 PM - 09:00 PM	61.1	11:35 PM - 11:40 PM	53.6	46.6
06:20 PM - 06:25 PM	55.9	09:00 PM - 09:05 PM	59.6	11:40 PM - 11:45 PM	56.3	45.9
06:25 PM - 06:30 PM	55.2	09:05 PM - 09:10 PM	53.1	11:45 PM - 11:50 PM	50.5	44.6
06:30 PM - 06:35 PM	54.5	09:10 PM - 09:15 PM	61.0	11:50 PM - 11:55 PM	56.3	46.7
06:35 PM - 06:40 PM	54.6	09:15 PM - 09:20 PM	51.9	11:55 PM - 12:00 AM	59.3	45.3
06:40 PM - 06:45 PM	59.6	09:20 PM - 09:25 PM	55.4	12:00 AM - 12:05 AM	56.0	45.2
06:45 PM - 06:50 PM	61.4	09:25 PM - 09:30 PM	55.1	12:05 AM - 12:10 AM	53.1	44.7
06:50 PM - 06:55 PM	55.9	09:30 PM - 09:35 PM	51.9	12:10 AM - 12:15 AM	52.4	47.6
06:55 PM - 07:00 PM	58.6	09:35 PM - 09:40 PM	51.2	12:15 AM - 12:20 AM	54.2	46.1
07:00 PM - 07:05 PM	55.1	09:40 PM - 09:45 PM	55.2	12:20 AM - 12:25 AM	50.2	45.0
07:05 PM - 07:10 PM	55.5	09:45 PM - 09:50 PM	53.8	12:25 AM - 12:30 AM	49.5	45.5
07:10 PM - 07:15 PM	54.6	09:50 PM - 09:55 PM	56.2	12:30 AM - 12:35 AM	51.5	45.6
07:15 PM - 07:20 PM	53.9	09:55 PM - 10:00 PM	57.4	12:35 AM - 12:40 AM	50.3	47.7
07:20 PM - 07:25 PM	54.5	10:00 PM - 10:05 PM	51.2	12:40 AM - 12:45 AM	56.7	45.3
07:25 PM - 07:30 PM	57.1	10:05 PM - 10:10 PM	55.5	12:45 AM - 12:50 AM	58.0	45.2
07:30 PM - 07:35 PM	60.6	10:10 PM - 10:15 PM	52.8	12:50 AM - 12:55 AM	50.8	48.0
07:35 PM - 07:40 PM	58.5	10:15 PM - 10:20 PM	56.2	12:55 AM - 01:00 AM	53.9	48.0
07:40 PM - 07:45 PM	56.1	10:20 PM - 10:25 PM	56.3	01:00 AM - 01:05 AM	53.6	47.9
07:45 PM - 07:50 PM	57.3	10:25 PM - 10:30 PM	52.0	01:05 AM - 01:10 AM	51.5	45.6
07:50 PM - 07:55 PM	54.0	10:30 PM - 10:35 PM	62.1	01:10 AM - 01:15 AM	55.4	46.8
07:55 PM - 08:00 PM	55.7	10:35 PM - 10:40 PM	58.2	01:15 AM - 01:20 AM	48.3	46.2
08:00 PM - 08:05 PM	53.3	10:40 PM - 10:45 PM	55.0	01:20 AM - 01:25 AM	51.1	46.7
08:05 PM - 08:10 PM	60.2	10:45 PM - 10:50 PM	53.5	01:25 AM - 01:30 AM	48.9	46.3
08:10 PM - 08:15 PM	55.9	10:50 PM - 10:55 PM	52.9	01:30 AM - 01:35 AM	50.4	46.6
08:15 PM - 08:20 PM	57.1	10:55 PM - 11:00 PM	55.6	01:35 AM - 01:40 AM	49.4	46.9
08:20 PM - 08:25 PM	53.9	11:00 PM - 11:05 PM	54.0	01:40 AM - 01:45 AM	49.6	46.8
08:25 PM - 08:30 PM	52.9	11:05 PM - 11:10 PM	62.7	01:45 AM - 01:50 AM	49.3	48.5
08:30 PM - 08:35 PM	59.0	11:10 PM - 11:15 PM	57.5	01:50 AM - 01:55 AM	52.2	46.8
08:35 PM - 08:40 PM	58.9	11:15 PM - 11:20 PM	52.1	01:55 AM - 02:00 AM	57.7	48.7

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Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675078-1

Page 3 of 3

Sample Number : 2321121-10
Parameter : Noise Level (Leq 5 min)
Location : ตึกอุตสาหกรรม-01/ตึก (GPS 47P 0735531, 1402769)
Measurement Date : May 27 - May 28, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 00873109

May 28, 2023 Time	Leq dB(A)	May 28, 2023 Time	Leq dB(A)	May 28, 2023 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	49.9	04:40 AM - 04:45 AM	50.6	07:20 AM - 07:25 AM	54.7	48.2
02:05 AM - 02:10 AM	49.1	04:45 AM - 04:50 AM	50.9	07:25 AM - 07:30 AM	54.0	48.4
02:10 AM - 02:15 AM	50.0	04:50 AM - 04:55 AM	53.9	07:30 AM - 07:35 AM	54.8	47.7
02:15 AM - 02:20 AM	51.3	04:55 AM - 05:00 AM	49.7	07:35 AM - 07:40 AM	56.1	48.6
02:20 AM - 02:25 AM	46.6	05:00 AM - 05:05 AM	51.6	07:40 AM - 07:45 AM	54.4	47.3
02:25 AM - 02:30 AM	50.5	05:05 AM - 05:10 AM	53.0	07:45 AM - 07:50 AM	53.6	48.7
02:30 AM - 02:35 AM	44.7	05:10 AM - 05:15 AM	49.6	07:50 AM - 07:55 AM	53.2	48.5
02:35 AM - 02:40 AM	47.4	05:15 AM - 05:20 AM	53.6	07:55 AM - 08:00 AM	53.9	48.3
02:40 AM - 02:45 AM	45.8	05:20 AM - 05:25 AM	54.6	08:00 AM - 08:05 AM	55.4	49.9
02:45 AM - 02:50 AM	50.8	05:25 AM - 05:30 AM	55.9	08:05 AM - 08:10 AM	53.9	50.1
02:50 AM - 02:55 AM	52.6	05:30 AM - 05:35 AM	54.7	08:10 AM - 08:15 AM	54.8	50.2
02:55 AM - 03:00 AM	52.7	05:35 AM - 05:40 AM	52.2	08:15 AM - 08:20 AM	53.4	48.0
03:00 AM - 03:05 AM	44.9	05:40 AM - 05:45 AM	52.3	08:20 AM - 08:25 AM	56.2	49.7
03:05 AM - 03:10 AM	45.6	05:45 AM - 05:50 AM	51.2	08:25 AM - 08:30 AM	54.6	47.7
03:10 AM - 03:15 AM	45.7	05:50 AM - 05:55 AM	53.0	08:30 AM - 08:35 AM	52.2	47.2
03:15 AM - 03:20 AM	43.6	05:55 AM - 06:00 AM	52.8	08:35 AM - 08:40 AM	55.6	46.7
03:20 AM - 03:25 AM	75.1	06:00 AM - 06:05 AM	52.9	08:40 AM - 08:45 AM	54.3	46.9
03:25 AM - 03:30 AM	74.5	06:05 AM - 06:10 AM	53.1	08:45 AM - 08:50 AM	52.1	45.8
03:30 AM - 03:35 AM	68.7	06:10 AM - 06:15 AM	51.6	08:50 AM - 08:55 AM	51.9	46.3
03:35 AM - 03:40 AM	66.0	06:15 AM - 06:20 AM	52.1	08:55 AM - 09:00 AM	52.9	46.7
03:40 AM - 03:45 AM	44.7	06:20 AM - 06:25 AM	53.4	09:00 AM - 09:05 AM	53.5	47.1
03:45 AM - 03:50 AM	46.3	06:25 AM - 06:30 AM	53.9	09:05 AM - 09:10 AM	54.4	45.4
03:50 AM - 03:55 AM	45.7	06:30 AM - 06:35 AM	54.3	09:10 AM - 09:15 AM	55.7	45.0
03:55 AM - 04:00 AM	45.6	06:35 AM - 06:40 AM	56.2	09:15 AM - 09:20 AM	55.4	47.0
04:00 AM - 04:05 AM	42.9	06:40 AM - 06:45 AM	53.4	09:20 AM - 09:25 AM	53.6	45.9
04:05 AM - 04:10 AM	46.0	06:45 AM - 06:50 AM	54.7	09:25 AM - 09:30 AM	52.4	47.2
04:10 AM - 04:15 AM	47.1	06:50 AM - 06:55 AM	53.6	09:30 AM - 09:35 AM	52.0	46.6
04:15 AM - 04:20 AM	69.5	06:55 AM - 07:00 AM	55.4	09:35 AM - 09:40 AM	54.7	47.3
04:20 AM - 04:25 AM	71.5	07:00 AM - 07:05 AM	55.5	09:40 AM - 09:45 AM	53.7	47.7
04:25 AM - 04:30 AM	60.6	07:05 AM - 07:10 AM	57.8	09:45 AM - 09:50 AM	53.4	47.7
04:30 AM - 04:35 AM	52.2	07:10 AM - 07:15 AM	55.2	09:50 AM - 09:55 AM	53.1	47.0
04:35 AM - 04:40 AM	44.2	07:15 AM - 07:20 AM	55.0	09:55 AM - 10:00 AM	51.9	47.2

Approved by

Sareyuth Jitrantorn
Assistant General Manager

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Sareyuth Jitrantorn
Assistant General Manager



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675079-1

Page 1 of 3

Sample Number : 2321121-11
Parameter : Noise Level (Leq 5 min)
Location : ตึกอุตสาหกรรม-01/ตึก (GPS 47P 0735531, 1402769)
Measurement Date : May 28 - May 29, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 00873109

May 28, 2023 Time	Leq dB(A)	May 28, 2023 Time	Leq dB(A)	May 28, 2023 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	52.1	12:40 PM - 12:45 PM	53.6	03:20 PM - 03:25 PM	55.1	45.9
10:05 AM - 10:10 AM	52.9	12:45 PM - 12:50 PM	52.6	03:25 PM - 03:30 PM	56.4	42.5
10:10 AM - 10:15 AM	57.7	12:50 PM - 12:55 PM	57.3	03:30 PM - 03:35 PM	52.2	44.4
10:15 AM - 10:20 AM	52.3	12:55 PM - 01:00 PM	52.6	03:35 PM - 03:40 PM	53.8	44.3
10:20 AM - 10:25 AM	58.3	01:00 PM - 01:05 PM	52.8	03:40 PM - 03:45 PM	52.8	46.1
10:25 AM - 10:30 AM	52.0	01:05 PM - 01:10 PM	53.3	03:45 PM - 03:50 PM	55.3	46.3
10:30 AM - 10:35 AM	52.0	01:10 PM - 01:15 PM	51.0	03:50 PM - 03:55 PM	52.0	47.0
10:35 AM - 10:40 AM	53.6	01:15 PM - 01:20 PM	51.3	03:55 PM - 04:00 PM	53.9	46.8
10:40 AM - 10:45 AM	58.7	01:20 PM - 01:25 PM	55.3	04:00 PM - 04:05 PM	53.7	45.2
10:45 AM - 10:50 AM	52.0	01:25 PM - 01:30 PM	55.7	04:05 PM - 04:10 PM	54.3	46.8
10:50 AM - 10:55 AM	51.8	01:30 PM - 01:35 PM	52.7	04:10 PM - 04:15 PM	51.2	45.0
10:55 AM - 11:00 AM	51.1	01:35 PM - 01:40 PM	53.8	04:15 PM - 04:20 PM	52.6	46.8
11:00 AM - 11:05 AM	53.8	01:40 PM - 01:45 PM	54.5	04:20 PM - 04:25 PM	50.9	46.7
11:05 AM - 11:10 AM	54.7	01:45 PM - 01:50 PM	55.1	04:25 PM - 04:30 PM	52.8	47.0
11:10 AM - 11:15 AM	51.9	01:50 PM - 01:55 PM	53.8	04:30 PM - 04:35 PM	53.1	46.6
11:15 AM - 11:20 AM	50.7	01:55 PM - 02:00 PM	53.5	04:35 PM - 04:40 PM	51.9	46.8
11:20 AM - 11:25 AM	54.5	02:00 PM - 02:05 PM	55.2	04:40 PM - 04:45 PM	59.2	46.4
11:25 AM - 11:30 AM	56.2	02:05 PM - 02:10 PM	58.7	04:45 PM - 04:50 PM	54.1	45.7
11:30 AM - 11:35 AM	52.1	02:10 PM - 02:15 PM	52.6	04:50 PM - 04:55 PM	53.6	46.9
11:35 AM - 11:40 AM	54.0	02:15 PM - 02:20 PM	53.5	04:55 PM - 05:00 PM	52.7	46.1
11:40 AM - 11:45 AM	53.1	02:20 PM - 02:25 PM	54.7	05:00 PM - 05:05 PM	54.3	45.7
11:45 AM - 11:50 AM	53.1	02:25 PM - 02:30 PM	53.8	05:05 PM - 05:10 PM	54.2	45.9
11:50 AM - 11:55 AM	56.8	02:30 PM - 02:35 PM	60.1	05:10 PM - 05:15 PM	55.3	47.5
11:55 AM - 12:00 PM	55.9	02:35 PM - 02:40 PM	55.0	05:15 PM - 05:20 PM	51.5	45.5
12:00 PM - 12:05 PM	51.3	02:40 PM - 02:45 PM	58.1	05:20 PM - 05:25 PM	52.8	46.7
12:05 PM - 12:10 PM	55.5	02:45 PM - 02:50 PM	55.4	05:25 PM - 05:30 PM	51.1	45.7
12:10 PM - 12:15 PM	59.9	02:50 PM - 02:55 PM	52.1	05:30 PM - 05:35 PM	52.1	46.9
12:15 PM - 12:20 PM	53.2	02:55 PM - 03:00 PM	56.7	05:35 PM - 05:40 PM	53.2	47.3
12:20 PM - 12:25 PM	55.9	03:00 PM - 03:05 PM	53.5	05:40 PM - 05:45 PM	51.4	47.7
12:25 PM - 12:30 PM	50.9	03:05 PM - 03:10 PM	52.9	05:45 PM - 05:50 PM	51.6	46.4
12:30 PM - 12:35 PM	53.6	03:10 PM - 03:15 PM	49.7	05:50 PM - 05:55 PM	53.4	47.8
12:35 PM - 12:40 PM	53.6	03:15 PM - 03:20 PM	49.6	05:55 PM - 06:00 PM	52.9	46.8

Approved by

Sareyuth Jitrantorn
Assistant General Manager

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675079-1

Page 2 of 3

Sample Number : 2321121-11
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่-อ.บ้านค่าย (GPS 47P 0735531, 1402769)
Measurement Date : May 28 - May 29, 2023
Measurement by : Nantawat Saim
Sound Level meter : Serial No. 00873109

May 28, 2023	Leq dB(A)	May 28, 2023	Leq dB(A)	May 28 - May 29, 2023	Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	58.5	47.9	53.2	46.7	08:40 PM - 08:45 PM	53.2	52.9
06:05 PM - 06:10 PM	54.4	50.3	50.9	45.9	08:45 PM - 08:50 PM	50.9	52.3
06:10 PM - 06:15 PM	54.8	49.9	53.2	46.7	08:50 PM - 08:55 PM	53.2	55.5
06:15 PM - 06:20 PM	53.2	49.2	53.2	47.5	08:55 PM - 09:00 PM	53.2	55.7
06:20 PM - 06:25 PM	55.5	49.0	53.1	48.0	09:00 PM - 09:05 PM	53.1	56.3
06:25 PM - 06:30 PM	54.2	49.8	52.1	46.8	09:05 PM - 09:10 PM	52.1	56.3
06:30 PM - 06:35 PM	52.3	47.1	58.8	48.9	09:10 PM - 09:15 PM	58.8	58.5
06:35 PM - 06:40 PM	51.1	45.1	58.4	47.9	09:15 PM - 09:20 PM	58.4	52.4
06:40 PM - 06:45 PM	54.2	44.1	61.3	47.9	09:20 PM - 09:25 PM	61.3	50.8
06:45 PM - 06:50 PM	51.4	45.5	52.1	46.4	09:25 PM - 09:30 PM	52.1	51.1
06:50 PM - 06:55 PM	53.4	45.4	57.7	47.4	09:30 PM - 09:35 PM	57.7	51.3
06:55 PM - 07:00 PM	53.0	48.1	52.6	47.8	09:35 PM - 09:40 PM	52.6	51.9
07:00 PM - 07:05 PM	53.3	44.8	53.6	47.5	09:40 PM - 09:45 PM	53.6	51.5
07:05 PM - 07:10 PM	54.2	43.2	52.0	46.6	09:45 PM - 09:50 PM	52.0	50.4
07:10 PM - 07:15 PM	54.2	44.5	54.1	46.0	09:50 PM - 09:55 PM	54.1	50.7
07:15 PM - 07:20 PM	61.5	44.3	54.2	48.1	09:55 PM - 10:00 PM	54.2	49.8
07:20 PM - 07:25 PM	52.3	44.6	52.8	47.0	10:00 PM - 10:05 PM	52.8	50.8
07:25 PM - 07:30 PM	51.8	43.6	55.1	47.3	10:05 PM - 10:10 PM	55.1	54.3
07:30 PM - 07:35 PM	53.5	45.3	55.1	49.1	10:10 PM - 10:15 PM	55.1	53.6
07:35 PM - 07:40 PM	51.8	45.4	53.6	49.0	10:15 PM - 10:20 PM	53.6	50.8
07:40 PM - 07:45 PM	52.3	45.0	56.8	49.2	10:20 PM - 10:25 PM	56.8	51.6
07:45 PM - 07:50 PM	55.3	46.3	59.3	50.7	10:25 PM - 10:30 PM	59.3	52.1
07:50 PM - 07:55 PM	51.6	46.7	55.8	49.6	10:30 PM - 10:35 PM	55.8	53.5
07:55 PM - 08:00 PM	50.8	45.8	54.5	49.7	10:35 PM - 10:40 PM	54.5	52.8
08:00 PM - 08:05 PM	51.4	46.6	56.3	52.0	10:40 PM - 10:45 PM	56.3	51.9
08:05 PM - 08:10 PM	53.7	47.7	55.2	52.3	10:45 PM - 10:50 PM	55.2	52.8
08:10 PM - 08:15 PM	53.1	47.2	56.6	52.2	10:50 PM - 10:55 PM	56.6	52.2
08:15 PM - 08:20 PM	50.5	46.7	56.3	52.1	10:55 PM - 11:00 PM	56.3	51.6
08:20 PM - 08:25 PM	53.4	46.3	54.7	51.1	11:00 PM - 11:05 PM	54.7	51.9
08:25 PM - 08:30 PM	52.0	46.7	55.7	51.6	11:05 PM - 11:10 PM	55.7	51.6
08:30 PM - 08:35 PM	52.5	45.8	56.4	52.2	11:10 PM - 11:15 PM	56.4	50.8
08:35 PM - 08:40 PM	51.0	46.5	51.9	51.9	11:15 PM - 11:20 PM	51.9	49.8

Approved by

Saranyuth Jitranont
Assistant General Manager

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675079-1

Page 3 of 3

Sample Number : 2321121-11
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่-อ.บ้านค่าย (GPS 47P 0735531, 1402769)
Measurement Date : May 28 - May 29, 2023
Measurement by : Nantawat Saim
Sound Level meter : Serial No. 00873109

May 29, 2023	Leq dB(A)	May 29, 2023	Leq dB(A)	May 29, 2023	Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	56.9	51.9	49.2	48.4	04:40 AM - 04:45 AM	56.9	49.2
02:05 AM - 02:10 AM	59.8	51.9	49.6	48.9	04:45 AM - 04:50 AM	49.6	46.3
02:10 AM - 02:15 AM	59.7	52.2	54.1	48.8	04:50 AM - 04:55 AM	54.1	46.6
02:15 AM - 02:20 AM	57.0	52.6	53.4	49.3	04:55 AM - 05:00 AM	53.4	49.7
02:20 AM - 02:25 AM	63.3	53.2	53.5	48.8	05:00 AM - 05:05 AM	53.5	46.3
02:25 AM - 02:30 AM	55.7	52.5	52.9	48.5	05:05 AM - 05:10 AM	52.9	47.4
02:30 AM - 02:35 AM	60.9	52.1	52.9	49.7	05:10 AM - 05:15 AM	52.9	46.8
02:35 AM - 02:40 AM	56.6	51.8	53.8	49.2	05:15 AM - 05:20 AM	53.8	46.6
02:40 AM - 02:45 AM	54.6	51.0	54.4	49.2	05:20 AM - 05:25 AM	54.4	46.2
02:45 AM - 02:50 AM	53.8	51.1	56.6	48.7	05:25 AM - 05:30 AM	56.6	46.7
02:50 AM - 02:55 AM	52.9	50.4	56.1	50.2	05:30 AM - 05:35 AM	56.1	46.5
02:55 AM - 03:00 AM	54.9	50.0	55.7	49.8	05:35 AM - 05:40 AM	55.7	46.1
03:00 AM - 03:05 AM	58.0	50.7	55.3	47.8	05:40 AM - 05:45 AM	55.3	46.2
03:05 AM - 03:10 AM	54.0	50.0	54.3	49.1	05:45 AM - 05:50 AM	54.3	46.1
03:10 AM - 03:15 AM	54.3	50.1	57.8	48.2	05:50 AM - 05:55 AM	57.8	45.2
03:15 AM - 03:20 AM	57.4	51.7	50.5	47.4	05:55 AM - 06:00 AM	50.5	45.7
03:20 AM - 03:25 AM	55.5	51.7	50.7	48.3	06:00 AM - 06:05 AM	50.7	45.7
03:25 AM - 03:30 AM	54.3	49.7	49.5	47.8	06:05 AM - 06:10 AM	49.5	45.5
03:30 AM - 03:35 AM	53.1	50.1	51.5	47.1	06:10 AM - 06:15 AM	51.5	45.8
03:35 AM - 03:40 AM	54.0	49.4	54.3	48.5	06:15 AM - 06:20 AM	54.3	46.9
03:40 AM - 03:45 AM	53.9	49.5	53.8	49.4	06:20 AM - 06:25 AM	53.8	45.9
03:45 AM - 03:50 AM	52.9	49.3	52.2	48.4	06:25 AM - 06:30 AM	52.2	45.8
03:50 AM - 03:55 AM	54.7	50.4	51.2	47.2	06:30 AM - 06:35 AM	51.2	46.1
03:55 AM - 04:00 AM	52.9	50.2	48.7	46.4	06:35 AM - 06:40 AM	48.7	45.9
04:00 AM - 04:05 AM	51.6	48.8	55.8	47.1	06:40 AM - 06:45 AM	55.8	45.4
04:05 AM - 04:10 AM	51.9	48.7	57.8	47.4	06:45 AM - 06:50 AM	57.8	45.4
04:10 AM - 04:15 AM	52.2	49.4	53.2	48.0	06:50 AM - 06:55 AM	53.2	45.5
04:15 AM - 04:20 AM	55.0	50.2	51.5	46.9	06:55 AM - 07:00 AM	51.5	45.8
04:20 AM - 04:25 AM	56.9	50.8	50.1	46.1	07:00 AM - 07:05 AM	50.1	45.8
04:25 AM - 04:30 AM	52.4	49.8	49.1	45.8	07:05 AM - 07:10 AM	49.1	45.2
04:30 AM - 04:35 AM	53.3	49.6	53.9	47.1	07:10 AM - 07:15 AM	53.9	45.1
04:35 AM - 04:40 AM	53.3	49.1	50.4	46.7	07:15 AM - 07:20 AM	50.4	45.4

Approved by

Saranyuth Jitranont
Assistant General Manager

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Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Analysis / Test Report

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675080-1

Page 1 of 3

Sample Number : 2321121-12
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่-อ.บ้านค่าย (GPS 47P 0735531, 1402769)
Measurement Date : May 29 - May 30, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 00873109

May 29, 2023	Leq dB(A)	May 29, 2023	Leq dB(A)	May 29, 2023	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	52.2	12:40 PM - 12:45 PM	56.4	50.8	53.9	47.1
10:05 AM - 10:10 AM	47.0	12:45 PM - 12:50 PM	55.6	52.0	51.6	46.8
10:10 AM - 10:15 AM	47.7	12:50 PM - 12:55 PM	60.2	49.2	52.9	48.3
10:15 AM - 10:20 AM	48.1	12:55 PM - 01:00 PM	55.9	51.1	52.3	46.8
10:20 AM - 10:25 AM	47.7	01:00 PM - 01:05 PM	53.8	50.0	52.8	47.1
10:25 AM - 10:30 AM	47.4	01:05 PM - 01:10 PM	56.5	51.0	52.1	46.7
10:30 AM - 10:35 AM	51.5	01:10 PM - 01:15 PM	55.9	51.6	52.0	47.4
10:35 AM - 10:40 AM	51.5	01:15 PM - 01:20 PM	57.3	51.4	51.0	47.1
10:40 AM - 10:45 AM	49.6	01:20 PM - 01:25 PM	55.3	51.2	52.8	47.5
10:45 AM - 10:50 AM	51.2	01:25 PM - 01:30 PM	55.3	50.8	51.7	45.6
10:50 AM - 10:55 AM	51.0	01:30 PM - 01:35 PM	56.3	50.3	51.8	47.3
10:55 AM - 11:00 AM	49.0	01:35 PM - 01:40 PM	57.8	50.0	54.6	47.6
11:00 AM - 11:05 AM	49.2	01:40 PM - 01:45 PM	57.1	51.1	56.6	48.1
11:05 AM - 11:10 AM	53.7	01:45 PM - 01:50 PM	56.5	50.3	51.2	46.0
11:10 AM - 11:15 AM	54.5	01:50 PM - 01:55 PM	56.4	50.3	52.2	47.5
11:15 AM - 11:20 AM	52.5	01:55 PM - 02:00 PM	55.1	48.8	54.9	47.5
11:20 AM - 11:25 AM	52.8	02:00 PM - 02:05 PM	57.3	50.6	56.1	47.3
11:25 AM - 11:30 AM	52.8	02:05 PM - 02:10 PM	55.8	49.4	53.5	47.5
11:30 AM - 11:35 AM	58.7	02:10 PM - 02:15 PM	55.0	48.4	54.2	46.8
11:35 AM - 11:40 AM	57.1	02:15 PM - 02:20 PM	54.4	49.0	53.1	47.1
11:40 AM - 11:45 AM	53.4	02:20 PM - 02:25 PM	55.5	49.5	55.2	49.8
11:45 AM - 11:50 AM	55.0	02:25 PM - 02:30 PM	54.4	48.9	52.7	46.7
11:50 AM - 11:55 AM	53.3	02:30 PM - 02:35 PM	54.4	49.7	53.1	46.4
12:00 PM - 12:05 PM	54.1	02:35 PM - 02:40 PM	53.9	50.8	51.4	46.7
12:05 PM - 12:10 PM	54.5	02:40 PM - 02:45 PM	53.6	50.6	53.4	48.0
12:10 PM - 12:15 PM	54.2	02:45 PM - 02:50 PM	54.3	51.2	56.4	49.4
12:15 PM - 12:20 PM	53.1	02:50 PM - 02:55 PM	54.0	48.7	59.7	47.3
12:20 PM - 12:25 PM	54.7	02:55 PM - 03:00 PM	54.2	46.7	55.1	48.7
12:25 PM - 12:30 PM	55.5	03:00 PM - 03:05 PM	53.4	48.2	59.5	49.2
12:30 PM - 12:35 PM	58.2	03:05 PM - 03:10 PM	51.2	47.1	54.2	50.1
12:35 PM - 12:40 PM	55.8	03:10 PM - 03:15 PM	52.1	46.6	58.6	50.0
		03:15 PM - 03:20 PM	51.1	46.6	52.8	47.7

Sarayuth Jitranont
Assistant General Manager

Approved by

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Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Analysis / Test Report

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675080-1

Page 2 of 3

Sample Number : 2321121-12
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่-อ.บ้านค่าย (GPS 47P 0735531, 1402769)
Measurement Date : May 29 - May 30, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 00873109

May 29, 2023	Leq dB(A)	May 29, 2023	Leq dB(A)	May 29, 2023	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	53.6	08:40 PM - 08:45 PM	52.1	46.5	55.1	50.9
06:05 PM - 06:10 PM	55.1	08:45 PM - 08:50 PM	50.4	46.1	56.4	51.5
06:10 PM - 06:15 PM	54.7	08:50 PM - 08:55 PM	54.0	45.5	55.6	50.2
06:15 PM - 06:20 PM	53.2	08:55 PM - 09:00 PM	57.2	47.3	57.7	51.6
06:20 PM - 06:25 PM	52.5	09:00 PM - 09:05 PM	55.1	47.9	57.3	51.2
06:25 PM - 06:30 PM	53.2	09:05 PM - 09:10 PM	51.6	45.7	56.9	51.1
06:30 PM - 06:35 PM	54.7	09:10 PM - 09:15 PM	53.7	46.8	58.1	52.3
06:35 PM - 06:40 PM	53.1	09:15 PM - 09:20 PM	53.5	46.7	57.0	53.8
06:40 PM - 06:45 PM	54.0	09:20 PM - 09:25 PM	58.1	46.6	56.5	52.6
06:45 PM - 06:50 PM	53.5	09:25 PM - 09:30 PM	53.9	46.6	55.6	52.4
06:50 PM - 06:55 PM	53.8	09:30 PM - 09:35 PM	53.3	46.3	56.2	52.8
06:55 PM - 07:00 PM	52.5	09:35 PM - 09:40 PM	52.7	47.4	55.4	50.1
07:00 PM - 07:05 PM	53.7	09:40 PM - 09:45 PM	52.8	47.2	55.0	51.7
07:05 PM - 07:10 PM	54.4	09:45 PM - 09:50 PM	53.8	46.6	57.0	50.5
07:10 PM - 07:15 PM	55.6	09:50 PM - 09:55 PM	51.2	46.9	57.0	50.8
07:15 PM - 07:20 PM	52.6	09:55 PM - 10:00 PM	52.5	46.8	54.9	50.1
07:20 PM - 07:25 PM	51.8	10:00 PM - 10:05 PM	53.7	47.9	57.3	51.8
07:25 PM - 07:30 PM	53.0	10:05 PM - 10:10 PM	51.5	46.8	57.1	51.2
07:30 PM - 07:35 PM	52.0	10:10 PM - 10:15 PM	54.3	48.4	58.6	55.5
07:35 PM - 07:40 PM	52.3	10:15 PM - 10:20 PM	54.0	49.0	58.5	54.2
07:40 PM - 07:45 PM	52.9	10:20 PM - 10:25 PM	55.7	47.9	59.3	52.2
07:45 PM - 07:50 PM	53.1	10:25 PM - 10:30 PM	54.7	47.9	57.9	51.7
07:50 PM - 07:55 PM	52.4	10:30 PM - 10:35 PM	53.8	49.2	59.9	49.6
07:55 PM - 08:00 PM	53.7	10:35 PM - 10:40 PM	55.6	50.3	57.6	51.5
08:00 PM - 08:05 PM	53.9	10:40 PM - 10:45 PM	55.9	51.9	56.9	50.6
08:05 PM - 08:10 PM	52.4	10:45 PM - 10:50 PM	55.1	50.6	54.8	50.8
08:10 PM - 08:15 PM	50.2	10:50 PM - 10:55 PM	55.6	52.0	55.6	49.8
08:15 PM - 08:20 PM	53.2	10:55 PM - 11:00 PM	54.2	50.2	56.2	50.4
08:20 PM - 08:25 PM	53.6	11:00 PM - 11:05 PM	52.6	47.9	54.7	50.5
08:25 PM - 08:30 PM	51.7	11:05 PM - 11:10 PM	54.5	49.4	54.6	49.3
08:30 PM - 08:35 PM	50.2	11:10 PM - 11:15 PM	54.6	50.6	53.8	49.9
08:35 PM - 08:40 PM	54.6	11:15 PM - 11:20 PM	58.6	51.2	52.6	49.0

Sarayuth Jitranont
Assistant General Manager

Approved by

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675080-1

Page 3 of 3

Sample Number : 2321121-12
Parameter : Noise Level (Leq 5 min)
Location : ตึกอุตสาหกรรม-01/ตึก (GPS 47P 0735531, 1402769)
Measurement Date : May 29 - May 30, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 00873109

May 30, 2023 Time	Leq dB(A)	May 30, 2023 Time	Leq dB(A)	May 30, 2023 Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	57.5	04:40 AM - 04:45 AM	54.9	07:20 AM - 07:25 AM	55.8	48.3
02:05 AM - 02:10 AM	54.6	04:45 AM - 04:50 AM	54.2	07:25 AM - 07:30 AM	54.5	47.9
02:10 AM - 02:15 AM	56.2	04:50 AM - 04:55 AM	59.2	07:30 AM - 07:35 AM	52.6	47.8
02:15 AM - 02:20 AM	57.0	04:55 AM - 05:00 AM	53.3	07:35 AM - 07:40 AM	50.0	47.3
02:20 AM - 02:25 AM	55.1	05:00 AM - 05:05 AM	57.4	07:40 AM - 07:45 AM	50.4	47.2
02:25 AM - 02:30 AM	56.8	05:05 AM - 05:10 AM	52.5	07:45 AM - 07:50 AM	50.4	47.0
02:30 AM - 02:35 AM	55.9	05:10 AM - 05:15 AM	52.9	07:50 AM - 07:55 AM	51.8	47.0
02:35 AM - 02:40 AM	56.1	05:15 AM - 05:20 AM	50.1	07:55 AM - 08:00 AM	48.4	46.4
02:40 AM - 02:45 AM	53.3	05:20 AM - 05:25 AM	50.9	08:00 AM - 08:05 AM	49.7	47.0
02:45 AM - 02:50 AM	53.5	05:25 AM - 05:30 AM	52.3	08:05 AM - 08:10 AM	48.7	46.7
02:50 AM - 02:55 AM	55.5	05:30 AM - 05:35 AM	55.0	08:10 AM - 08:15 AM	50.0	46.6
02:55 AM - 03:00 AM	54.5	05:35 AM - 05:40 AM	54.1	08:15 AM - 08:20 AM	49.0	45.8
03:00 AM - 03:05 AM	52.9	05:40 AM - 05:45 AM	52.3	08:20 AM - 08:25 AM	48.2	46.0
03:05 AM - 03:10 AM	55.0	05:45 AM - 05:50 AM	52.0	08:25 AM - 08:30 AM	47.8	46.3
03:10 AM - 03:15 AM	54.3	05:50 AM - 05:55 AM	51.8	08:30 AM - 08:35 AM	52.3	46.6
03:15 AM - 03:20 AM	54.8	05:55 AM - 06:00 AM	53.1	08:35 AM - 08:40 AM	47.8	46.6
03:20 AM - 03:25 AM	55.8	06:00 AM - 06:05 AM	54.4	08:40 AM - 08:45 AM	52.3	47.5
03:25 AM - 03:30 AM	56.4	06:05 AM - 06:10 AM	51.3	08:45 AM - 08:50 AM	48.1	46.5
03:30 AM - 03:35 AM	55.3	06:10 AM - 06:15 AM	50.9	08:50 AM - 08:55 AM	53.3	47.3
03:35 AM - 03:40 AM	53.9	06:15 AM - 06:20 AM	50.4	08:55 AM - 09:00 AM	52.5	48.8
03:40 AM - 03:45 AM	53.5	06:20 AM - 06:25 AM	56.2	09:00 AM - 09:05 AM	50.2	47.4
03:45 AM - 03:50 AM	58.5	06:25 AM - 06:30 AM	53.1	09:05 AM - 09:10 AM	48.3	46.6
03:50 AM - 03:55 AM	54.4	06:30 AM - 06:35 AM	51.7	09:10 AM - 09:15 AM	47.6	46.4
03:55 AM - 04:00 AM	56.9	06:35 AM - 06:40 AM	50.4	09:15 AM - 09:20 AM	52.2	46.1
04:00 AM - 04:05 AM	53.6	06:40 AM - 06:45 AM	49.2	09:20 AM - 09:25 AM	54.8	46.0
04:05 AM - 04:10 AM	52.7	06:45 AM - 06:50 AM	50.5	09:25 AM - 09:30 AM	51.8	45.6
04:10 AM - 04:15 AM	55.5	06:50 AM - 06:55 AM	51.5	09:30 AM - 09:35 AM	50.9	45.5
04:15 AM - 04:20 AM	55.9	06:55 AM - 07:00 AM	49.9	09:35 AM - 09:40 AM	48.3	46.1
04:20 AM - 04:25 AM	59.3	07:00 AM - 07:05 AM	48.6	09:40 AM - 09:45 AM	49.6	45.0
04:25 AM - 04:30 AM	52.9	07:05 AM - 07:10 AM	50.0	09:45 AM - 09:50 AM	48.8	45.0
04:30 AM - 04:35 AM	60.2	07:10 AM - 07:15 AM	51.0	09:50 AM - 09:55 AM	48.4	45.1
04:35 AM - 04:40 AM	53.1	07:15 AM - 07:20 AM	51.0	09:55 AM - 10:00 AM	52.7	45.9

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Approved by

Sarayuth Jitrantorn
Assistant General Manager



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675081-1

Page 1 of 3

Sample Number : 2321121-13
Parameter : Noise Level (Leq 5 min)
Location : ตึกอุตสาหกรรม-01/ตึก (GPS 47P 0735531, 1402769)
Measurement Date : May 30 - May 31, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 00873109

May 30, 2023 Time	Leq dB(A)	May 30, 2023 Time	Leq dB(A)	May 30, 2023 Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	48.1	12:40 PM - 12:45 PM	55.0	03:20 PM - 03:25 PM	51.6	46.4
10:05 AM - 10:10 AM	52.2	12:45 PM - 12:50 PM	56.0	03:25 PM - 03:30 PM	50.9	45.9
10:10 AM - 10:15 AM	50.2	12:50 PM - 12:55 PM	54.5	03:30 PM - 03:35 PM	59.2	47.8
10:15 AM - 10:20 AM	49.8	12:55 PM - 01:00 PM	56.2	03:35 PM - 03:40 PM	53.6	45.7
10:20 AM - 10:25 AM	48.9	01:00 PM - 01:05 PM	54.9	03:40 PM - 03:45 PM	52.2	46.1
10:25 AM - 10:30 AM	49.9	01:05 PM - 01:10 PM	53.2	03:45 PM - 03:50 PM	51.8	45.3
10:30 AM - 10:35 AM	48.4	01:10 PM - 01:15 PM	55.6	03:50 PM - 03:55 PM	51.0	46.0
10:35 AM - 10:40 AM	49.0	01:15 PM - 01:20 PM	56.6	03:55 PM - 04:00 PM	50.0	45.0
10:40 AM - 10:45 AM	52.5	01:20 PM - 01:25 PM	56.5	04:00 PM - 04:05 PM	49.4	45.3
10:45 AM - 10:50 AM	49.4	01:25 PM - 01:30 PM	55.9	04:05 PM - 04:10 PM	50.6	45.3
10:50 AM - 10:55 AM	52.3	01:30 PM - 01:35 PM	59.8	04:10 PM - 04:15 PM	53.2	44.9
10:55 AM - 11:00 AM	50.6	01:35 PM - 01:40 PM	57.6	04:15 PM - 04:20 PM	51.9	46.3
11:00 AM - 11:05 AM	53.1	01:40 PM - 01:45 PM	57.1	04:20 PM - 04:25 PM	51.1	44.0
11:05 AM - 11:10 AM	49.6	01:45 PM - 01:50 PM	58.2	04:25 PM - 04:30 PM	51.5	44.8
11:10 AM - 11:15 AM	51.3	01:50 PM - 01:55 PM	55.5	04:30 PM - 04:35 PM	50.2	44.8
11:15 AM - 11:20 AM	50.2	01:55 PM - 02:00 PM	54.0	04:35 PM - 04:40 PM	51.5	45.1
11:20 AM - 11:25 AM	54.5	02:00 PM - 02:05 PM	55.8	04:40 PM - 04:45 PM	49.9	44.7
11:25 AM - 11:30 AM	54.0	02:05 PM - 02:10 PM	54.5	04:45 PM - 04:50 PM	49.7	45.9
11:30 AM - 11:35 AM	53.9	02:10 PM - 02:15 PM	52.1	04:50 PM - 04:55 PM	55.8	45.7
11:35 AM - 11:40 AM	51.6	02:15 PM - 02:20 PM	61.9	04:55 PM - 05:00 PM	51.0	45.4
11:40 AM - 11:45 AM	53.6	02:20 PM - 02:25 PM	56.2	05:00 PM - 05:05 PM	52.5	45.5
11:45 AM - 11:50 AM	51.7	02:25 PM - 02:30 PM	53.3	05:05 PM - 05:10 PM	51.6	45.8
11:50 AM - 11:55 AM	52.2	02:30 PM - 02:35 PM	54.9	05:10 PM - 05:15 PM	53.6	47.1
11:55 AM - 12:00 PM	56.3	02:35 PM - 02:40 PM	55.0	05:15 PM - 05:20 PM	51.3	46.1
12:00 PM - 12:05 PM	55.4	02:40 PM - 02:45 PM	53.1	05:20 PM - 05:25 PM	52.2	46.5
12:05 PM - 12:10 PM	53.7	02:45 PM - 02:50 PM	53.2	05:25 PM - 05:30 PM	54.3	47.7
12:10 PM - 12:15 PM	54.8	02:50 PM - 02:55 PM	52.3	05:30 PM - 05:35 PM	51.6	47.0
12:15 PM - 12:20 PM	54.3	02:55 PM - 03:00 PM	52.5	05:35 PM - 05:40 PM	52.3	47.1
12:20 PM - 12:25 PM	55.4	03:00 PM - 03:05 PM	52.5	05:40 PM - 05:45 PM	52.0	47.0
12:25 PM - 12:30 PM	54.7	03:05 PM - 03:10 PM	50.2	05:45 PM - 05:50 PM	51.6	47.5
12:30 PM - 12:35 PM	55.7	03:10 PM - 03:15 PM	57.3	05:50 PM - 05:55 PM	56.3	48.4
12:35 PM - 12:40 PM	58.4	03:15 PM - 03:20 PM	51.6	05:55 PM - 06:00 PM	55.2	46.5

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

Approved by

Sarayuth Jitrantorn
Assistant General Manager



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675081-1

Page 2 of 3

Sample Number : 2321121-13
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่-อ.บ้านค่าย (GPS 47P 0735531, 1402769)
Measurement Date : May 30 - May 31, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 00873109

May 30, 2023	Leq dB(A)	L90 dB(A)	May 30, 2023	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	51.0	46.6	08:40 PM - 08:45 PM	57.5	46.8
06:05 PM - 06:10 PM	52.7	47.4	08:45 PM - 08:50 PM	56.8	47.9
06:10 PM - 06:15 PM	55.9	48.7	08:50 PM - 08:55 PM	53.1	48.1
06:15 PM - 06:20 PM	54.8	49.5	08:55 PM - 09:00 PM	51.1	46.6
06:20 PM - 06:25 PM	53.4	49.1	09:00 PM - 09:05 PM	55.0	47.3
06:25 PM - 06:30 PM	54.5	49.4	09:05 PM - 09:10 PM	55.3	48.7
06:30 PM - 06:35 PM	55.1	48.9	09:10 PM - 09:15 PM	59.7	49.8
06:35 PM - 06:40 PM	55.1	48.3	09:15 PM - 09:20 PM	59.1	49.4
06:40 PM - 06:45 PM	56.1	47.3	09:20 PM - 09:25 PM	59.2	49.8
06:45 PM - 06:50 PM	53.8	47.1	09:25 PM - 09:30 PM	53.0	47.8
06:50 PM - 06:55 PM	52.0	46.9	09:30 PM - 09:35 PM	52.7	47.9
06:55 PM - 07:00 PM	54.5	47.1	09:35 PM - 09:40 PM	55.9	47.6
07:00 PM - 07:05 PM	53.6	47.6	09:40 PM - 09:45 PM	54.1	48.2
07:05 PM - 07:10 PM	51.4	45.6	09:45 PM - 09:50 PM	52.7	48.1
07:10 PM - 07:15 PM	53.7	46.7	09:50 PM - 09:55 PM	56.4	49.9
07:15 PM - 07:20 PM	53.4	47.5	09:55 PM - 10:00 PM	59.5	50.0
07:20 PM - 07:25 PM	51.4	46.0	10:00 PM - 10:05 PM	55.3	50.1
07:25 PM - 07:30 PM	53.8	47.7	10:05 PM - 10:10 PM	53.9	49.1
07:30 PM - 07:35 PM	52.6	45.5	10:10 PM - 10:15 PM	55.5	49.3
07:35 PM - 07:40 PM	52.6	46.3	10:15 PM - 10:20 PM	58.2	49.9
07:40 PM - 07:45 PM	55.2	46.2	10:20 PM - 10:25 PM	56.3	49.1
07:45 PM - 07:50 PM	52.9	47.6	10:25 PM - 10:30 PM	56.9	48.8
07:50 PM - 07:55 PM	50.8	45.9	10:30 PM - 10:35 PM	52.3	47.9
07:55 PM - 08:00 PM	50.7	45.9	10:35 PM - 10:40 PM	53.9	47.8
08:00 PM - 08:05 PM	52.6	45.3	10:40 PM - 10:45 PM	56.3	47.0
08:05 PM - 08:10 PM	51.8	47.2	10:45 PM - 10:50 PM	62.7	47.6
08:10 PM - 08:15 PM	50.5	45.0	10:50 PM - 10:55 PM	55.5	46.9
08:15 PM - 08:20 PM	53.3	45.7	10:55 PM - 11:00 PM	54.7	47.8
08:20 PM - 08:25 PM	50.6	44.5	11:00 PM - 11:05 PM	54.9	47.2
08:25 PM - 08:30 PM	52.2	46.3	11:05 PM - 11:10 PM	57.5	50.0
08:30 PM - 08:35 PM	50.6	45.5	11:10 PM - 11:15 PM	59.9	49.5
08:35 PM - 08:40 PM	53.2	45.4	11:15 PM - 11:20 PM	61.2	49.4

Approved by

Saranyuth Jitrantorn
Assistant General Manager

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675081-1

Page 3 of 3

Sample Number : 2321121-13
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่-อ.บ้านค่าย (GPS 47P 0735531, 1402769)
Measurement Date : May 30 - May 31, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 00873109

May 31, 2023	Leq dB(A)	L90 dB(A)	May 31, 2023	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	48.9	46.6	04:40 AM - 04:45 AM	53.2	45.0
02:05 AM - 02:10 AM	49.9	46.3	04:45 AM - 04:50 AM	52.8	45.4
02:10 AM - 02:15 AM	52.1	45.9	04:50 AM - 04:55 AM	51.9	45.7
02:15 AM - 02:20 AM	48.1	45.6	04:55 AM - 05:00 AM	49.0	45.2
02:20 AM - 02:25 AM	48.1	46.1	05:00 AM - 05:05 AM	56.1	45.7
02:25 AM - 02:30 AM	47.7	46.1	05:05 AM - 05:10 AM	53.2	45.1
02:30 AM - 02:35 AM	51.0	46.9	05:10 AM - 05:15 AM	57.4	45.4
02:35 AM - 02:40 AM	51.7	46.8	05:15 AM - 05:20 AM	55.1	45.5
02:40 AM - 02:45 AM	48.8	46.7	05:20 AM - 05:25 AM	51.6	45.8
02:45 AM - 02:50 AM	48.6	47.0	05:25 AM - 05:30 AM	57.7	51.3
02:50 AM - 02:55 AM	48.3	46.9	05:30 AM - 05:35 AM	56.1	54.4
02:55 AM - 03:00 AM	50.1	47.1	05:35 AM - 05:40 AM	55.6	50.8
03:00 AM - 03:05 AM	51.2	47.7	05:40 AM - 05:45 AM	51.9	47.7
03:05 AM - 03:10 AM	48.5	47.1	05:45 AM - 05:50 AM	54.5	49.2
03:10 AM - 03:15 AM	49.4	47.8	05:50 AM - 05:55 AM	53.5	48.8
03:15 AM - 03:20 AM	50.0	46.8	05:55 AM - 06:00 AM	54.9	48.7
03:20 AM - 03:25 AM	50.2	47.3	06:00 AM - 06:05 AM	55.4	49.1
03:25 AM - 03:30 AM	50.3	47.5	06:05 AM - 06:10 AM	55.0	50.2
03:30 AM - 03:35 AM	51.6	47.1	06:10 AM - 06:15 AM	56.2	50.1
03:35 AM - 03:40 AM	51.1	46.7	06:15 AM - 06:20 AM	54.2	49.2
03:40 AM - 03:45 AM	48.7	46.9	06:20 AM - 06:25 AM	55.3	49.2
03:45 AM - 03:50 AM	49.4	45.7	06:25 AM - 06:30 AM	55.4	48.9
03:50 AM - 03:55 AM	56.3	45.7	06:30 AM - 06:35 AM	56.5	50.1
03:55 AM - 04:00 AM	48.9	45.1	06:35 AM - 06:40 AM	60.4	51.3
04:00 AM - 04:05 AM	52.6	45.5	06:40 AM - 06:45 AM	57.9	51.1
04:05 AM - 04:10 AM	50.2	45.1	06:45 AM - 06:50 AM	55.4	51.3
04:10 AM - 04:15 AM	47.2	45.3	06:50 AM - 06:55 AM	59.9	50.6
04:15 AM - 04:20 AM	52.1	45.5	06:55 AM - 07:00 AM	56.5	50.9
04:20 AM - 04:25 AM	48.1	45.2	07:00 AM - 07:05 AM	56.3	51.6
04:25 AM - 04:30 AM	48.8	44.6	07:05 AM - 07:10 AM	57.1	51.8
04:30 AM - 04:35 AM	52.6	44.4	07:10 AM - 07:15 AM	58.3	50.7
04:35 AM - 04:40 AM	51.1	44.9	07:15 AM - 07:20 AM	57.3	50.8

Approved by

Saranyuth Jitrantorn
Assistant General Manager

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Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121

Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675082-1

Analysis / Test Report

Page 1 of 3

Sample Number : 2321121-14
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่-อ.บ้านค่าย (GPS 47P 0735531, 1402769)
Measurement Date : May 31 - Jun 01, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 00873109

May 31, 2023	Leq dB(A)	May 31, 2023	Leq dB(A)	May 31, 2023	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	51.1	12:40 PM - 12:45 PM	48.8	03:20 PM - 03:25 PM	52.3	45.5
10:05 AM - 10:10 AM	52.5	12:45 PM - 12:50 PM	52.9	03:25 PM - 03:30 PM	52.3	46.2
10:10 AM - 10:15 AM	51.1	12:50 PM - 12:55 PM	52.8	03:30 PM - 03:35 PM	57.0	47.2
10:15 AM - 10:20 AM	52.5	12:55 PM - 01:00 PM	56.0	03:35 PM - 03:40 PM	62.6	46.0
10:20 AM - 10:25 AM	53.7	01:00 PM - 01:05 PM	53.7	03:40 PM - 03:45 PM	52.6	45.6
10:25 AM - 10:30 AM	51.9	01:05 PM - 01:10 PM	50.2	03:45 PM - 03:50 PM	52.6	44.7
10:30 AM - 10:35 AM	52.1	01:10 PM - 01:15 PM	52.2	03:50 PM - 03:55 PM	52.4	46.0
10:35 AM - 10:40 AM	52.4	01:15 PM - 01:20 PM	51.0	03:55 PM - 04:00 PM	53.4	45.8
10:40 AM - 10:45 AM	50.9	01:20 PM - 01:25 PM	53.0	04:00 PM - 04:05 PM	51.4	46.3
10:45 AM - 10:50 AM	50.8	01:25 PM - 01:30 PM	52.3	04:05 PM - 04:10 PM	52.4	47.1
10:50 AM - 10:55 AM	53.0	01:30 PM - 01:35 PM	52.0	04:10 PM - 04:15 PM	52.4	47.9
10:55 AM - 11:00 AM	52.7	01:35 PM - 01:40 PM	51.1	04:15 PM - 04:20 PM	58.6	48.1
11:00 AM - 11:05 AM	51.2	01:40 PM - 01:45 PM	52.3	04:20 PM - 04:25 PM	54.6	48.8
11:05 AM - 11:10 AM	51.2	01:45 PM - 01:50 PM	54.2	04:25 PM - 04:30 PM	53.0	47.2
11:10 AM - 11:15 AM	53.7	01:50 PM - 01:55 PM	53.2	04:30 PM - 04:35 PM	53.7	47.8
11:15 AM - 11:20 AM	51.9	01:55 PM - 02:00 PM	55.0	04:35 PM - 04:40 PM	53.8	50.3
11:20 AM - 11:25 AM	51.8	02:00 PM - 02:05 PM	52.9	04:40 PM - 04:45 PM	54.0	49.0
11:25 AM - 11:30 AM	53.7	02:05 PM - 02:10 PM	50.6	04:45 PM - 04:50 PM	54.7	50.5
11:30 AM - 11:35 AM	58.0	02:10 PM - 02:15 PM	49.3	04:50 PM - 04:55 PM	52.9	48.5
11:35 AM - 11:40 AM	55.4	02:15 PM - 02:20 PM	52.1	04:55 PM - 05:00 PM	53.4	49.1
11:40 AM - 11:45 AM	52.1	02:20 PM - 02:25 PM	49.6	05:00 PM - 05:05 PM	54.3	48.6
11:45 AM - 11:50 AM	56.8	02:25 PM - 02:30 PM	51.4	05:05 PM - 05:10 PM	53.1	48.5
11:50 AM - 11:55 AM	54.4	02:30 PM - 02:35 PM	49.7	05:10 PM - 05:15 PM	61.4	51.2
12:00 PM - 12:05 PM	54.9	02:35 PM - 02:40 PM	50.7	05:15 PM - 05:20 PM	57.9	50.1
12:05 PM - 12:10 PM	54.8	02:40 PM - 02:45 PM	51.3	05:20 PM - 05:25 PM	58.0	51.4
12:10 PM - 12:15 PM	52.8	02:45 PM - 02:50 PM	50.8	05:25 PM - 05:30 PM	56.5	49.2
12:15 PM - 12:20 PM	53.2	02:50 PM - 02:55 PM	50.6	05:30 PM - 05:35 PM	54.7	50.4
12:20 PM - 12:25 PM	52.9	02:55 PM - 03:00 PM	49.3	05:35 PM - 05:40 PM	56.2	49.6
12:25 PM - 12:30 PM	54.2	03:00 PM - 03:05 PM	51.1	05:40 PM - 05:45 PM	56.6	49.7
12:30 PM - 12:35 PM	50.9	03:05 PM - 03:10 PM	52.2	05:45 PM - 05:50 PM	56.9	49.8
12:35 PM - 12:40 PM	52.9	03:10 PM - 03:15 PM	52.0	05:50 PM - 05:55 PM	58.7	50.6
		03:15 PM - 03:20 PM	50.1	05:55 PM - 06:00 PM	54.8	50.3

Approved by

Sarayuth Jitranont
Assistant General Manager

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Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)

Lot ID: 2321121

Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675082-1

Analysis / Test Report

Page 2 of 3

Sample Number : 2321121-14
Parameter : Noise Level (Leq 5 min)
Location : ต.บ้านใหม่-อ.บ้านค่าย (GPS 47P 0735531, 1402769)
Measurement Date : May 31 - Jun 01, 2023
Measurement by : Nantawat Sarin
Sound Level meter : Serial No. 00873109

May 31, 2023	Leq dB(A)	May 31, 2023	Leq dB(A)	May 31, 2023	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	57.5	08:40 PM - 08:45 PM	61.6	11:20 PM - 11:25 PM	51.3	47.2
06:05 PM - 06:10 PM	55.2	08:45 PM - 08:50 PM	59.5	11:25 PM - 11:30 PM	51.8	47.9
06:10 PM - 06:15 PM	57.3	08:50 PM - 08:55 PM	58.3	11:30 PM - 11:35 PM	52.0	48.1
06:15 PM - 06:20 PM	59.0	08:55 PM - 09:00 PM	61.5	11:35 PM - 11:40 PM	53.5	48.2
06:20 PM - 06:25 PM	56.7	09:00 PM - 09:05 PM	61.7	11:40 PM - 11:45 PM	53.0	48.3
06:25 PM - 06:30 PM	55.2	09:05 PM - 09:10 PM	61.3	11:45 PM - 11:50 PM	55.0	48.7
06:30 PM - 06:35 PM	56.4	09:10 PM - 09:15 PM	56.3	11:50 PM - 11:55 PM	59.8	49.2
06:35 PM - 06:40 PM	57.8	09:15 PM - 09:20 PM	57.0	11:55 PM - 12:00 AM	53.5	47.8
06:40 PM - 06:45 PM	58.9	09:20 PM - 09:25 PM	57.9	12:00 AM - 12:05 AM	55.4	48.7
06:45 PM - 06:50 PM	57.0	09:25 PM - 09:30 PM	56.5	12:05 AM - 12:10 AM	56.7	48.7
06:50 PM - 06:55 PM	58.2	09:30 PM - 09:35 PM	54.6	12:10 AM - 12:15 AM	53.2	48.5
06:55 PM - 07:00 PM	58.2	09:35 PM - 09:40 PM	56.0	12:15 AM - 12:20 AM	50.7	47.4
07:00 PM - 07:05 PM	54.9	09:40 PM - 09:45 PM	54.9	12:20 AM - 12:25 AM	55.7	48.4
07:05 PM - 07:10 PM	54.0	09:45 PM - 09:50 PM	54.2	12:25 AM - 12:30 AM	55.1	48.1
07:10 PM - 07:15 PM	55.9	09:50 PM - 09:55 PM	52.9	12:30 AM - 12:35 AM	56.2	47.6
07:15 PM - 07:20 PM	56.4	09:55 PM - 10:00 PM	53.0	12:35 AM - 12:40 AM	50.4	47.8
07:20 PM - 07:25 PM	56.5	10:00 PM - 10:05 PM	55.1	12:40 AM - 12:45 AM	53.7	48.0
07:25 PM - 07:30 PM	56.2	10:05 PM - 10:10 PM	58.0	12:45 AM - 12:50 AM	57.3	47.6
07:30 PM - 07:35 PM	64.4	10:10 PM - 10:15 PM	55.5	12:50 AM - 12:55 AM	50.4	47.3
07:35 PM - 07:40 PM	54.0	10:15 PM - 10:20 PM	55.8	12:55 AM - 01:00 AM	50.3	47.6
07:40 PM - 07:45 PM	56.8	10:20 PM - 10:25 PM	60.3	01:00 AM - 01:05 AM	62.7	47.6
07:45 PM - 07:50 PM	57.9	10:25 PM - 10:30 PM	57.0	01:05 AM - 01:10 AM	50.0	47.6
07:50 PM - 07:55 PM	59.4	10:30 PM - 10:35 PM	56.2	01:10 AM - 01:15 AM	54.2	48.3
07:55 PM - 08:00 PM	54.8	10:35 PM - 10:40 PM	54.7	01:15 AM - 01:20 AM	59.6	48.2
08:00 PM - 08:05 PM	56.0	10:40 PM - 10:45 PM	54.5	01:20 AM - 01:25 AM	54.0	48.3
08:05 PM - 08:10 PM	54.1	10:45 PM - 10:50 PM	54.2	01:25 AM - 01:30 AM	50.5	47.9
08:10 PM - 08:15 PM	56.9	10:50 PM - 10:55 PM	59.4	01:30 AM - 01:35 AM	58.5	48.4
08:15 PM - 08:20 PM	57.7	10:55 PM - 11:00 PM	53.1	01:35 AM - 01:40 AM	49.9	48.2
08:20 PM - 08:25 PM	58.0	11:00 PM - 11:05 PM	53.9	01:40 AM - 01:45 AM	52.7	48.1
08:25 PM - 08:30 PM	60.7	11:05 PM - 11:10 PM	56.9	01:45 AM - 01:50 AM	49.9	48.0
08:30 PM - 08:35 PM	62.5	11:10 PM - 11:15 PM	56.0	01:50 AM - 01:55 AM	52.6	48.3
08:35 PM - 08:40 PM	61.5	11:15 PM - 11:20 PM	56.8	01:55 AM - 02:00 AM	50.4	48.3

Approved by

Sarayuth Jitranont
Assistant General Manager

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, 1-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut, PE (SPE)
Lot ID: 2321121
Date Received : Jun 06, 2023
Date Reported : Jun 07, 2023
Report Number : 2675082-1

Page 3 of 3

Sample Number	Parameter	Location	Measurement Date	Measurement by	Sound Level meter
2321121-14	Noise Level (Leq 5 min)	อุตสาหกรรม-อรัญสภ (GPS 47P 0735531, 1402769)	May 31 - Jun 01, 2023	Nantawat Saim	Serial No. 00873109
Jun 01, 2023	Leq dB(A)	Jun 01, 2023	Leq dB(A)	Jun 01, 2023	Leq dB(A)
Time		Time		Time	
02:00 AM - 02:05 AM	50.2	04:40 AM - 04:45 AM	47.6	07:20 AM - 07:25 AM	56.2
02:05 AM - 02:10 AM	50.5	04:45 AM - 04:50 AM	52.5	07:25 AM - 07:30 AM	54.6
02:10 AM - 02:15 AM	58.7	04:50 AM - 04:55 AM	49.5	07:30 AM - 07:35 AM	62.9
02:15 AM - 02:20 AM	53.3	04:55 AM - 05:00 AM	47.7	07:35 AM - 07:40 AM	57.3
02:20 AM - 02:25 AM	54.3	05:00 AM - 05:05 AM	49.6	07:40 AM - 07:45 AM	53.9
02:25 AM - 02:30 AM	49.4	05:05 AM - 05:10 AM	53.3	07:45 AM - 07:50 AM	55.2
02:30 AM - 02:35 AM	51.7	05:10 AM - 05:15 AM	52.2	07:50 AM - 07:55 AM	53.4
02:35 AM - 02:40 AM	49.1	05:15 AM - 05:20 AM	52.6	07:55 AM - 08:00 AM	54.4
02:40 AM - 02:45 AM	49.8	05:20 AM - 05:25 AM	50.1	08:00 AM - 08:05 AM	50.7
02:45 AM - 02:50 AM	50.0	05:25 AM - 05:30 AM	53.6	08:05 AM - 08:10 AM	55.7
02:50 AM - 02:55 AM	51.9	05:30 AM - 05:35 AM	55.6	08:10 AM - 08:15 AM	55.0
02:55 AM - 03:00 AM	50.4	05:35 AM - 05:40 AM	52.3	08:15 AM - 08:20 AM	53.2
03:00 AM - 03:05 AM	53.4	05:40 AM - 05:45 AM	50.9	08:20 AM - 08:25 AM	52.5
03:05 AM - 03:10 AM	58.4	05:45 AM - 05:50 AM	51.5	08:25 AM - 08:30 AM	51.5
03:10 AM - 03:15 AM	48.2	05:50 AM - 05:55 AM	50.4	08:30 AM - 08:35 AM	53.2
03:15 AM - 03:20 AM	50.3	05:55 AM - 06:00 AM	51.1	08:35 AM - 08:40 AM	50.9
03:20 AM - 03:25 AM	55.1	06:00 AM - 06:05 AM	55.7	08:40 AM - 08:45 AM	50.9
03:25 AM - 03:30 AM	53.4	06:05 AM - 06:10 AM	53.7	08:45 AM - 08:50 AM	50.9
03:30 AM - 03:35 AM	51.4	06:10 AM - 06:15 AM	55.1	08:50 AM - 08:55 AM	51.7
03:35 AM - 03:40 AM	65.6	06:15 AM - 06:20 AM	54.7	08:55 AM - 09:00 AM	50.8
03:40 AM - 03:45 AM	64.7	06:20 AM - 06:25 AM	53.5	09:00 AM - 09:05 AM	50.7
03:45 AM - 03:50 AM	51.7	06:25 AM - 06:30 AM	53.8	09:05 AM - 09:10 AM	49.4
03:50 AM - 03:55 AM	48.7	06:30 AM - 06:35 AM	54.1	09:10 AM - 09:15 AM	53.2
03:55 AM - 04:00 AM	52.3	06:35 AM - 06:40 AM	53.8	09:15 AM - 09:20 AM	49.4
04:00 AM - 04:05 AM	49.5	06:40 AM - 06:45 AM	54.7	09:20 AM - 09:25 AM	50.9
04:05 AM - 04:10 AM	47.9	06:45 AM - 06:50 AM	53.6	09:25 AM - 09:30 AM	48.7
04:10 AM - 04:15 AM	53.3	06:50 AM - 06:55 AM	55.7	09:30 AM - 09:35 AM	50.2
04:15 AM - 04:20 AM	49.4	06:55 AM - 07:00 AM	53.0	09:35 AM - 09:40 AM	52.7
04:20 AM - 04:25 AM	50.6	07:00 AM - 07:05 AM	53.7	09:40 AM - 09:45 AM	52.6
04:25 AM - 04:30 AM	57.1	07:05 AM - 07:10 AM	53.3	09:45 AM - 09:50 AM	48.4
04:30 AM - 04:35 AM	52.9	07:10 AM - 07:15 AM	55.5	09:50 AM - 09:55 AM	49.1
04:35 AM - 04:40 AM	50.3	07:15 AM - 07:20 AM	55.0	09:55 AM - 10:00 AM	48.8

Approved by

Saranyuth Jitranont
Assistant General Manager

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ภาคผนวก ค-6

ระดับเสียงในสถานประกอบการ



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O : 4514154868

Project Name : Environmental Quality Monitoring

Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321105

Date Received : Mar 17, 2023

Date Reported : Mar 22, 2023

Report Number: 2599293-1

Page 1 of 1

Sample Number	2321105-1			
Parameter	Noise (Leq 8 hrs.)			
Location	Solvent Recovery Unit 1			
Measurement Date	Mar 16, 2023			
Measurement by	Saknarin Jaraskay			
	Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
	09:47 AM - 10:47 AM	85.9	88.2	85.2
	10:47 AM - 11:47 AM	86.4	89.3	85.5
	11:47 AM - 12:47 PM	86.6	89.0	85.7
	12:47 PM - 01:47 PM	87.0	89.3	86.1
	01:47 PM - 02:47 PM	86.7	89.2	85.9
	02:47 PM - 03:47 PM	86.7	89.7	85.8
	03:47 PM - 04:47 PM	86.5	91.5	85.5
	04:47 PM - 05:47 PM	85.7	88.3	85.1

Technical Management

Thanitak.

Thanita Kulsriwong
Scientist (4)

Approved by

Supt S.

Supt Salameeth
Section Head

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O : 4514154868

Project Name : Environmental Quality Monitoring

Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321105

Date Received : Mar 17, 2023

Date Reported : Mar 22, 2023

Report Number: 2599294-1

Page 1 of 1

Sample Number	2321105-2		
Parameter	Noise (Leq 8 hrs.)		
Location	Solvent Recovery Unit 2		
Measurement Date	Mar 16, 2023		
Measurement by	Saknarin Jaraskay		
Time			
09:51 AM - 10:51 AM	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:51 AM - 11:51 AM	86.8	95.2	86.5
11:51 AM - 12:51 PM	86.4	87.5	86.1
12:51 PM - 01:51 PM	86.5	87.7	86.0
01:51 PM - 02:51 PM	86.5	87.7	86.2
02:51 PM - 03:51 PM	86.6	89.5	86.2
03:51 PM - 04:51 PM	87.0	88.3	86.6
04:51 PM - 05:51 PM	87.1	88.7	86.7
	87.0	88.7	86.6

Technical Management

Thanitak.

Thanita Kulsriwong
Scientist (4)

Approved by

Supt S.

Supt Salameeth
Section Head

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2348306
Date Received : May 27, 2023
Date Reported : May 31, 2023
Report Number: 2669279-1

Page 1 of 1

Sample Number	2348306-1		
Parameter	Noise (Leq 8 hrs.)		
Location	Solvent Recovery Unit 1		
Measurement Date	May 26, 2023		
Measurement by	Kantaphon Maneesampan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:19 AM - 10:19 AM	87.0	89.0	86.2
10:19 AM - 11:19 AM	86.9	89.4	85.8
11:19 AM - 12:19 PM	87.7	90.6	86.4
12:19 PM - 01:19 PM	88.2	90.9	87.1
01:19 PM - 02:19 PM	88.1	90.2	87.2
02:19 PM - 03:19 PM	88.1	90.8	87.2
03:19 PM - 04:19 PM	88.5	90.8	87.5
04:19 PM - 05:19 PM	88.2	91.0	87.2

Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง วิธีการตรวจวัดความดังเสียง
ในการประเมินการปฏิบัติงานในโรงงานอุตสาหกรรมในภาคอุตสาหกรรม พ.ศ.๒๕๖๖

Tharitak.

Technical Management

Thanita Kulsriwong
Scientist (4)

Approved by

Supt S.

Supot Salameeth
Section Head

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2348306
Date Received : May 27, 2023
Date Reported : May 31, 2023
Report Number: 2669280-1

Page 1 of 1

Sample Number	2348306-2		
Parameter	Noise (Leq 8 hrs.)		
Location	Solvent Recovery Unit 2		
Measurement Date	May 26, 2023		
Measurement by	Kantaphon Maneesampan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:24 AM - 10:24 AM	83.9	85.5	83.5
10:24 AM - 11:24 AM	84.1	86.5	83.6
11:24 AM - 12:24 PM	84.4	86.4	83.8
12:24 PM - 01:24 PM	84.4	86.2	83.9
01:24 PM - 02:24 PM	84.5	86.5	84.0
02:24 PM - 03:24 PM	83.9	86.8	83.6
03:24 PM - 04:24 PM	83.9	84.8	83.7
04:24 PM - 05:24 PM	83.8	86.1	83.5

Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง วิธีการตรวจวัดความดังเสียง
ในการประเมินการปฏิบัติงานในโรงงานอุตสาหกรรมในภาคอุตสาหกรรม พ.ศ.๒๕๖๖

Tharitak.

Technical Management

Thanita Kulsriwong
Scientist (4)

Approved by

Supt S.

Supot Salameeth
Section Head

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ภาคผนวก ค-7

ระดับเสียงแยกความถี่ (Octave Bands)



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321107
Date Received : Mar 17, 2023
Date Reported : Mar 25, 2023
Report Number : 2604434-1

Page 1 of 1

Sample Number 2321107-1
Parameter Octave Band
Location Solvent Recovery Unit 1
Measurement Date Mar 16, 2023
Measurement By Saknarin Jaraskay

Time	Result (dB(A))										
	Leq	16 Hz	31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
09:47 AM - 10:47 AM	85.9	19.8	47.2	54.3	62.7	68.5	81.7	78.8	81.3	72.3	62.8
10:47 AM - 11:47 AM	86.4	19.8	47.2	54.1	62.5	68.4	82.9	78.8	81.4	72.3	62.6
11:47 AM - 12:47 PM	86.6	19.8	47.2	54.2	62.6	68.4	83.3	78.6	81.4	72.3	62.7
12:47 PM - 01:47 PM	87.0	19.9	47.3	54.2	62.7	68.4	84.0	78.7	81.7	72.3	62.6
01:47 PM - 02:47 PM	86.7	20.0	47.4	54.3	62.8	68.4	83.5	78.6	81.8	72.5	63.7
02:47 PM - 03:47 PM	86.7	20.0	47.3	54.4	62.9	68.4	82.1	78.8	82.3	75.8	71.6
03:47 PM - 04:47 PM	86.5	20.9	47.3	54.4	62.7	68.4	82.1	78.6	82.0	75.4	70.4
04:47 PM - 05:47 PM	85.7	21.4	47.3	54.4	62.6	68.5	80.1	79.1	82.0	72.6	64.6
Average	86.5	20.2	47.3	54.3	62.7	68.4	82.6	78.7	81.7	73.4	66.8

Reference Method : ANSI Standard S1.6-1984

Technical Management *Orawan R.*
Orawan Rakying
Scientist (3)

Approved by *Supt S.*
Supt Salameh
Section Head

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S:\Reports\Air Noise_Octave band rpt (8.07AM)



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2321107
Date Received : Mar 17, 2023
Date Reported : Mar 25, 2023
Report Number : 2604435-1

Page 1 of 1

Sample Number 2321107-2
Parameter Octave Band
Location Solvent Recovery Unit 2
Measurement Date Mar 16, 2023
Measurement By Saknarin Jaraskay

Time	Result (dB(A))										
	Leq	16 Hz	31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
09:51 AM - 10:51 AM	86.9	27.3	46.9	54.3	64.2	70.8	82.2	81.8	80.9	75.0	66.5
10:51 AM - 11:51 AM	86.4	27.4	46.7	54.0	64.0	70.8	81.0	81.7	80.7	74.9	66.2
11:51 AM - 12:51 PM	86.4	27.3	46.7	54.0	64.1	70.6	80.5	81.9	80.7	74.8	66.2
12:51 PM - 01:51 PM	86.5	27.4	46.7	54.0	64.1	70.6	80.9	82.1	80.6	74.8	66.3
01:51 PM - 02:51 PM	86.6	27.6	46.8	54.0	64.1	70.7	81.4	81.9	80.6	74.9	66.4
02:51 PM - 03:51 PM	87.0	27.6	46.9	54.1	64.1	70.8	82.9	81.6	80.5	75.0	66.4
03:51 PM - 04:51 PM	87.1	28.3	46.8	54.1	64.0	70.8	83.0	81.7	80.6	75.0	66.6
04:51 PM - 05:51 PM	87.0	28.7	46.9	54.0	63.9	70.7	83.1	81.5	80.3	74.9	66.6
Average	86.7	27.7	46.8	54.1	64.1	70.7	82.0	81.8	80.6	74.9	66.4

Reference Method : ANSI Standard S1.6-1984

Technical Management *Orawan R.*
Orawan Rakying
Scientist (3)

Approved by *Supt S.*
Supt Salameh
Section Head

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2348307
Date Received : May 29, 2023
Date Reported : Jun 07, 2023
Report Number : 2675604-1

Page 1 of 1

Sample Number 2348307-1
Parameter Octave Band
Location Solvent Recovery Unit 1
Measurement Date May 26, 2023
Measurement By Kantaphon Maneesampan

Time	Result (dB(A))										
	Leq	16 Hz	31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
09:19 AM - 10:19 AM	87.0	9.8	41.5	47.2	57.7	64.7	84.3	73.1	69.3	63.6	54.0
10:19 AM - 11:19 AM	86.9	9.8	41.4	47.1	57.6	64.5	84.2	74.1	69.5	63.4	53.7
11:19 AM - 12:19 PM	87.7	9.8	41.4	47.0	57.8	64.6	85.8	72.7	69.2	63.2	53.5
12:19 PM - 01:19 PM	88.2	9.9	41.4	47.0	57.7	64.7	86.6	73.0	69.5	63.4	53.5
01:19 PM - 02:19 PM	88.2	9.9	41.4	47.1	57.8	64.7	86.5	73.2	69.6	63.4	53.4
02:19 PM - 03:19 PM	88.1	10.4	41.5	47.1	57.9	64.7	86.4	73.1	69.4	63.2	53.4
03:19 PM - 04:19 PM	88.5	10.1	41.5	47.1	58.0	64.6	86.9	72.8	69.2	63.1	53.5
04:19 PM - 05:19 PM	88.2	10.0	41.6	47.2	57.8	64.5	86.5	72.7	69.2	63.2	53.7
Average	87.9	10.0	41.5	47.1	57.8	64.6	86.0	73.1	69.4	63.3	53.6

Reference Method : ANSI Standard S1.6-1984

Technical Management
Orawan R.
Orawan Rakying
Scientist (3)

Approved by

Supt S.
Supt Salammith
Section Head

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 4514154868
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PE (SPE)

Lot ID: 2348307
Date Received : May 29, 2023
Date Reported : Jun 07, 2023
Report Number : 2675605-1

Page 1 of 1

Sample Number 2348307-2
Parameter Octave Band
Location Solvent Recovery Unit 2
Measurement Date May 26, 2023
Measurement By Kantaphon Maneesampan

Time	Result (dB(A))										
	Leq	16 Hz	31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
09:24 AM - 10:24 AM	83.9	26.5	45.2	51.8	64.5	69.6	73.7	78.3	80.4	74.3	64.6
10:24 AM - 11:24 AM	84.1	26.5	45.0	51.8	64.6	69.3	73.6	78.7	80.8	74.5	64.3
11:24 AM - 12:24 PM	84.4	27.5	46.0	52.5	64.8	69.4	73.7	79.1	81.0	74.5	64.1
12:24 PM - 01:24 PM	84.4	27.9	46.1	52.6	64.9	69.4	73.9	79.3	81.0	74.3	64.1
01:24 PM - 02:24 PM	84.5	28.3	46.1	52.7	64.9	69.4	73.9	79.2	81.2	74.9	64.1
02:24 PM - 03:24 PM	84.0	27.7	46.2	52.6	64.9	69.6	74.0	79.0	80.1	74.1	64.1
03:24 PM - 04:24 PM	83.9	27.7	46.3	52.6	64.9	69.6	73.9	78.7	80.2	74.5	64.2
04:24 PM - 05:24 PM	83.8	28.0	46.5	52.8	65.1	69.9	73.8	78.8	80.0	74.3	64.1
Average	84.1	27.5	45.9	52.4	64.8	69.5	73.8	78.9	80.6	74.4	64.2

Reference Method : ANSI Standard S1.6-1984

Technical Management
Orawan R.
Orawan Rakying
Scientist (3)

Approved by

Supt S.
Supt Salammith
Section Head

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ภาคผนวก ค-8

ระดับเสียงสะสมที่ตัวบุคคล (Noise Dose)

๑) รายการ (๒๕๕๖-๒๕๖๑)	คู่สมหรือภรรยา				คู่สมหรือภรรยา		
๒) ชื่อและนามสกุลบิดา	เสด็จฯ สมเด็จพระเจ้าบรมวงศ์เธอ เจ้าฟ้าฯ						
เลขทะเบียนนิติบุคคล	D109238145319						
ประเภทกิจการ	เมื่อจดทะเบียนนิติบุคคลขึ้น						
ตั้งอยู่เลขที่	8/1	หมู่ที่	๓๖๖/๑๐๒	ตำบล	โพธิ์สามต้น อำเภอเมืองราชบุรี		
ตำบล	เมืองราชบุรี	อำเภอ	เมืองราชบุรี	จังหวัด	ราชบุรี	รหัสไปรษณีย์	21150
โทรศัพท์	0-3667-3000	โทรสาร	0-3666-3991	โทรสารมือถือ			

บุคคลที่ขึ้นทะเบียนเป็นเจ้าของทรัพย์สินหรือสิทธิในทรัพย์สินตามกฎหมายว่าด้วยการขึ้นทะเบียนทรัพย์สินหรือสิทธิในทรัพย์สิน
ไม่มีความเป็นญาติหรือความสัมพันธ์ทางสายโลหิตกับบุคคลที่ขึ้นทะเบียนเป็นเจ้าของทรัพย์สินหรือสิทธิในทรัพย์สินตามกฎหมายว่าด้วยการ
จดทะเบียนทรัพย์สินหรือสิทธิในทรัพย์สิน (แต่มีสิทธิในทรัพย์สินหรือสิทธิในทรัพย์สินตามกฎหมายว่าด้วยการจดทะเบียนทรัพย์สินหรือสิทธิในทรัพย์สิน)

ชื่อ-นามสกุลผู้ดำเนินการ ตรวจวัดและวิเคราะห์ผลสัมฤทธิ์ทางการเรียน	ประภาพร ธวัชใจแก้ว ปณตพัฒน์กิจพัถ์วณิช	เจษฎาพร เจ้าหน้าทีควบคุมและจัดการพัสดุ
๑) นางสาวศุภณัฐ ใจใส	เจ้าหน้าที่ควบคุมและจัดการพัสดุ	กต.ป.ป. 221-0588๒

☐ แผนงานส่งเสริมการจัดตั้งและพัฒนาระบบประกันคุณภาพการศึกษาระดับมัธยมศึกษาตอนต้น (ฉบับที่ ๑)

☐ แผนงานส่งเสริมการจัดตั้งและพัฒนาระบบประกันคุณภาพการศึกษาระดับมัธยมศึกษาตอนต้น (ฉบับที่ ๒)

☒ แผนงานส่งเสริมการจัดตั้งและพัฒนาระบบประกันคุณภาพการศึกษาระดับมัธยมศึกษาตอนต้น (ฉบับที่ ๓)

ชื่อ-นามสกุล บุคคลที่มีข้อมูลผู้ดำเนินการ ตรวจวัดผลวิธีประเมินผลการวางแผน	เลขที่ใบเสร็จรับเงิน/เลขที่ใบบัญชี	ระยะเวลาที่ใช้ การขึ้นทะเบียนและได้ใบรับรอง ตั้งแต่วันที่ขึ้นทะเบียน ถึง วันที่ขึ้นบัญชี
๑)		

- ☐ แผนประกอบแผนหลัก กระทรวงวัฒนธรรมและวัฒนธรรมศึกษาว่าด้วยการดำเนินงานเกี่ยวกับวัฒนธรรม (ฉบับ รหัสที่. ๑)
- ☐ แผนประกอบแผนหลัก กระทรวงวัฒนธรรมและวัฒนธรรมศึกษาว่าด้วยการดำเนินงานเกี่ยวกับศิลปวัฒนธรรม (ฉบับ รหัสที่. ๒)
- ☐ แผนประกอบแผนหลัก กระทรวงวัฒนธรรมและวัฒนธรรมศึกษาว่าด้วยการดำเนินงานเกี่ยวกับสื่อ (ฉบับ รหัสที่. ๓)

วันที่ ๖ สิงหาคม ๒๕๖๓ ณ ห้องประชุม (นางสาวศศิธร บดินทร์)
 ผู้แทนโรงเรียน (นางสาวศศิธร บดินทร์)
 ผู้แทน อบต. (นางสาวศศิธร บดินทร์)

แบบรายงานผลการตรวจวัดและวิเคราะห์ผลการดำเนินงานเกี่ยวกับเสียง

๑. วัน เดือน ปี ที่สำรวจ 17-20 กุมภาพันธ์ 2566

๓๓ เครื่องมือที่ใช้ในการตรวจวัด (กรณีที่ใช้เครื่องตรวจวัดมากกว่า ๓ เครื่อง) ให้เพิ่มข้อมูลเป็นลำดับในตาราง

ชนิด/ประเภทเครื่องวัด (Type)	ชื่อรุ่น (Model Name)	หมายเลขเครื่อง (Serial Number)	มาตรฐาน (Standard)	วันเดือนปี การสอบเทียบ (Calibration Date)	ผู้สอบเทียบ (Calibrator)
a) Noise Dose Meter	QUEST - NP-DL	NCT00009	IEC 651 : 1979	20 เมษายน 2565	

๔๓. รูปพรรณที่ใช้นี้มีการปรับเทียบความถูกต้องของเครื่องมือตรวจวัดระดับความดังเสียง

อุปกรณ์/วัสดุที่ใช้ในการทดสอบ	ชื่อ/รุ่น	หมายเลขเครื่อง (Serial Number)	มาตรฐานเครื่อง	มาตรฐาน
a) Sound calibration	-QUEST/QC-10	QC100060	ANSI S1.40-1964 4cc 1/2 C 342 1/8B Class 1	

๔. ผลการตรวจวัดและวิเคราะห์ผลการทำพินัยกรรมเกี่ยวกับเสียงด้วยเครื่องวัดระดับความดังเสียง Sound Level Meter (SLM)

[illegible]

หมายเหตุ: ๑) SEG หรือ Similar Exposure Group หมายถึง กลุ่มบริษัทที่ดำเนินธุรกิจในลักษณะการทำงานที่เกี่ยวกับระดับความเสี่ยงเหมือนกัน คือ ลักษณะงานที่ทำ พื้นที่การทำงานหรือสภาพปัจจัยเสี่ยงเหมือนกัน

๒) บริเวณที่ทำการตรวจวัด ให้จัดทำแผนผังพื้นที่ที่ดำเนินการตรวจวัดระดับความดังเสียงเป็นเอกสารแนบ

๒) การนี้ที่พนักงานสืบค้นสืบค้นได้ในวันวันตรวจวัดหลายจุดทำงาน (หลายสถานที่งานพื้นที่ทำงาน) สามารถที่จะสืบค้นพื้นที่ทำงานในสาขาได้

๓) ระดับเสียงเฉลี่ย TWA ณ ชั่วโมง (dBA) ที่ต้องไม่เกินค่ามาตรฐานการกำหนดระดับเสียงที่ขึ้นกับชนิดของกรรมสิทธิ์ที่ดินประเภทการใช้ประโยชน์ที่ดิน

๕) ผลการประเมินใช้เกณฑ์มาตรฐานความพึงพอใจตามประกาศกรมสวัสดิการและคุ้มครองแรงงาน เมื่อ ๑ มกราคม ๒๕๖๑ ระดับเสียงที่ตอบให้ถูกงาน ได้รับเฉลี่ยตลอดระยะเวลาการทำงานแต่ละวัน ลงวันที่ ๑๓ ธันวาคม พ.ศ. ๒๕๖๒ ที่ ๗

๖) การเพิ่มศักยภาพประมงเกินขีดความสามารถของทรัพยากรให้บรรลุขีดความสามารถและประสิทธิภาพการจับปลาได้ โดยสามารถจัดทำเป็นสหภาพร่วมได้

ลงชื่อ จิรายุณี โสตา
(นางสาวพิชญ์สินี โสตา)
บุคคลที่มีบุคลิกดีเยี่ยมในด้านการจัดและบริหารจัดการภาพทำงาน

หนังสือ: Penislock C
(นางสาวอรุณลักษณ์ ฉายินทร)
นายจ้าง/ผู้เข้างานประจำทำางาน: _____

General Business

๓. วัน เดือน ปี ที่ตรวจวัด : 11-17 พฤษภาคม 2566

๖ เครื่องมือที่ใช้ในการตรวจวัด (กรณีที่ใช้เครื่องตรวจวัดมากกว่า ๓ เครื่อง ให้เขียนชื่อและเลขประจำตัวเครื่องมือ)

๒. ผลกระทบที่มีในด้านการเงินคือ ความยากลำบากขององค์กรที่มีรายได้น้อยกว่ารายจ่าย

๙ ผลการตรวจวัดและวิเคราะห์ผลการกำหนดค่าสัมประสิทธิ์การวัดระดับความดังเสียง Sound Level Meter (SLM)

หมายเหตุ: e) SEG หรือ Similar Exposure Group หมายถึง กลุ่มบริษัทที่ดำเนินธุรกิจในลักษณะที่คล้ายคลึงกัน หรือมีความเสี่ยงที่ใกล้เคียงกัน คือ ลักษณะงานที่คล้ายกัน หรือลักษณะงานที่เกี่ยวข้องกัน

๒) บริเวณที่ทำการตรวจวัด ไม่ให้จัดทำแผนผังพื้นที่ที่ดำเนินการตรวจวัดระดับความดังเสียงเป็นระยะเวลานาน

(๓) กรณีที่พนักงานของรัฐเสียค่าใช้จ่ายในการตรวจวัดค่ามลพิษทางอากาศ (ค่าโดยสารรถแท็กซี่หรือค่าเช่ารถแท็กซี่) สามารถหักเป็นเงินที่จ่ายภาษีได้ตามสมควรหรือไม่

๑) ระดับเสียงเฉลี่ย TWA = ๙๖.๖4 (dBA) ที่เกินขีดจำกัดระดับเสียงที่กรมส่งเสริมการค้าระหว่างประเทศกำหนดไว้ ซึ่งระดับเสียงเฉลี่ย TWA = ๙๖.๖4 (dBA) ที่เกินขีดจำกัดระดับเสียงที่กรมส่งเสริมการค้าระหว่างประเทศกำหนดไว้ ซึ่งระดับเสียงเฉลี่ย TWA = ๙๖.๖4 (dBA) ที่เกินขีดจำกัดระดับเสียงที่กรมส่งเสริมการค้าระหว่างประเทศกำหนดไว้

๕-) สภาผู้แทนราษฎรได้พิจารณาและเห็นชอบร่างพระราชบัญญัติแก้ไขเพิ่มเติมประมวลกฎหมายอาญา (ฉบับที่...) พ.ศ. ซึ่งแก้ไขเพิ่มเติมประมวลกฎหมายอาญาเรื่อง.....

๒-๖) วัตถุประสงค์ของการดำเนินงานโครงการ : เพื่อส่งเสริมและสนับสนุนการดำเนินงานด้านสิทธิมนุษยชนของภาคประชาสังคม และเพื่อสนับสนุนการดำเนินงานด้านสิทธิมนุษยชนของภาคประชาสังคม

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(អាវក់កាត់ក្រីក្រ គ្រែក)

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(အပ)စာပေလုပ်ငန်းကို ပူးပေါင်းဆောင်ရွက်ခြင်း

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General Business

หมายเหตุ: ๑) SEG หรือ Similar Exposure Group หมายถึง กลุ่มบริษัท/กิจการซึ่งมีลักษณะการดำเนินงานเกี่ยวข้องกับระดับความเสี่ยงเชิงพาณิชย์ เช่น ลักษณะงานที่ทำ พื้นที่การทำงานเกี่ยวข้องกับปัจจัยเสี่ยงเดียวกัน

๕) ระดับเสียงเฉลี่ย LWA \leq ๕๕ ดีบีเอ (dBA) ที่สถานีบริเวณริมถนนที่มีการคำนวณระดับเสียงที่สถานีบริเวณนี้รวมใส่การประเมินผลกระทบจากเสียงโดยศึกษาส่วนบุคคล

๓) ผลการประเมินใช้เกณฑ์มาตรฐานการประเมินคุณภาพระดับภาคการศึกษาระดับจังหวัดและระดับเขตพัฒนา ซึ่ง มาตราฐานระดับดีหรือที่ประเมินได้แก่ ผลลัพธ์ของระยะเวลาการปฏิบัติ ๓๐ วันรวม พ.ศ. ๒๕๖๓ ซึ่ง ทำการในคณะ

๑) กรณีเหตุการณ์ประณินกับเกณฑ์มาตรฐานที่ใช้ระบุขีดความสามารถและวิสัยภาพที่ถ่วงเกื้อ โดยสามารถจัดทำเป็นเอกสารแนบได้

under *Dem. alvata* C.

(continued)

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1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

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General Business

ภาคผนวก ค-9

คุณภาพน้ำทิ้ง



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O :

Project Name : Water Testing
Project Location: Map Ta Phut_PE (SPE)

Sample Number 22155334-1
Sampling Date Jan 11, 2023 11:00 AM
Sample Description Wastewater
Location Outfall

Date Analysis Commenced Jan 11, 2023
Condition of Sample Contained in six glass vials, two amber glass bottles and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Page 1 of 2

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	33	≤120	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	20	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	18	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C *	-	-	-	8.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.5	≤40	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	636	≤3000	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	5	≤50	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline: Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Technical Management

Narumon Banchongkitt
Supervisor
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Approved by

Dej Changchon
Senior Manager
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6006-102/ EMAIL



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O :

Project Name : Water Testing
Project Location: Map Ta Phut_PE (SPE)

Sample Number 22155334-1
Sampling Date Jan 11, 2023 11:00 AM
Sample Description Wastewater
Location Outfall

Date Analysis Commenced Jan 11, 2023
Condition of Sample Contained in six glass vials, two amber glass bottles and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Page 2 of 2

Remark :

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

Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	33	≤120	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	20	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	18	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C *	-	-	-	8.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.5	≤40	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	636	≤3000	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	5	≤50	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline: Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Technical Management

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Dej Changchon
Senior Manager
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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O :

Project Name : Water Testing

Project Location: Map Ta Phut_Pe (SPE)

Lot ID: 22155334

Date Received : Jan 11, 2023

Date Reported : Mar 14, 2023

Report Number : 2535052-3 C1

Page 1 of 1

Sample Number 22155334-1

Sampling Date Jan 11, 2023 11:00 AM

Sample Description Wastewater

Location Outfall

Date Analysis Commenced Jan 12, 2023

Condition of Sample Contained in six glass vials, two amber glass bottles and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Volatile Organics Compounds							
Benzene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 6200 B	Bangkok
Styrene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 6200 B	Bangkok
Water Testing							
Total Organic Carbon	mg/L	0.01	0.1	10.1	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5310 B	Bangkok

Guideline: Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Wanlop Hunchanaow , Thanasoun Namakunna

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

Nant Somb

Approved by

Nanthawadee Somboon
Specialist 1

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6506-102/EMAIL



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O :

Project Name : Water Testing

Project Location: Map Ta Phut_Pe (SPE)

TESTING
No.0042
Lot ID: 231796

Date Received : Feb 01, 2023

Date Reported : Mar 14, 2023

Report Number : 2536040-1 C1

Page 1 of 2

Sample Number 231796-1

Sampling Date Feb 01, 2023 10:05 AM

Sample Description Wastewater

Location Outfall

Date Analysis Commenced Feb 01, 2023

Condition of Sample Contained in six glass vials, two amber glass bottles and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	26	≤120	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	13	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	12	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C *		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	28.7	≤40	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	756	≤3000	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline: Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Technical Management

N.Banyat

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D. Juman

Approved by

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Senior Manager
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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O :

Project Name : Water Testing

Project Location: Map Ta Phut_PE (SPE)

TESTING
No.0042

Lot ID: 231796

Date Received : Feb 01, 2023

Date Reported : Mar 14, 2023

Report Number : 2536040-1 C1

Page 2 of 2

Sampling By : Wanlop Hunchanaow , Thanasoun Namakunna

Remark :

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

Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O :

Project Name : Water Testing

Project Location: Map Ta Phut_PE (SPE)

Lot ID: 231796

Date Received : Feb 01, 2023

Date Reported : Mar 14, 2023

Report Number : 2536040-3 C1

Page 1 of 1

Sample Number 231796-1

Sampling Date Feb 01, 2023 10:05 AM

Sample Description Wastewater

Location Outfall

Date Analysis Commenced Feb 02, 2023

Condition of Sample Contained in six glass vials, two amber glass bottles and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Volatile Organics Compounds							
Benzene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 6200 B	Bangkok
Styrene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 6200 B	Bangkok
Water Testing							
Total Organic Carbon	mg/L	0.01	0.1	11.0	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5310 B	Bangkok

Guideline: Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Wanlop Hunchanaow , Thanasoun Namakunna

Remark :

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

Technical Management

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Approved by

D. Chuan

Dej Chanchon
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Approved by

Savitree N.

Savitree Nongsangam
Manager

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O :

Project Name : Water Testing
Project Location: Map Ta Phut_PE (SPE)

Sample Number 2320339-1
Sampling Date Mar 01, 2023 11:00 AM
Sample Description Wastewater
Location Outfall

Date Analysis Commenced Mar 01, 2023
Condition of Sample Contained in six glass vials, two amber glass bottles and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Page 1 of 2

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	2.0	≤20	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	40	≤120	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	18	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	17	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C *	-	-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	30.2	≤40	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	796	≤3000	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	10	≤50	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline: Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

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Dej Changchon
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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O :

Project Name : Water Testing
Project Location: Map Ta Phut_PE (SPE)

Sample Number 2320339-1
Sampling Date Mar 01, 2023 11:00 AM
Sample Description Wastewater
Location Outfall

Date Analysis Commenced Mar 01, 2023
Condition of Sample Contained in six glass vials, two amber glass bottles and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Page 2 of 2

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

Sampling By : Pathompong Kornasawat, Thanasoun Namakumna

Technical Management

N. Banphat

Narumon Banchongkitt
Supervisor
โทรศัพท์ 7-323-9-9445

Approved by

D. Juman

Dej Changchon
Senior Manager
โทรศัพท์ 7-323-9-9442

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O :
Project Name : Water Testing
Project Location: Map Ta Phut_PE (SPE)
Lot ID: 2320339
Date Received : Mar 01, 2023
Date Reported : Mar 14, 2023
Report Number : 2574813-3 C1

Page 1 of 1

Sample Number	2320339-1						
Sampling Date	Mar 01, 2023 11:00 AM						
Sample Description	Wastewater						
Location	Outfall						
Date Analysis Commenced	Mar 02, 2023						
Condition of Sample	Contained in six glass vials, two amber glass bottles and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Volatile Organics Compounds							
Benzene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 6200 B	Bangkok
Styrene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 6200 B	Bangkok
Water Testing							
Total Organic Carbon	mg/L	0.01	0.1	12.1	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5310 B	Bangkok

Guideline: Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

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

Sawitree N.

Approved by
Sawitree Nongsiam
Manager

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O :
Project Name : Water Testing
Project Location: Map Ta Phut_PE (SPE)
Lot ID: 2329629
Date Received : Apr 05, 2023
Date Reported : Jun 27, 2023
Report Number : 2595629-1 C1

Page 1 of 2

Sample Number		2329629-1					
Sampling Date		Apr 05, 2023 10:55 AM					
Sample Description		Wastewater					
Location		Outfall					
Date Analysis Commenced		Apr 05, 2023					
Condition of Sample		Contained in six glass vials, two amber glass bottles and seven plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)					
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	34	≤120	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	13	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	12	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C *	-	-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 – H (B)	Rayong
Temperature *	Degree C	-	-	34.5	≤40	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	744	≤3000	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline: Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

N. Banphit

Approved by
Narumon Bandongkitt
Supervisor
วณิชญานันท์ 7-323-9-9445

D. Juman

Approved by
Dej Changchon
Senior Manager
วณิชญานันท์ 7-323-9-9442

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O :
Project Name : Water Testing
Project Location: Map Ta Phut_PE (SPE)
Lot ID: 2329629
Date Received : Apr 05, 2023
Date Reported : Jun 27, 2023
Report Number : 2595629-1 C1

Sampling By : Wanlop Hunchaihaow , Thanasoun Namakunna

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

Page 2 of 2

Technical Management

N. Ban-ya-ni
Narumon Banchongkitt
Supervisor
โทรศัพท์ ๖-323-๙-๙445

Approved by

D. Chuan
Dej Chanchon
Senior Manager
โทรศัพท์ ๖-323-๙-๙442

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O :
Project Name : Water Testing
Project Location: Map Ta Phut_PE (SPE)
Lot ID: 2329629
Date Received : Apr 05, 2023
Date Reported : Jun 27, 2023
Report Number : 2595629-3 C1

Sample Number 2329629-1

Sampling Date Apr 05, 2023 10:55 AM

Sample Description Wastewater

Location Outfall

Date Analysis Commenced Apr 06, 2023

Condition of Sample Contained in six glass vials, two amber glass bottles and seven plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Volatile Organics Compounds							
Benzene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 6200 B	Bangkok
Styrene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 6200 B	Bangkok
Water Testing							
Total Organic Carbon	mg/L	0.01	0.1	13.5	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5310 B	Bangkok

Guideline: Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Wanlop Hunchaihaow , Thanasoun Namakunna

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

Approved by

Chanatt L.
Chanattagarn Imchom
Section Head

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 00081388
Project Name : Water Testing
Project Location: Map Ta Phut_PE (SPE)

TESTING
No.0042
Lot ID: 2347503
Date Received : May 02, 2023
Date Reported : May 11, 2023
Report Number : 2635024-1 C1

Page 1 of 2

Sample Number 2347503-1
Sampling Date May 02, 2023 10:55 AM
Sample Description Wastewater
Location Outfall
Date Analysis Commenced May 02, 2023
Condition of Sample Contained in six glass vials, two amber glass bottles and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	33	≤120	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	14	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	12	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C *	-	-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.8	≤40	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	648	≤3000	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	8	≤50	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline: Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Technical Management

Narumon Banchongkitt
Supervisor
โทรศัพท์ 7-323-9-9445

Approved by

Dej Changchon
Senior Manager
โทรศัพท์ 7-323-9-9442

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O : 00081388
Project Name : Water Testing
Project Location: Map Ta Phut_PE (SPE)

TESTING
No.0042
Lot ID: 2347503
Date Received : May 02, 2023
Date Reported : May 11, 2023
Report Number : 2635024-1 C1

Page 2 of 2

Sampling By : Wanlop Hunchanaow , Thanasoun Namakunna

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

Technical Management

Narumon Banchongkitt
Supervisor
โทรศัพท์ 7-323-9-9445

Approved by

Dej Changchon
Senior Manager
โทรศัพท์ 7-323-9-9442

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O :

Project Name : Water Testing

Project Location: Map Ta Phut_PE (SPE)

Lot ID: 2347503

Date Received : May 02, 2023

Date Reported : May 11, 2023

Report Number : 2635024-3 C1

Page 1 of 1

Sample Number 2347503-1

Sampling Date May 02, 2023 10:55 AM

Sample Description Wastewater

Location Outfall

Date Analysis Commenced May 03, 2023

Condition of Sample Contained in six glass vials, two amber glass bottles and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Volatile Organics Compounds							
Benzene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 6200 B	Bangkok
Styrene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 6200 B	Bangkok
Water Testing							
Total Organic Carbon	mg/L	0.01	0.1	11.1	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5310 B	Bangkok

Guideline: Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Wanlop Hunchanaow , Thanasoun Namakunna

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

Sawitree N.

Approved by

Sawitree Nongsiam
Manager

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.

8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150

P/O :

Project Name : Water Testing

Project Location: Map Ta Phut_PE (SPE)

TESTING
No.0042
Lot ID: 2359892

Date Received : Jun 07, 2023

Date Reported : Jul 05, 2023

Report Number : 2660300-1 C1

Page 1 of 2

Sample Number 2359892-1

Sampling Date Jun 07, 2023 11:10 AM

Sample Description Wastewater

Location Outfall

Date Analysis Commenced Jun 07, 2023

Condition of Sample Contained in six glass vials, two amber glass bottles and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	34	≤120	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	22	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	20	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C *		-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.5	≤40	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	864	≤3000	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	5	≤50	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

N.Banyat

Technical Management

Narumon Bandhongkit
Supervisor

Approved by

Dej Changchon
Senior Manager

โทรศัพท์ 7-323-9-9445

โทรศัพท์ 7-323-9-9442

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Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O :
Project Name : Water Testing
Project Location: Map Ta Phut_PE (SPE)

TESTING
No.0042

Lot ID: 2359892
Date Received : Jun 07, 2023
Date Reported : Jul 05, 2023
Report Number : 2660300-1 C1

Page 2 of 2

Guideline: Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Wanlop Hunchanaow , Pattarapol Sawangjaitam

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



TESTING
No.0042

Lot ID: 2359892
Date Received : Jun 07, 2023
Date Reported : Jul 05, 2023
Report Number : 2660300-1 C1

Page 2 of 2

Guideline: Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Wanlop Hunchanaow , Pattarapol Sawangjaitam

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



Analysis / Test Report

Client : Siam Polyethylene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Muang, Rayong Thailand 21150
P/O :
Project Name : Water Testing
Project Location: Map Ta Phut_PE (SPE)

Lot ID: 2359892

Date Received : Jun 07, 2023
Date Reported : Jul 05, 2023
Report Number : 2660300-3 C1

Page 1 of 1

Sample Number 2359892-1
Sampling Date Jun 07, 2023 11:10 AM
Sample Description Wastewater
Location Outfall
Date Analysis Commenced Jun 08, 2023
Condition of Sample Contained in six glass vials, two amber glass bottles and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Volatile Organics Compounds							
Benzene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 6200 B	Bangkok
Styrene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 6200 B	Bangkok
Water Testing							
Total Organic Carbon	mg/L	0.01	0.1	12.2	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5310 B	Bangkok

Guideline: Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Wanlop Hunchanaow , Pattarapol Sawangjaitam

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

Technical Management

N. Banthongkit
Supervisor
โทรศัพท์ ๖-323-๙-๙445

Approved by

D. Chongchon
Senior Manager
โทรศัพท์ ๖-323-๙-๙442

Dej Chongchon
Senior Manager
โทรศัพท์ ๖-323-๙-๙442

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Approved by

Siriluk Puengsang
Section Head

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6006-102/ EMAIL



Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O :
Project Name : Water Testing
Project Location : Map Ta Phut_Latex (SSLC)

TESTING
No.0042
Lot ID: 231355
Date Received : Jan 11, 2023
Date Reported : Jan 23, 2023
Report Number : 2535008-1

Page 1 of 2

Sample Number 231355-1
Sampled Date Jan 11, 2023 9:50 AM
Sample Description Wastewater
Location Domestic Outlet
Date Analysis Commenced Jan 11, 2023
Condition of Sample Contained in two glass vials, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	13.4	≤20	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	36	≤120	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH) *	ADMI	-	5	32	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0) *	ADMI	-	5	29	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C *	-	-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.4	≤40	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	368	≤3000	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	16.8	≤100	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong

Technical Management

N. Banchongkit

Narumon Banchongkit
Supervisor
โทรศัพท์ 7-323-9445

Approved by

D. Changchon

Dej Changchon
Senior Manager
โทรศัพท์ 7-323-9442

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7780-011 EMAIL

S. Report, AL GL rpt (9-31AM)



Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O :
Project Name : Water Testing
Project Location : Map Ta Phut_Latex (SSLC)

TESTING
No.0042
Lot ID: 231355
Date Received : Jan 11, 2023
Date Reported : Jan 23, 2023
Report Number : 2535008-1

Page 2 of 2

Sample Number 231355-1
Sampled Date Jan 11, 2023 9:50 AM
Sample Description Wastewater
Location Domestic Outlet
Date Analysis Commenced Jan 11, 2023
Condition of Sample Contained in two glass vials, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	19	≤50	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Sampling By : Wanlop Hunchalanaow โทรศัพท์ 7-323-9457 , Thanasoun Namakunna โทรศัพท์ 7-204-8592

Remark :
- LOD : Limit of Detection
- "C" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

N. Banchongkit

Narumon Banchongkit
Supervisor
โทรศัพท์ 7-323-9445

Approved by

D. Changchon

Dej Changchon
Senior Manager
โทรศัพท์ 7-323-9442

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S. Report, AL GL rpt (9-31AM)



Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O :
Project Name : Water Testing
Project Location : Map Ta Phut_Latex (SSLC)
Lot ID: 231355
Date Received : Jan 11, 2023
Date Reported : Jan 19, 2023
Report Number : 2535008-2

Page 1 of 1

Sample Number 231355-1
Sampled Date Jan 11, 2023 9:50 AM
Sample Description Wastewater
Location Domestic Outlet
Date Analysis Commenced Jan 14, 2023
Condition of Sample Contained in two glass vials, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Organic Carbon	mg/L	0.01	0.1	8.02	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5310 B	Bangkok

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By :

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

Approved by

Narin Salseng
Supervisor

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S: Reports_AU_Grpt (6.53PM)



Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4514144337
Project Name : Water Testing
Project Location : Map Ta Phut_Latex (SSLC)
Lot ID: 231780
Date Received : Feb 01, 2023
Date Reported : Feb 09, 2023
Report Number : 2536003-1

Page 1 of 2

Sample Number 231780-1
Sampled Date Feb 01, 2023 9:25 AM
Sample Description Wastewater
Location Domestic Outlet
Date Analysis Commenced Feb 01, 2023
Condition of Sample Contained in two glass vials, one amber glass bottles and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	14	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	15	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C *	-	-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	26.7	≤40	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	236	≤3000	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	1.1	≤100	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong

Technical Management

Narumon Bandhongkit
Supervisor

Approved by

Dej Changchon
Senior Manager

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S: Reports_AU_Grpt (1.00PM)



Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4514144337
Project Name : Water Testing
Project Location : Map Ta Phut_Latex (SSLC)

Sample Number 231780-1

Sampled Date Feb 01, 2023 9:25 AM

Sample Description Wastewater

Location Domestic Outlet

Date Analysis Commenced Feb 01, 2023

Condition of Sample Contained in two glass vials, two amber glass bottles and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Note : Raw data of COD value (Refer to Lot ID 231780-1) is 10.7 mg/L

Sampling By : Wanlop Hunchanaow รหัสประจำตัว 3-323-9-9457 , Thanasoun Namakunna รหัสประจำตัว 3-204-9-8592

Remark :
- LOD : Limit of Detection
- LOQ : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * failure not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

N. Banthongkit

Narumon Bandhongkit
Supervisor
รหัสประจำตัว 3-323-9-9445

Approved by

D. Changchon

Dej Changchon
Senior Manager
รหัสประจำตัว 3-323-9-9442

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S:\Reports_AL_Gr.pdf (1.03PM)



Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4514144337
Project Name : Water Testing
Project Location : Map Ta Phut_Latex (SSLC)

Sample Number 231780-1

Sampled Date Feb 01, 2023 9:25 AM

Sample Description Wastewater

Location Domestic Outlet

Date Analysis Commenced Feb 02, 2023

Condition of Sample Contained in two glass vials, two amber glass bottles and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Organic Carbon	mg/L	0.01	0.1	3.80	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5310 B	Bangkok

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Note : Raw data of COD value (Refer to Lot ID 231780-1) is 10.7 mg/L

Sampling By : Wanlop Hunchanaow , Thanasoun Namakunna

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

Approved by

Siriluk P.

Siriluk Puengsang
Supervisor

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S:\Reports_AL_Gr.pdf (2.03PM)



Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4514144337
Project Name : Water Testing
Project Location : Map Ta Phut_Latex (SSLC)

Sample Number 2320256-1

Sampled Date Mar 01, 2023 10:00 AM

Sample Description Wastewater
Location Domestic Outlet

Date Analysis Commenced Mar 01, 2023

Condition of Sample Contained in two glass vials, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	Result	Guideline / Specification	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	3.8	≤20	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	31	≤120	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	29	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	29	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
Oil & Grease *	mg/L	-	<3	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
pH at 25 degree C *	-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	30.8	≤40	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	412	≤3000	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	4.2	≤100	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong

Technical Management

N. Banjit

Narumon Bandhokkit
Supervisor
โทรศัพท์ ๐-๓๒๓-๐๙๔๕

Approved by

D. Chuan

Dej Changchon
Senior Manager
โทรศัพท์ ๐-๓๒๓-๐๙๔๕

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S: Report, AL GL rept (1.03PM)



Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4514144337
Project Name : Water Testing
Project Location : Map Ta Phut_Latex (SSLC)

Sample Number 2320256-1

Sampled Date Mar 01, 2023 10:00 AM

Sample Description Wastewater
Location Domestic Outlet

Date Analysis Commenced Mar 01, 2023

Condition of Sample Contained in two glass vials, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	Result	Guideline / Specification	Method	Testing Location
Water Testing						
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	<5	≤50	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pathompong Kornasawat โทรศัพท์ ๐-๓๒๓-๐๙๔๕ , Thanassun Namakunna โทรศัพท์ ๐-๓๒๓-๐๘๕๙๒

Remark :

- LOD : Limit of Detection
- "C" : Lower than LOD (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

N. Banjit

Narumon Bandhokkit
Supervisor
โทรศัพท์ ๐-๓๒๓-๐๙๔๕

Approved by

D. Chuan

Dej Changchon
Senior Manager
โทรศัพท์ ๐-๓๒๓-๐๙๔๕

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S: Report, AL GL rept (1.03PM)



Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4514144337
Project Name : Water Testing
Project Location : Map Ta Phut_Latex (SSLC)

Lot ID: 2320256
Date Received : Mar 01, 2023
Date Reported : Mar 10, 2023
Report Number : 257486-2

Page 1 of 1

Sample Number 2320256-1
Sampled Date Mar 01, 2023 10:00 AM
Sample Description Wastewater
Location Domestic Outlet
Date Analysis Commenced Mar 03, 2023
Condition of Sample Contained in two glass vials, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Organic Carbon	mg/L	0.01	0.1	6.42	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5310 B	Bangkok

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Pathompong Kornswat , Thanasoun Namakunna

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

Approved by

Narin Salseng
Supervisor

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S:\Reports\AL_Grpt (9-3Jan)



Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4514144337
Project Name : Water Testing
Project Location : Map Ta Phut_Latex (SSLC)

TESTING
No.0042
Lot ID: 2329618
Date Received : Apr 05, 2023
Date Reported : Apr 12, 2023
Report Number : 2595576-1

Page 1 of 2

Sample Number 2329618-1
Sampled Date Apr 05, 2023 9:30 AM
Sample Description Wastewater
Location Domestic Outlet
Date Analysis Commenced Apr 05, 2023
Condition of Sample Contained in two glass vials, two amber glass bottles and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	13	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	13	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C *	-	-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.1	≤40	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	290	≤3000	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	6.2	≤100	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong

Approved by

Narumon Bandhongkit
Supervisor

Technical Management

Approved by

Dej Changchon
Senior Manager

โทรศัพท์ 0-323-9-9442

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S:\Reports\AL_Grpt (12-03PM)



Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4514144337
Project Name : Water Testing
Project Location: Map Ta Phut_Latex (SSLC)

TESTING
No.0042
Lot ID: 2329618
Date Received : Apr 05, 2023
Date Reported : Apr 12, 2023
Report Number : 2595576-1

Page 2 of 2

Sample Number 2329618-1
Sampled Date Apr 05, 2023 9:30 AM
Sample Description Wastewater
Location Domestic Outlet
Date Analysis Commenced Apr 05, 2023
Condition of Sample Contained in two glass vials, two amber glass bottles and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	6	≤50	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Note : Raw data of COD value (Refer to Lot ID 2329618-1) is 14.9 mg/L

Sampling By : Wanlop Hunchanaow รหัสประจำตัว 3-323-9-9457 , Thanasoun Namakunna รหัสประจำตัว 3-204-9-8592

Remark :
- LOD : Limit of Detection
- LOQ : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * failure not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

N. Banthongkit

Narumon Bandhongkit
Supervisor
รหัสประจำตัว 3-323-9-9445

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
รหัสประจำตัว 3-323-9-9442

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Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4514144337
Project Name : Water Testing
Project Location: Map Ta Phut_Latex (SSLC)

Lot ID: 2329618
Date Received : Apr 05, 2023
Date Reported : Apr 12, 2023
Report Number : 2595576-2

Page 1 of 1

Sample Number 2329618-1
Sampled Date Apr 05, 2023 9:30 AM
Sample Description Wastewater
Location Domestic Outlet
Date Analysis Commenced Apr 07, 2023
Condition of Sample Contained in two glass vials, two amber glass bottles and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Organic Carbon	mg/L	0.01	0.1	4.08	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5310 B	Bangkok

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Note : Raw data of COD value (Refer to Lot ID 2329618-1) is 14.9 mg/L

Sampling By : Wanlop Hunchanaow , Thanasoun Namakunna

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

Approved by

Nant Somb

Nanthawadee Sombon
Specialist 1

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S:\Report\AL_GL\rs (1:30PM)



Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4514144337
Project Name : Water Testing
Project Location : Map Ta Phut_Latex (SSLC)

Sample Number 2347474-1

Sampled Date May 02, 2023 10:00 AM

Sample Description Wastewater
Location Domestic Outlet

Date Analysis Commenced May 02, 2023

Condition of Sample Contained in two glass vials, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	3.8	≤20	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	31	≤120	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	18	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	18	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C *	-	-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.5	≤40	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	324	≤3000	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	2.3	≤100	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong

Technical Management

N. Banchongkit
Supervisor
โทรศัพท์ ๐-๓๒๓-๐๙๔๕

Approved by

D. Changchon
Senior Manager
โทรศัพท์ ๐-๓๒๓-๐๙๔๕

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S. Report, AL GL rpt (8.4/14M)



Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4514144337
Project Name : Water Testing
Project Location : Map Ta Phut_Latex (SSLC)

Sample Number 2347474-1

Sampled Date May 02, 2023 10:00 AM

Sample Description Wastewater
Location Domestic Outlet

Date Analysis Commenced May 02, 2023

Condition of Sample Contained in two glass vials, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	21	≤50	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Sampling By : Wanlop Hunchalanaow โทรศัพท์ ๐-๓๒๓-๐๙๔๕ / Thanasoun Namakunna โทรศัพท์ ๐-๓๒๓-๐๙๔๕

Remark :
- LOD : Limit of Detection
- <C₀ : Lower than LOD (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

N. Banchongkit
Supervisor
โทรศัพท์ ๐-๓๒๓-๐๙๔๕

Approved by

D. Changchon
Senior Manager
โทรศัพท์ ๐-๓๒๓-๐๙๔๕

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S. Report, AL GL rpt (8.4/14M)



Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4514144337
Project Name : Water Testing
Project Location : Map Ta Phut_Latex (SSLC)

Lot ID: 2347474
Date Received : May 02, 2023
Date Reported : May 11, 2023
Report Number : 2634970-2

Page 1 of 1

Sample Number 2347474-1
Sampled Date May 02, 2023 10:00 AM
Sample Description Wastewater
Location Domestic Outlet
Date Analysis Commenced May 05, 2023
Condition of Sample Contained in two glass vials, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing						
Total Organic Carbon	mg/L	0.01	0.1	5.63	No Standard	Bangkok

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Wanlop Hunchanaow , Thanassoun Namsakunna

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

Approved by

Siriluk Puenggang
Supervisor

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Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4514144337
Project Name : Water Testing
Project Location : Map Ta Phut_Latex (SSLC)

TESTING
No.0042
Lot ID: 2359874
Date Received : Jun 07, 2023
Date Reported : Jun 16, 2023
Report Number : 2660271-1

Page 1 of 2

Sample Number 2359874-1
Sampled Date Jun 07, 2023 10:15 AM
Sample Description Wastewater
Location Domestic Outlet
Date Analysis Commenced Jun 07, 2023
Condition of Sample Contained in two glass vials, two amber glass bottles and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	4.6	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	30	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	20	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	21	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Oil & Grease *	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C *	-	-	-	7.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	30.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	286	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	9.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NHR (D)	Rayong

Technical Management

Narumon Bandhongkit
Supervisor

Approved by

Dej Changchon
Senior Manager

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Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4514144337
Project Name : Water Testing
Project Location: Map Ta Phut_Latex (SSLC)

TESTING
No.0042
Lot ID: 2359874
Date Received : Jun 07, 2023
Date Reported : Jun 16, 2023
Report Number : 2660271-1

Page 2 of 2

Sample Number 2359874-1
Sampled Date Jun 07, 2023 10:15 AM
Sample Description Wastewater
Location Domestic Outlet
Date Analysis Commenced Jun 07, 2023
Condition of Sample Contained in two glass vials, two amber glass bottles and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	14	≤50	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Wanlop Hunchainaow รหัสผู้ตรวจ 7-323-9-9457 , Pattarapol Sawangjalatam รหัสผู้ตรวจ 7-204-9-0002

Remark :

- LOD : Limit of Detection
- "C" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyzed & marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

N. Banphit

Narumon Bandhongkit
Supervisor
รหัสผู้ตรวจ 7-323-9-9445

Approved by

D. Chuan

Dej Changchon
Senior Manager
รหัสผู้ตรวจ 7-323-9-9442

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Analysis / Test Report

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4514144337
Project Name : Water Testing
Project Location: Map Ta Phut_Latex (SSLC)

Lot ID: 2359874
Date Received : Jun 07, 2023
Date Reported : Jun 16, 2023
Report Number : 2660271-2

Page 1 of 1

Sample Number 2359874-1
Sampled Date Jun 07, 2023 10:15 AM
Sample Description Wastewater
Location Domestic Outlet
Date Analysis Commenced Jun 09, 2023
Condition of Sample Contained in two glass vials, two amber glass bottles and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Organic Carbon	mg/L	0.01	0.1	5.45	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5310 B	Bangkok

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Wanlop Hunchainaow , Pattarapol Sawangjalatam

Remark :

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

Approved by

Nant Somb

Nanthawadee Somboon
Specialist 1

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