ภาคผนวก ค

ใบรับรองผลการตรวจวัดคุณภาพสิ่งแวดล้อม

ภาคผนวก ค-1

คุณภาพอากาศจากแหล่งกำเนิด

Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261752
Date Received : May 28, 2026
Date Reported : Jun 08, 2026
Report Number: 3483977-1

Sample Number	261752-1
Sampled Date	May 28, 2026
Sample Description	Emission from Stationary Source
Location	Heater A (GPS N 12.694156, E 101.152338)
Date Analysis Commenced	May 28, 2026
Condition of Sample	Extracted into two 2-L collection flasks, one filter paper placed in plastic petri dish, one plastic bottle, one 10-L air sampling bag and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	757	mmHg	Diameter	0.60	m	Oxygen	11.0	%
Ambient Temperature	31.0	°C	Shape	Circle		Carbon Dioxide	5.6	%
Type of Process	Combustion		Stack Temperature	163	°C	Gas Velocity	1.9	m/s
Type of Fuel	Natural Gas		Moisture	10.75	%	Flow Rate (Actual O2)	1164	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O_2	Result at 11.0 % O_2	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing										
Carbon Monoxide *	12:50 PM - 01:00 PM	ppm	-	1.0	7.0	4.99	690	-	U.S. Environmental Protection Agency, EPA Method 10	Rayong
Oxides of Nitrogen *	12:45 PM - 01-00 PM	ppm	-	1.06	63.9	45.51	200	149	U.S. Environmental Protection Agency, EPA Method 7	Rayong
Sulfur dioxide *	12:45 PM - 01:15 PM	ppm	-	2.0	<2.0	<2.0	60	-	U.S. Environmental Protection Agency, EPA Method 6	Rayong
Total Suspended Particulate	12:42 PM - 01:30 PM	mg/m3	-	0.5	<0.5	<0.5	320	68	U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, December 7, 2020 (Include sampling)	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 PS-SPCL Plant, Approval Letter No. Tor Sor 1009.9/11032 dated Nov 6, B.E.2555.

Technical Management

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261752
Date Received : May 28, 2026
Date Reported : Jun 08, 2026
Report Number: 3483977-1

Sample Number	261752-1
Sampled Date	May 28, 2026
Sample Description	Emission from Stationary Source
Location	Heater A (GPS N 12.694156, E 101.152338)
Date Analysis Commenced	May 28, 2026
Condition of Sample	Extracted into two 2-L collection flasks, one filter paper placed in plastic petri dish, one plastic bottle, one 10-L air sampling bag and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	757	mmHg	Diameter	0.60	m	Oxygen	11.0	%
Ambient Temperature	31.0	°C	Shape	Circle		Carbon Dioxide	5.6	%
Type of Process	Combustion		Stack Temperature	163	°C	Gas Velocity	1.9	m/s
Type of Fuel	Natural Gas		Moisture	10.75	%	Flow Rate (Actual O2)	1164	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Carbon Monoxide *	12:50 PM - 01:00 PM	g/s	-	-	0.002	-	-	Calculated	Rayong
Oxides of Nitrogen *	12:45 PM - 01:00 PM	g/s	-	-	0.028	-	0.37	Calculated	Rayong
Sulfur dioxide *	12:45 PM - 01:15 PM	g/s	-	-	<0.002	-	-	Calculated	Rayong
Total Suspended Particulate *	12:42 PM - 01:30 PM	g/s	-	-	<0.0002	-	0.09	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 PS-SPCL Plant, Approval Letter No. Tor Sor 1009.9/11032 dated Nov 6, B.E.2555.

Sampling By : Sawai Tonpho ทะเบียนเลขที่ ว-323-จ-0046

Remark :

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

Technical Management

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ภาคผนวก ค-2

คุณภาพอากาศในบรรยากาศ

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261743
Date Received : Jun 05, 2026
Date Reported : Jun 10, 2026
Report Number: 3483971-1

Sample Description	Air Quality
Location	ริมรั้วด้านทิศตะวันตกของบริษัท ปุยเอ็นเอฟซี จำกัด (มหาชน) (GPS N 12.689531, E 101.135966)
Date Analysis Commenced	Jun 05, 2026
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Sampling Condition		Total Suspended Particulate (ug/m3)
		Pressure (mm Hg)	Temperature (°C)	
261743-1	May 25 - May 26, 2026	751	30.1	33.0
261743-2	May 26 - May 27, 2026	751	30.7	33.2
261743-3	May 27 - May 28, 2026	751	30.6	30.2
261743-4	May 28 - May 29, 2026	751	31.0	31.8
261743-5	May 29 - May 30, 2026	751	31.2	33.7
261743-6	May 30 - May 31, 2026	751	30.9	38.1
261743-7	May 31 - Jun 01, 2026	751	30.6	35.9
Guideline	-	-	-	200

Reference Method
Total Suspended Particulate : United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008

Guideline : Notification of the National Environmental Board., 2026 (B.E.2569) dated January 21, 2026.
Sampled By : Adisak Tarisoon

Approved by Thanita K.
Thanita Kulsuriwong
Scientist (4)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O :
Project Name : Environmental Quality
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261847
Date Received : Jun 05, 2026
Date Reported : Jun 10, 2026
Report Number: 3484075-1C8

Sample Description	Air Quality
Location	บ้านมาบตาพุด (GPS N 12.715660, E 101.167287)
Date Analysis Commenced	Jun 05, 2026
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Sampling Condition		Total Suspended Particulate (ug/m3)
		Pressure (mm Hg)	Temperature (°C)	
261847-1	May 25 - May 26, 2026	751	30.1	42.1
261847-2	May 26 - May 27, 2026	751	30.7	40.1
261847-3	May 27 - May 28, 2026	751	30.6	40.5
261847-4	May 28 - May 29, 2026	751	31.0	44.0
261847-5	May 29 - May 30, 2026	751	31.2	43.7
261847-6	May 30 - May 31, 2026	751	30.9	34.8
261847-7	May 31 - Jun 01, 2026	751	30.6	34.5
Guideline	-	-		200

Reference Method
Total Suspended Particulate : United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008

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

Approved by Thanita K.
Thanita Kulsuriwong
Scientist (4)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O :
Project Name : Environmental Quality
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261843
Date Received : Jun 05, 2026
Date Reported : Jun 10, 2026
Report Number: 3484074-1C8

Sample Description	Air Quality
Location	บ้านอ่าวประดู่ (โรงพยาบาลส่งเสริมสุขภาพตำบลตากวน) (GPS N 12.680391, E 101.168643)
Date Analysis Commenced	Jun 05, 2026
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Sampling Condition		Total Suspended Particulate (ug/m3)
		Pressure (mm Hg)	Temperature (°C)	
261843-1	May 25 - May 26, 2026	751	30.1	27.5
261843-2	May 26 - May 27, 2026	751	30.7	30.1
261843-3	May 27 - May 28, 2026	751	30.6	21.1
261843-4	May 28 - May 29, 2026	751	31.0	27.9
261843-5	May 29 - May 30, 2026	751	31.2	27.0
261843-6	May 30 - May 31, 2026	751	30.9	33.8
261843-7	May 31 - Jun 01, 2026	751	30.6	34.7
Guideline	-	-		200

Reference Method
Total Suspended Particulate : United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008

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

Approved by
Thanita Kulsuriwong
Scientist (4)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261739
Date Received : Jun 05, 2026
Date Reported : Jun 10, 2026
Report Number: 3483964-1

Sample Description	Air Quality
Location	ริมรั้วด้านทิศตะวันตกของบริษัท ปุ๋ยเอ็นเอฟซี จำกัด (มหาชน) (GPS N 12.689531, E 101.135966)
Parameter	Nitrogen dioxide (ppb)
Measurement Date	May 25, 2026 - Jun 01, 2026
Measurement by	Adisak Tarisoon

Time	261739-1 May 25, 2026	261739-2 May 26, 2026	261739-3 May 27, 2026	261739-4 May 28, 2026	261739-5 May 29, 2026	261739-6 May 30, 2026	261739-7 May 31, 2026
12:00 PM - 01:00 PM	1.4	2.8	3.6	3.1	3.2	3.1	3.8
01:00 PM - 02:00 PM	2.2	1.3	2.7	2.4	1.6	1.6	2.0
02:00 PM - 03:00 PM	1.6	2.3	3.2	4.3	3.0	6.5	3.3
03:00 PM - 04:00 PM	1.7	1.6	2.4	2.5	2.4	7.0	1.9
04:00 PM - 05:00 PM	1.8	0.9	2.5	2.2	2.0	2.3	1.7
05:00 PM - 06:00 PM	3.1	1.7	6.0	3.8	4.6	2.2	3.7
06:00 PM - 07:00 PM	5.1	2.7	6.1	3.5	3.4	4.2	4.0
07:00 PM - 08:00 PM	3.4	3.8	3.5	2.2	1.6	4.4	3.9
08:00 PM - 09:00 PM	2.9	6.9	6.2	4.5	2.7	3.1	4.6
09:00 PM - 10:00 PM	1.6	3.5	2.2	2.3	1.6	2.2	3.4
10:00 PM - 11:00 PM	1.8	2.1	2.6	1.7	1.1	2.8	1.7
11:00 PM - 12:00 AM	2.6	5.0	3.4	2.3	1.7	3.8	2.8
12:00 AM - 01:00 AM	2.7	6.5	3.6	2.5	2.2	4.0	3.1
01:00 AM - 02:00 AM	1.2	1.9	1.4	1.5	2.3	3.9	3.7
02:00 AM - 03:00 AM	1.3	3.1	4.9	2.1	1.8	2.0	3.4
03:00 AM - 04:00 AM	1.2	3.6	1.8	1.2	1.3	1.1	4.1
04:00 AM - 05:00 AM	1.3	2.9	1.5	1.3	1.3	3.5	2.8
05:00 AM - 06:00 AM	2.8	3.4	3.0	1.8	4.2	3.2	6.8
06:00 AM - 07:00 AM	3.2	5.1	2.9	1.8	2.6	8.5	6.6
07:00 AM - 08:00 AM	2.8	6.7	2.3	2.3	2.4	8.1	9.7
08:00 AM - 09:00 AM	3.2	4.8	4.2	3.1	11.0	10.4	10.6
09:00 AM - 10:00 AM	2.3	2.9	2.7	2.6	3.9	3.3	5.7
10:00 AM - 11:00 AM	1.6	2.3	2.3	2.7	2.0	2.0	3.7
11:00 AM - 12:00 PM	3.2	4.0	3.0	3.1	3.3	2.7	1.9
Average	2.3	3.4	3.3	2.5	2.8	4.0	4.1
1hr - Maximum	5.1	6.9	6.2	4.5	11.0	10.4	10.6
Standard 1hr - Average	120	120	120	120	120	120	120

Standard : Notification of the National Environment Board B.E. 2569.
Reference Method : U.S. Environmental Protection AgencyMethod Part 50 App. F (Chemiluminescence)

Approved by
Orawan Rakyong
Scientist (3)

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Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O :
Project Name : Environmental Quality
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261841
Date Received : Jun 05, 2026
Date Reported : Jun 11, 2026
Report Number: 3484044-1C8

Sample Description Air Quality
Location บ้านมาบตาพุด (GPS N 12.715660, E 101.167287)
Parameter Nitrogen dioxide (ppb)
Measurement Date May 25, 2026 - Jun 01, 2026
Measurement by Adisak Tarisoon

Time	261841-1 May 25, 2026	261841-2 May 26, 2026	261841-3 May 27, 2026	261841-4 May 28, 2026	261841-5 May 29, 2026	261841-6 May 30, 2026	261841-7 May 31, 2026
10:00 AM - 11:00 AM	3.0	0.3	3.5	3.8	4.7	4.5	1.7
11:00 AM - 12:00 PM	0.7	1.3	3.8	4.9	4.4	4.1	3.0
12:00 PM - 01:00 PM	1.3	2.3	7.3	6.0	4.8	7.1	5.0
01:00 PM - 02:00 PM	1.0	1.7	6.5	3.4	2.9	3.1	4.1
02:00 PM - 03:00 PM	2.5	1.8	3.4	2.5	2.7	2.2	2.0
03:00 PM - 04:00 PM	0.7	3.1	5.0	3.4	6.5	2.6	2.6
04:00 PM - 05:00 PM	1.1	4.8	7.1	3.1	11.5	3.1	2.8
05:00 PM - 06:00 PM	0.4	5.1	3.0	4.5	3.4	3.1	3.0
06:00 PM - 07:00 PM	0.3	4.8	4.1	4.2	5.9	5.1	3.4
07:00 PM - 08:00 PM	0.8	3.1	3.9	3.4	5.3	4.8	3.6
08:00 PM - 09:00 PM	1.9	2.1	2.6	2.7	2.5	3.3	1.9
09:00 PM - 10:00 PM	2.2	1.5	1.6	1.9	3.2	3.7	2.0
10:00 PM - 11:00 PM	3.2	0.3	1.8	3.9	3.5	1.2	2.1
11:00 PM - 12:00 AM	2.8	1.1	2.2	2.7	1.0	1.2	0.6
12:00 AM - 01:00 AM	1.0	2.2	5.2	4.8	3.1	2.6	0.4
01:00 AM - 02:00 AM	0.4	2.0	2.0	3.5	0.7	1.7	0.3
02:00 AM - 03:00 AM	0.5	0.8	2.0	2.5	1.7	1.6	0.1
03:00 AM - 04:00 AM	2.9	1.1	2.4	3.2	1.4	1.6	0.5
04:00 AM - 05:00 AM	2.7	1.9	2.5	2.4	1.0	1.2	0.6
05:00 AM - 06:00 AM	1.6	1.7	2.3	2.2	2.0	1.4	0.8
06:00 AM - 07:00 AM	2.0	4.8	5.5	3.6	3.8	2.3	2.5
07:00 AM - 08:00 AM	1.9	5.3	5.7	6.1	2.9	2.7	2.4
08:00 AM - 09:00 AM	2.6	4.5	3.1	4.1	1.6	3.0	1.9
09:00 AM - 10:00 AM	1.6	4.9	3.1	5.5	3.8	2.5	3.1
Average	1.6	2.6	3.7	3.7	3.5	2.9	2.1
1hr - Maximum	3.2	5.3	7.3	6.1	11.5	7.1	5.0
Standard 1hr - Average	120	120	120	120	120	120	120

Standard : Notification of the National Environment Board B.E. 2569.
Reference Method : U.S. Environmental Protection AgencyMethod Part 50 App. F (Chemiluminescence)

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Approved by Orawan R.
Orawan Rakyong
Scientist (3)

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Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O :
Project Name : Environmental Quality
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261782
Date Received : Jun 05, 2026
Date Reported : Jun 11, 2026
Report Number: 3484039-1C8

Sample Description Air Quality
Location บ้านอ่าวประดู่ (โรงพยาบาลส่งเสริมสุขภาพตำบลตากวน) (GPS N 12.680391, E 101.168643)
Parameter Nitrogen dioxide (ppb)
Measurement Date May 25, 2026 - Jun 01, 2026
Measurement by Adisak Tarisoon

Time	261782-1 May 25, 2026	261782-2 May 26, 2026	261782-3 May 27, 2026	261782-4 May 28, 2026	261782-5 May 29, 2026	261782-6 May 30, 2026	261782-7 May 31, 2026
11:00 AM - 12:00 PM	1.2	0.3	4.3	3.5	3.9	0.3	4.2
12:00 PM - 01:00 PM	0.8	0.8	4.9	1.9	1.8	0.6	3.7
01:00 PM - 02:00 PM	0.6	0.6	4.0	2.2	2.1	1.1	3.3
02:00 PM - 03:00 PM	0.2	2.5	5.6	2.0	2.8	2.8	4.5
03:00 PM - 04:00 PM	1.0	2.8	5.6	2.4	4.4	10.7	7.9
04:00 PM - 05:00 PM	0.6	6.7	5.2	6.0	3.2	14.4	8.8
05:00 PM - 06:00 PM	0.8	12.1	6.9	8.0	3.8	14.2	11.9
06:00 PM - 07:00 PM	0.1	9.6	5.3	4.2	3.3	12.4	7.6
07:00 PM - 08:00 PM	0.2	10.3	7.5	4.4	4.1	11.8	7.1
08:00 PM - 09:00 PM	0.5	6.2	5.1	3.4	2.9	6.2	5.6
09:00 PM - 10:00 PM	0.2	4.0	4.6	4.7	1.9	5.0	1.9
10:00 PM - 11:00 PM	1.2	2.3	3.9	4.0	1.9	2.7	8.0
11:00 PM - 12:00 AM	0.8	5.7	4.5	1.1	2.1	5.2	10.1
12:00 AM - 01:00 AM	1.1	3.5	5.0	1.9	1.5	6.3	3.3
01:00 AM - 02:00 AM	1.1	6.9	5.2	3.1	1.2	6.4	3.9
02:00 AM - 03:00 AM	0.1	4.2	3.3	3.2	2.3	6.2	3.6
03:00 AM - 04:00 AM	0.2	13.0	4.3	2.8	4.4	4.9	4.4
04:00 AM - 05:00 AM	0.9	23.5	3.6	4.6	4.5	6.7	6.0
05:00 AM - 06:00 AM	0.3	13.4	5.1	5.3	8.5	6.5	6.8
06:00 AM - 07:00 AM	0.7	12.9	9.2	6.3	8.0	7.9	9.6
07:00 AM - 08:00 AM	0.8	9.5	6.8	8.0	2.8	7.3	9.0
08:00 AM - 09:00 AM	0.5	6.1	4.4	7.7	0.1	8.4	0.9
09:00 AM - 10:00 AM	0.5	4.1	3.2	4.9	2.9	5.4	0.7
10:00 AM - 11:00 AM	1.1	4.4	3.4	4.8	2.2	3.9	0.9
Average	0.6	6.9	5.0	4.2	3.2	6.6	5.6
1hr - Maximum	1.2	23.5	9.2	8.0	8.5	14.4	11.9
Standard 1hr - Average	120	120	120	120	120	120	120

Standard : Notification of the National Environment Board B.E. 2569.
Reference Method : U.S. Environmental Protection AgencyMethod Part 50 App. F (Chemiluminescence)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by Orawan R.
Orawan Rakyong
Scientist (3)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197

Analysis / Test Report

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

Lot ID: 261742
Date Received :Jun 05, 2026
Date Reported :Jun 10, 2026
Report Number :3483969-1

P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Sample Number 261742-1 to 7
Parameter Wind Speed / Wind Direction
Location ริมรั้วด้านทิศตะวันตกของบริษัท ปุ๋ยเอ็นเอฟซี จำกัด (มหาชน) (GPS N 12.689531, E 101.135966)
Sampling Date May 25 - Jun 01, 2026
Sampling by Adisak Tarisoon

Time	May 25 - May 26, 2026			May 26 - May 27, 2026			May 27 - May 28, 2026			May 28 - May 29, 2026			May 29 - May 30, 2026			May 30 - May 31, 2026			May 31 - Jun 01, 2026		
	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	2.4	159.0	SSE	0.0	-	-	3.6	51.0	NE	2.1	134.0	SE	0.5	122.0	ESE	0.2	-	-	0.8	187.0	S
01:00 PM - 02:00 PM	1.7	123.0	ESE	0.0	-	-	0.9	75.0	ENE	0.5	118.0	ESE	2.1	136.0	SE	0.5	123.0	ESE	0.9	212.0	SSW
02:00 PM - 03:00 PM	0.1	-	-	0.0	-	-	1.2	323.0	NW	0.1	-	-	2.1	163.0	SSE	0.9	188.0	S	0.7	221.0	SW
03:00 PM - 04:00 PM	2.5	133.0	SE	2.3	112.0	ESE	0.2	-	-	0.3	133.0	SE	1.1	133.0	SE	2.2	223.0	SW	1.7	144.0	SE
04:00 PM - 05:00 PM	2.1	141.0	SE	2.0	116.0	ESE	0.5	140.0	SE	0.9	142.0	SE	2.0	138.0	SE	1.6	180.0	S	1.0	142.0	SE
05:00 PM - 06:00 PM	1.6	136.0	SE	0.5	69.0	ENE	1.3	123.0	ESE	1.7	128.0	SE	1.4	126.0	SE	1.5	199.0	SSW	0.3	327.0	NNW
06:00 PM - 07:00 PM	1.0	153.0	SSE	1.0	120.0	ESE	0.7	61.0	ENE	1.2	141.0	SE	1.9	116.0	ESE	0.5	138.0	SE	0.4	114.0	ESE
07:00 PM - 08:00 PM	0.0	-	-	0.4	152.0	SSE	0.1	-	-	1.6	128.0	SE	1.1	137.0	SE	1.0	315.0	NW	0.1	-	-
08:00 PM - 09:00 PM	0.4	115.0	ESE	4.5	136.0	SE	1.1	143.0	SE	1.8	156.0	SSE	0.3	140.0	SE	0.3	164.0	SSE	0.3	217.0	SW
09:00 PM - 10:00 PM	0.0	-	-	1.6	119.0	ESE	2.3	145.0	SE	2.1	121.0	ESE	0.2	-	-	0.9	167.0	SSE	1.6	193.0	SSW
10:00 PM - 11:00 PM	1.0	139.0	SE	0.2	-	-	3.1	136.0	SE	2.5	131.0	SE	0.3	182.0	S	0.3	148.0	SSE	0.4	173.0	S
11:00 PM - 12:00 AM	0.9	119.0	ESE	0.3	116.0	ESE	1.4	116.0	ESE	1.0	120.0	ESE	1.4	181.0	S	0.9	140.0	SE	0.5	218.0	SW
12:00 AM - 01:00 AM	1.5	148.0	SSE	3.1	138.0	SE	2.0	137.0	SE	1.1	154.0	SSE	2.0	180.0	S	0.5	194.0	SSW	0.9	128.0	SE
01:00 AM - 02:00 AM	1.6	156.0	SSE	2.4	106.0	ESE	1.8	120.0	ESE	3.0	166.0	SSE	1.1	133.0	SE	0.9	68.0	ENE	3.9	153.0	SSE
02:00 AM - 03:00 AM	1.4	145.0	SE	1.6	120.0	ESE	2.1	170.0	S	3.6	154.0	SSE	1.5	208.0	SSW	1.2	317.0	NW	1.4	209.0	SSW
03:00 AM - 04:00 AM	0.9	118.0	ESE	1.6	171.0	S	0.5	138.0	SE	2.7	171.0	S	1.3	109.0	ESE	1.1	171.0	S	2.8	101.0	E
04:00 AM - 05:00 AM	1.2	136.0	SE	0.8	124.0	SE	1.2	185.0	S	0.1	-	-	2.7	232.0	SW	1.0	139.0	SE	1.9	145.0	SE
05:00 AM - 06:00 AM	0.6	192.0	SSW	1.0	125.0	SE	1.6	182.0	S	0.7	170.0	S	1.2	158.0	SSE	0.8	151.0	SSE	2.2	227.0	SW
06:00 AM - 07:00 AM	0.0	-	-	0.1	-	-	0.5	167.0	SSE	1.8	151.0	SSE	3.2	112.0	ESE	0.6	154.0	SSE	0.2	-	-
07:00 AM - 08:00 AM	1.1	117.0	ESE	0.0	-	-	1.3	196.0	SSW	0.8	145.0	SE	2.1	131.0	SE	0.1	-	-	2.3	126.0	SE
08:00 AM - 09:00 AM	0.7	154.0	SSE	0.5	189.0	S	0.0	-	-	1.4	154.0	SSE	1.5	147.0	SSE	1.3	179.0	S	1.3	187.0	S
09:00 AM - 10:00 AM	1.8	196.0	SSW	0.3	156.0	SSE	0.7	124.0	SE	0.5	152.0	SSE	1.8	144.0	SE	1.1	167.0	SSE	1.4	151.0	SSE
10:00 AM - 11:00 AM	1.2	102.0	ESE	1.0	140.0	SE	0.2	-	-	3.2	155.0	SSE	0.2	-	-	2.3	161.0	SSE	0.8	135.0	SE
11:00 AM - 12:00 PM	1.1	134.0	SE	0.5	163.0	SSE	1.2	148.0	SSE	2.6	136.0	SE	0.2	-	-	1.7	138.0	SE	1.7	306.0	NW

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Approved by
Sarayuth Jittranont
Assistant General Manager

Analysis / Test Report

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

Lot ID: 261742
Date Received :Jun 05, 2026
Date Reported :Jun 10, 2026
Report Number :3483969-1

P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

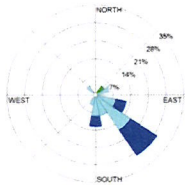
Wind Rose



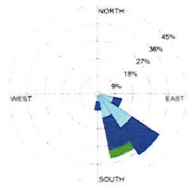
Date : May 25-26, 2026



Date : May 26-27, 2026



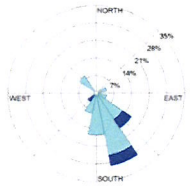
Date : May 27-28, 2026



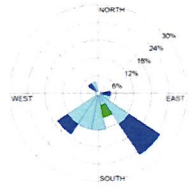
Date : May 28-29, 2026



Date : May 29-30, 2026



Date : May 30-31, 2026



Date : May 31-Jun 01, 2026



Date : May 25-Jun 01, 2026

WS (m/s)		%
	≥ 10.0	0.00
	8.0-10.0	0.00
	5.5-8.0	0.00
	3.3-5.5	2.38
	1.7-3.3	25.00
	0.3-1.7	58.93
	Calms	13.69

Location : ริมรั้วด้านทิศตะวันตกของบริษัท ปุ๋ยเอ็นเอฟซี จำกัด (มหาชน) (GPS N 12.689531, E 101.135966)

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

Approved by
Sarayuth Jittranont
Assistant General Manager

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Analysis / Test Report

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

P/O :
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261852
Date Received :Jun 05, 2026
Date Reported :Jun 10, 2026
Report Number :3484080-1 C8

Sample Number 261852-1 to 7
Parameter Wind Speed / Wind Direction
Location บ้านมาบตาพุด (GPS N 12.715660, E 101.167287)
Sampling Date May 25 - Jun 01, 2026
Sampling by Adisak Tarisoon

Time	May 25 - May 26, 2026			May 26 - May 27, 2026			May 27 - May 28, 2026			May 28 - May 29, 2026			May 29 - May 30, 2026			May 30 - May 31, 2026			May 31 - Jun 01, 2026		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
10:00 AM - 11:00 AM	0.8	132.0	SE	0.4	134.0	SE	1.1	138.0	SE	0.4	136.0	SE	0.3	136.0	SE	0.0	-	-	0.5	163.0	SSE
11:00 AM - 12:00 PM	1.2	145.0	SE	0.8	104.0	ESE	2.4	119.0	ESE	0.8	119.0	ESE	3.5	137.0	SE	0.3	60.0	ENE	0.6	132.0	SE
12:00 PM - 01:00 PM	1.0	128.0	SE	3.2	148.0	SSE	1.0	110.0	ESE	0.4	153.0	SSE	1.9	132.0	SE	1.0	130.0	SE	0.6	125.0	SE
01:00 PM - 02:00 PM	0.3	149.0	SSE	2.5	128.0	SE	0.5	155.0	SSE	0.6	101.0	E	0.7	154.0	SSE	1.9	53.0	NE	1.4	139.0	SE
02:00 PM - 03:00 PM	0.9	116.0	ESE	0.5	148.0	SSE	0.3	142.0	SE	1.1	128.0	SE	0.7	176.0	S	1.8	0.0	N	0.3	96.0	E
03:00 PM - 04:00 PM	1.8	128.0	SE	1.5	151.0	SSE	1.6	137.0	SE	1.0	133.0	SE	1.9	123.0	ESE	1.1	0.0	N	0.2	-	-
04:00 PM - 05:00 PM	1.8	149.0	SSE	2.2	141.0	SE	0.4	110.0	ESE	0.3	152.0	SSE	2.4	164.0	SSE	0.3	154.0	SSE	0.4	23.0	NNE
05:00 PM - 06:00 PM	2.9	128.0	SE	0.6	141.0	SE	3.3	154.0	SSE	2.4	141.0	SE	0.9	163.0	SSE	0.7	148.0	SSE	0.0	-	-
06:00 PM - 07:00 PM	0.5	137.0	SE	0.5	139.0	SE	1.0	139.0	SE	1.7	154.0	SSE	1.2	131.0	SE	0.0	-	-	0.0	-	-
07:00 PM - 08:00 PM	0.8	145.0	SE	0.0	-	-	1.0	152.0	SSE	1.2	143.0	SE	0.9	111.0	ESE	0.5	156.0	SSE	1.0	249.0	WSW
08:00 PM - 09:00 PM	0.4	134.0	SE	0.6	151.0	SSE	0.3	147.0	SSE	0.8	125.0	SE	1.0	159.0	SSE	0.2	-	-	0.4	125.0	SE
09:00 PM - 10:00 PM	0.7	115.0	ESE	0.9	139.0	SE	0.6	137.0	SE	1.9	122.0	ESE	0.8	110.0	ESE	0.6	139.0	SE	0.2	-	-
10:00 PM - 11:00 PM	3.3	182.0	S	0.6	137.0	SE	0.6	141.0	SE	1.3	137.0	SE	0.1	-	-	0.5	145.0	SE	1.0	176.0	S
11:00 PM - 12:00 AM	1.9	0.0	N	1.0	145.0	SE	1.6	146.0	SE	1.2	131.0	SE	1.0	147.0	SSE	0.9	167.0	SSE	3.7	177.0	S
12:00 AM - 01:00 AM	1.4	0.0	N	0.5	127.0	SE	0.8	145.0	SE	0.6	197.0	SSW	0.0	-	-	0.9	179.0	S	1.4	66.0	ENE
01:00 AM - 02:00 AM	0.7	121.0	ESE	1.4	158.0	SSE	0.1	-	-	0.5	125.0	SE	0.8	147.0	SSE	0.1	-	-	2.8	173.0	S
02:00 AM - 03:00 AM	1.2	114.0	ESE	0.1	-	-	0.7	128.0	SE	0.3	149.0	SSE	0.8	135.0	SE	0.8	143.0	SE	1.9	260.0	W
03:00 AM - 04:00 AM	0.2	-	-	0.0	-	-	0.9	0.0	N	0.9	130.0	SE	0.4	87.0	E	0.7	161.0	SSE	2.4	155.0	SSE
04:00 AM - 05:00 AM	1.5	143.0	SE	0.1	-	-	0.5	0.0	N	0.9	105.0	ESE	0.3	94.0	E	0.6	102.0	ESE	2.1	187.0	S
05:00 AM - 06:00 AM	1.3	0.0	N	0.6	109.0	ESE	0.8	117.0	ESE	2.3	105.0	ESE	0.4	0.0	N	0.2	-	-	1.9	157.0	SSE
06:00 AM - 07:00 AM	0.0	-	-	0.0	-	-	0.3	120.0	ESE	0.7	146.0	SE	0.4	0.0	N	1.3	139.0	SE	1.3	195.0	SSW
07:00 AM - 08:00 AM	0.7	148.0	SSE	0.0	-	-	0.2	-	-	0.5	131.0	SE	0.6	0.0	N	0.9	134.0	SE	1.5	197.0	SSW
08:00 AM - 09:00 AM	0.1	-	-	0.9	80.0	E	1.1	147.0	SSE	0.4	106.0	ESE	0.3	151.0	SSE	2.1	138.0	SE	0.9	171.0	S
09:00 AM - 10:00 AM	0.6	122.0	ESE	0.5	120.0	ESE	0.0	-	-	0.1	-	-	0.7	120.0	ESE	1.5	144.0	SE	2.1	170.0	S

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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

Approved by
Sarayuth Jittranont
Assistant General Manager

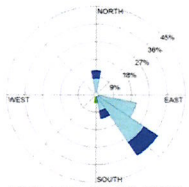
Analysis / Test Report

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

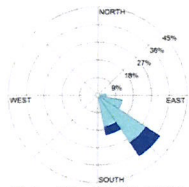
P/O :
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261852
Date Received :Jun 05, 2026
Date Reported :Jun 10, 2026
Report Number :3484080-1 C8

Wind Rose



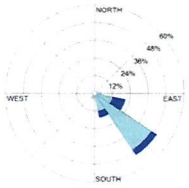
Date : May 25-26, 2026



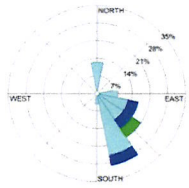
Date : May 26-27, 2026



Date : May 27-28, 2026



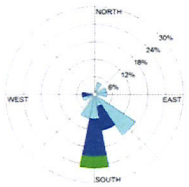
Date : May 28-29, 2026



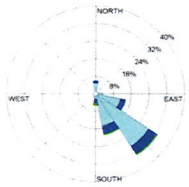
Date : May 29-30, 2026



Date : May 30-31, 2026



Date : May 31-Jun 01, 2026



Date : May 25-Jun 01, 2026

WS (m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	2.38
1.7-3.3	14.29
0.3-1.7	69.05
Calms	14.29

Location : บ้านมาบตาพุด (GPS N 12.715660, E 101.167287)

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

Approved by
Sarayuth Jittranont
Assistant General Manager

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Analysis / Test Report

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

P/O :
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261850
Date Received :Jun 05, 2026
Date Reported :Jun 10, 2026
Report Number :3484079-1 C8

Sample Number 261850-1 to 7
Parameter Wind Speed / Wind Direction
Location บ้านอ่าวประดู่ (โรงพยาบาลส่งเสริมสุขภาพตำบลตากวน) (GPS N 12.680391, E 101.168643)
Sampling Date May 25 - Jun 01, 2026
Sampling by Adisak Tarisoon

Time	May 25 - May 26, 2026			May 26 - May 27, 2026			May 27 - May 28, 2026			May 28 - May 29, 2026			May 29 - May 30, 2026			May 30 - May 31, 2026			May 31 - Jun 01, 2026		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
11:00 AM - 12:00 PM	0.5	54.0	NE	0.3	98.0	E	0.6	139.0	SE	0.6	154.0	SSE	1.4	168.0	SSE	0.0	-	-	0.0	-	-
12:00 PM - 01:00 PM	2.0	171.0	S	1.0	150.0	SSE	0.0	-	-	0.4	85.0	E	1.0	133.0	SE	0.1	-	-	1.0	155.0	SSE
01:00 PM - 02:00 PM	1.2	211.0	SSW	3.0	116.0	ESE	1.4	175.0	S	1.4	90.0	E	0.7	131.0	SE	0.4	111.0	ESE	0.1	-	-
02:00 PM - 03:00 PM	2.0	116.0	ESE	0.8	128.0	SE	0.9	101.0	E	0.3	120.0	ESE	0.3	113.0	ESE	0.0	-	-	1.3	68.0	ENE
03:00 PM - 04:00 PM	1.4	145.0	SE	0.8	186.0	S	1.5	138.0	SE	0.4	136.0	SE	0.7	136.0	SE	0.5	168.0	SSE	0.5	226.0	SW
04:00 PM - 05:00 PM	1.0	144.0	SE	1.4	180.0	S	1.1	121.0	ESE	0.6	166.0	SSE	0.0	-	-	0.2	-	-	0.3	215.0	SW
05:00 PM - 06:00 PM	0.9	156.0	SSE	0.8	145.0	SE	0.7	154.0	SSE	0.2	-	-	0.9	188.0	S	0.3	0.0	N	1.6	105.0	ESE
06:00 PM - 07:00 PM	0.6	170.0	S	0.9	190.0	S	0.0	-	-	0.5	143.0	SE	0.5	54.0	NE	0.4	210.0	SSW	1.0	151.0	SSE
07:00 PM - 08:00 PM	0.1	-	-	0.0	-	-	0.0	-	-	0.2	-	-	0.4	145.0	SE	0.5	209.0	SSW	0.9	124.0	SE
08:00 PM - 09:00 PM	1.6	161.0	SSE	0.8	159.0	SSE	0.7	111.0	ESE	0.6	0.0	N	0.6	149.0	SSE	0.2	-	-	1.3	267.0	W
09:00 PM - 10:00 PM	1.8	137.0	SE	0.9	162.0	SSE	0.3	154.0	SSE	0.4	114.0	ESE	0.5	0.0	N	0.3	0.0	N	1.1	178.0	S
10:00 PM - 11:00 PM	0.7	139.0	SE	0.6	112.0	ESE	1.2	144.0	SE	0.2	-	-	0.2	-	-	0.0	-	-	0.6	151.0	SSE
11:00 PM - 12:00 AM	0.3	123.0	ESE	1.0	163.0	SSE	0.3	181.0	S	0.2	-	-	0.1	-	-	1.2	141.0	SE	2.3	179.0	S
12:00 AM - 01:00 AM	1.1	77.0	ENE	3.5	112.0	ESE	1.7	183.0	S	1.2	178.0	S	0.3	0.0	N	0.2	-	-	2.1	194.0	SSW
01:00 AM - 02:00 AM	0.6	139.0	SE	1.4	92.0	E	3.6	111.0	ESE	1.1	150.0	SSE	0.6	169.0	S	1.1	138.0	SE	1.3	257.0	WSW
02:00 AM - 03:00 AM	0.7	98.0	E	2.0	119.0	ESE	0.5	154.0	SSE	1.5	157.0	SSE	0.5	161.0	SSE	1.0	135.0	SE	1.9	155.0	SSE
03:00 AM - 04:00 AM	0.6	209.0	SSW	1.1	114.0	ESE	1.2	141.0	SE	1.2	142.0	SE	1.4	130.0	SE	0.6	149.0	SSE	1.5	176.0	S
04:00 AM - 05:00 AM	0.8	112.0	ESE	0.6	134.0	SE	1.4	102.0	ESE	0.3	170.0	S	1.1	0.0	N	0.7	68.0	ENE	1.2	180.0	S
05:00 AM - 06:00 AM	0.3	126.0	SE	0.6	141.0	SE	2.7	130.0	SE	2.6	146.0	SE	0.9	0.0	N	0.5	153.0	SSE	1.0	184.0	S
06:00 AM - 07:00 AM	1.5	118.0	ESE	1.9	191.0	S	1.9	130.0	SE	1.1	94.0	E	0.7	206.0	SSW	0.7	149.0	SSE	0.7	218.0	SW
07:00 AM - 08:00 AM	1.5	77.0	ENE	0.9	118.0	ESE	0.4	111.0	ESE	0.7	151.0	SSE	0.3	188.0	S	0.6	162.0	SSE	0.1	-	-
08:00 AM - 09:00 AM	0.2	-	-	0.6	140.0	SE	1.0	111.0	ESE	1.2	183.0	S	0.3	156.0	SSE	0.8	193.0	SSW	1.6	183.0	S
09:00 AM - 10:00 AM	1.6	164.0	SSE	1.2	163.0	SSE	0.7	143.0	SE	1.5	108.0	ESE	0.3	130.0	SE	0.3	156.0	SSE	2.0	186.0	S
10:00 AM - 11:00 AM	3.0	108.0	ESE	0.9	86.0	E	0.5	135.0	SE	0.4	185.0	S	0.6	166.0	SSE	0.9	145.0	SE	0.9	177.0	S

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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

Approved by
Sarayuth Jittranont
Assistant General Manager

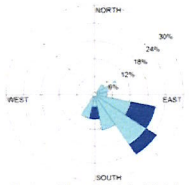
Analysis / Test Report

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

P/O :
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261850
Date Received :Jun 05, 2026
Date Reported :Jun 10, 2026
Report Number :3484079-1 C8

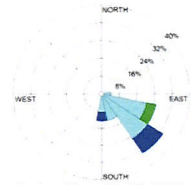
Wind Rose



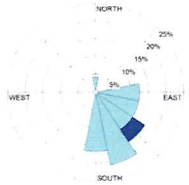
Date : May 25-26, 2026



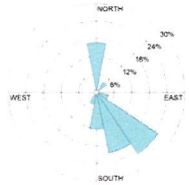
Date : May 26-27, 2026



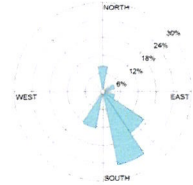
Date : May 27-28, 2026



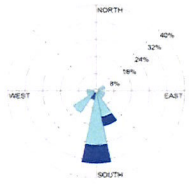
Date : May 28-29, 2026



Date : May 29-30, 2026



Date : May 30-31, 2026



Date : May 31-Jun 01, 2026



Date : May 25-Jun 01, 2026

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	8.93
0.3-1.7	76.19
Calms	13.69

Location : บ้านอ่าวประดู่ (โรงพยาบาลส่งเสริมสุขภาพตำบลตากวน) (GPS N 12.680391, E 101.168643)

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

Approved by
Sarayuth Jittranont
Assistant General Manager

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ภาคผนวก ค-3

ระดับเสียงโดยทั่วไป

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : Jun 05, 2026
Date Reported : Jun 09, 2026
Report Number: 3591654-1

Sample Number	261748-1
Parameter	Noise (Leq 24 hrs.)
Location	ชุมชนวัดโสภณ (GPS N 12.707995, E 101.164645)
Measurement Date	May 25 - May 26, 2026
Measurement by	Adisak Tarisoon
Sound Level meter	Serial No. 472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	55.6	75.2	50.8
11:00 AM - 12:00 PM	53.7	81.0	49.0
12:00 PM - 01:00 PM	57.0	89.3	48.0
01:00 PM - 02:00 PM	57.4	76.1	53.4
02:00 PM - 03:00 PM	61.0	74.3	57.5
03:00 PM - 04:00 PM	60.3	72.4	57.1
04:00 PM - 05:00 PM	59.5	70.4	56.4
05:00 PM - 06:00 PM	56.3	79.2	53.4
06:00 PM - 07:00 PM	60.1	79.6	56.3
07:00 PM - 08:00 PM	55.0	67.9	53.2
08:00 PM - 09:00 PM	54.9	69.6	53.2
09:00 PM - 10:00 PM	54.4	69.7	53.2
10:00 PM - 11:00 PM	54.6	72.1	53.3
11:00 PM - 12:00 AM	53.9	74.0	52.8
12:00 AM - 01:00 AM	53.7	66.6	52.7
01:00 AM - 02:00 AM	53.5	63.7	52.7
02:00 AM - 03:00 AM	53.5	66.2	52.8
03:00 AM - 04:00 AM	54.3	74.7	52.9
04:00 AM - 05:00 AM	53.3	62.3	52.6
05:00 AM - 06:00 AM	56.0	74.5	53.3
06:00 AM - 07:00 AM	56.4	76.4	54.3
07:00 AM - 08:00 AM	58.2	85.0	54.3
08:00 AM - 09:00 AM	57.1	85.1	54.0
09:00 AM - 10:00 AM	56.4	74.4	53.3
Leq Average 24 hrs. (dB(A))	56.8		
Lmax (dB(A))		89.3	
L90 (dB(A))			53.2
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : Jun 05, 2026
Date Reported : Jun 09, 2026
Report Number: 3591655-1

Sample Number	261748-2
Parameter	Noise (Leq 24 hrs.)
Location	ชุมชนวัดโสภณ (GPS N 12.707995, E 101.164645)
Measurement Date	May 26 - May 27, 2026
Measurement by	Adisak Tarisoon
Sound Level meter	Serial No. 472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	55.3	69.6	52.4
11:00 AM - 12:00 PM	54.5	71.2	52.3
12:00 PM - 01:00 PM	59.5	87.3	52.3
01:00 PM - 02:00 PM	55.4	67.4	53.6
02:00 PM - 03:00 PM	61.0	74.1	57.5
03:00 PM - 04:00 PM	60.3	72.8	57.1
04:00 PM - 05:00 PM	59.5	70.7	56.4
05:00 PM - 06:00 PM	57.7	80.3	53.3
06:00 PM - 07:00 PM	56.5	76.4	53.2
07:00 PM - 08:00 PM	56.1	81.4	52.7
08:00 PM - 09:00 PM	54.7	69.4	52.5
09:00 PM - 10:00 PM	54.1	72.7	52.0
10:00 PM - 11:00 PM	53.7	69.0	51.5
11:00 PM - 12:00 AM	53.4	63.9	51.6
12:00 AM - 01:00 AM	54.6	72.5	52.4
01:00 AM - 02:00 AM	52.9	62.7	51.7
02:00 AM - 03:00 AM	52.8	71.4	51.7
03:00 AM - 04:00 AM	53.0	63.1	51.8
04:00 AM - 05:00 AM	53.1	63.9	51.9
05:00 AM - 06:00 AM	56.1	75.2	53.3
06:00 AM - 07:00 AM	55.4	70.0	53.5
07:00 AM - 08:00 AM	56.0	73.6	53.7
08:00 AM - 09:00 AM	58.6	87.9	53.4
09:00 AM - 10:00 AM	57.7	80.2	54.4
Leq Average 24 hrs. (dB(A))	56.6		
Lmax (dB(A))		87.9	
L90 (dB(A))			52.5
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

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7781-31/ EMAIL S:\Reports_Air Noise.rpt (1:48PM)

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : Jun 05, 2026
Date Reported : Jun 09, 2026
Report Number: 3591656-1

Sample Number	261748-3
Parameter	Noise (Leq 24 hrs.)
Location	ชุมชนวัดโสภณ (GPS N 12.707995, E 101.164645)
Measurement Date	May 27 - May 28, 2026
Measurement by	Adisak Tarisoon
Sound Level meter	Serial No. 472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	57.2	73.2	54.6
11:00 AM - 12:00 PM	54.8	77.0	52.9
12:00 PM - 01:00 PM	59.5	86.9	52.4
01:00 PM - 02:00 PM	55.3	70.8	50.3
02:00 PM - 03:00 PM	60.1	73.6	54.1
03:00 PM - 04:00 PM	60.4	79.7	56.5
04:00 PM - 05:00 PM	56.9	78.5	53.6
05:00 PM - 06:00 PM	56.5	80.5	53.3
06:00 PM - 07:00 PM	56.8	77.4	53.8
07:00 PM - 08:00 PM	56.7	80.9	53.0
08:00 PM - 09:00 PM	54.4	71.5	52.6
09:00 PM - 10:00 PM	54.2	68.5	52.6
10:00 PM - 11:00 PM	53.8	68.0	52.5
11:00 PM - 12:00 AM	54.2	76.6	52.6
12:00 AM - 01:00 AM	53.7	74.0	52.4
01:00 AM - 02:00 AM	52.9	74.2	52.1
02:00 AM - 03:00 AM	52.2	59.9	51.7
03:00 AM - 04:00 AM	52.9	70.9	51.9
04:00 AM - 05:00 AM	53.0	64.5	52.3
05:00 AM - 06:00 AM	55.3	69.5	53.2
06:00 AM - 07:00 AM	55.7	74.0	53.8
07:00 AM - 08:00 AM	56.8	71.5	54.6
08:00 AM - 09:00 AM	59.9	87.9	53.8
09:00 AM - 10:00 AM	57.2	74.1	54.0
Leq Average 24 hrs. (dB(A))	56.5		
Lmax (dB(A))		87.9	
L90 (dB(A))			52.9
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : Jun 05, 2026
Date Reported : Jun 09, 2026
Report Number: 3591657-1

Sample Number	261748-4
Parameter	Noise (Leq 24 hrs.)
Location	ชุมชนวัดโสภณ (GPS N 12.707995, E 101.164645)
Measurement Date	May 28 - May 29, 2026
Measurement by	Adisak Tarisoon
Sound Level meter	Serial No. 472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	55.2	81.1	52.8
11:00 AM - 12:00 PM	54.8	77.0	52.9
12:00 PM - 01:00 PM	58.2	85.9	53.2
01:00 PM - 02:00 PM	55.8	74.3	53.6
02:00 PM - 03:00 PM	55.4	66.4	53.1
03:00 PM - 04:00 PM	55.1	69.9	53.3
04:00 PM - 05:00 PM	57.1	82.2	53.6
05:00 PM - 06:00 PM	55.7	68.5	53.7
06:00 PM - 07:00 PM	58.6	72.3	56.8
07:00 PM - 08:00 PM	57.7	83.5	53.5
08:00 PM - 09:00 PM	54.6	71.8	53.0
09:00 PM - 10:00 PM	55.5	81.6	52.8
10:00 PM - 11:00 PM	53.9	67.4	52.8
11:00 PM - 12:00 AM	53.9	68.6	52.5
12:00 AM - 01:00 AM	53.6	69.0	52.5
01:00 AM - 02:00 AM	53.2	59.8	52.5
02:00 AM - 03:00 AM	52.7	62.7	52.0
03:00 AM - 04:00 AM	52.8	63.1	52.1
04:00 AM - 05:00 AM	53.1	64.3	52.1
05:00 AM - 06:00 AM	54.8	66.4	53.2
06:00 AM - 07:00 AM	56.1	75.8	53.7
07:00 AM - 08:00 AM	56.9	73.4	54.2
08:00 AM - 09:00 AM	57.1	71.7	54.6
09:00 AM - 10:00 AM	56.3	79.2	53.0
Leq Average 24 hrs. (dB(A))	55.7		
Lmax (dB(A))		85.9	
L90 (dB(A))			53.0
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : Jun 05, 2026
Date Reported : Jun 09, 2026
Report Number: 3591658-1

Sample Number	261748-5
Parameter	Noise (Leq 24 hrs.)
Location	ชุมชนวัดโสภณ (GPS N 12.707995, E 101.164645)
Measurement Date	May 29 - May 30, 2026
Measurement by	Adisak Tarisoon
Sound Level meter	Serial No. 472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	56.0	75.5	52.6
11:00 AM - 12:00 PM	56.0	70.8	53.3
12:00 PM - 01:00 PM	57.4	85.5	52.7
01:00 PM - 02:00 PM	56.5	78.6	53.2
02:00 PM - 03:00 PM	56.2	75.0	53.6
03:00 PM - 04:00 PM	54.5	69.0	52.7
04:00 PM - 05:00 PM	55.5	71.2	53.2
05:00 PM - 06:00 PM	56.5	72.5	54.5
06:00 PM - 07:00 PM	57.2	69.0	55.3
07:00 PM - 08:00 PM	57.2	72.8	54.8
08:00 PM - 09:00 PM	56.0	68.9	54.3
09:00 PM - 10:00 PM	60.7	82.4	56.6
10:00 PM - 11:00 PM	55.3	66.1	53.3
11:00 PM - 12:00 AM	54.3	69.5	52.8
12:00 AM - 01:00 AM	53.5	65.5	52.6
01:00 AM - 02:00 AM	53.4	64.6	52.4
02:00 AM - 03:00 AM	60.4	85.9	56.2
03:00 AM - 04:00 AM	58.9	81.9	54.8
04:00 AM - 05:00 AM	53.4	60.3	52.7
05:00 AM - 06:00 AM	54.8	67.9	53.2
06:00 AM - 07:00 AM	57.2	79.6	53.5
07:00 AM - 08:00 AM	55.5	69.3	53.3
08:00 AM - 09:00 AM	60.9	83.7	55.4
09:00 AM - 10:00 AM	60.1	81.7	58.6
Leq Average 24 hrs. (dB(A))	57.2		
Lmax (dB(A))		85.9	
L90 (dB(A))			53.3
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : Jun 05, 2026
Date Reported : Jun 09, 2026
Report Number: 3591659-1

Sample Number	261748-6
Parameter	Noise (Leq 24 hrs.)
Location	ชุมชนวัดโสภณ (GPS N 12.707995, E 101.164645)
Measurement Date	May 30 - May 31, 2026
Measurement by	Adisak Tarisoon
Sound Level meter	Serial No. 472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	57.2	76.3	55.6
11:00 AM - 12:00 PM	62.5	82.4	60.7
12:00 PM - 01:00 PM	59.7	81.5	58.3
01:00 PM - 02:00 PM	62.4	84.0	60.8
02:00 PM - 03:00 PM	58.2	83.2	55.9
03:00 PM - 04:00 PM	56.1	83.3	54.5
04:00 PM - 05:00 PM	57.7	81.2	54.3
05:00 PM - 06:00 PM	56.7	72.8	54.3
06:00 PM - 07:00 PM	56.1	68.1	54.4
07:00 PM - 08:00 PM	55.8	71.7	54.1
08:00 PM - 09:00 PM	55.5	75.3	53.6
09:00 PM - 10:00 PM	55.1	70.9	53.4
10:00 PM - 11:00 PM	54.5	70.0	53.1
11:00 PM - 12:00 AM	55.1	78.4	53.2
12:00 AM - 01:00 AM	54.2	69.8	53.0
01:00 AM - 02:00 AM	54.4	75.8	52.7
02:00 AM - 03:00 AM	53.4	69.5	52.5
03:00 AM - 04:00 AM	53.9	73.4	52.6
04:00 AM - 05:00 AM	53.1	62.2	52.4
05:00 AM - 06:00 AM	60.5	83.5	56.2
06:00 AM - 07:00 AM	57.5	79.6	53.4
07:00 AM - 08:00 AM	55.4	70.9	53.2
08:00 AM - 09:00 AM	55.8	83.8	53.4
09:00 AM - 10:00 AM	55.1	72.1	53.1
Leq Average 24 hrs. (dB(A))	57.4		
Lmax (dB(A))		84.0	
L90 (dB(A))			53.4
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

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7781-31/ EMAIL S:\Reports_Air Noise.rpt (1:49PM)

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : Jun 05, 2026
Date Reported : Jun 09, 2026
Report Number: 3591660-1

Sample Number 261748-7
Parameter Noise (Leq 24 hrs.)
Location ชุมชนวัดโสภณ (GPS N 12.707995, E 101.164645)
Measurement Date May 31 - Jun 01, 2026
Measurement by Adisak Tarisoon
Sound Level meter Serial No. 472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	62.2	84.2	59.1
11:00 AM - 12:00 PM	58.8	81.4	55.9
12:00 PM - 01:00 PM	57.5	81.0	55.3
01:00 PM - 02:00 PM	59.0	77.4	57.0
02:00 PM - 03:00 PM	59.3	89.3	56.1
03:00 PM - 04:00 PM	60.1	76.5	58.9
04:00 PM - 05:00 PM	59.4	81.3	57.0
05:00 PM - 06:00 PM	57.4	76.7	55.3
06:00 PM - 07:00 PM	57.2	79.4	55.0
07:00 PM - 08:00 PM	57.0	81.6	54.2
08:00 PM - 09:00 PM	55.7	70.1	54.0
09:00 PM - 10:00 PM	55.8	68.9	53.8
10:00 PM - 11:00 PM	56.1	68.7	54.3
11:00 PM - 12:00 AM	62.6	81.9	59.0
12:00 AM - 01:00 AM	54.3	66.2	53.2
01:00 AM - 02:00 AM	55.2	72.5	54.0
02:00 AM - 03:00 AM	54.0	62.7	52.8
03:00 AM - 04:00 AM	54.3	72.9	53.0
04:00 AM - 05:00 AM	54.6	69.2	53.1
05:00 AM - 06:00 AM	57.3	70.9	54.9
06:00 AM - 07:00 AM	57.9	81.7	53.9
07:00 AM - 08:00 AM	57.7	82.8	55.0
08:00 AM - 09:00 AM	57.2	74.7	54.9
09:00 AM - 10:00 AM	58.2	83.2	55.4
Leq Average 24 hrs. (dB(A))	58.1		
Lmax (dB(A))		89.3	
L90 (dB(A))			54.9
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : Jun 05, 2026
Date Reported : Jun 09, 2026
Report Number: 3591661-1

Sample Number 261748-8
Parameter Noise (Leq 24 hrs.)
Location บ้านอ่าวประดู่ (ศูนย์บริการสาธารณสุขตากวน) (GPS N 12.680539, E 101.169267)
Measurement Date May 25 - May 26, 2026
Measurement by Adisak Tarisoon
Sound Level meter Serial No. 472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	50.5	75.5	45.3
12:00 PM - 01:00 PM	50.2	69.5	46.5
01:00 PM - 02:00 PM	49.5	67.2	44.5
02:00 PM - 03:00 PM	50.7	85.7	44.3
03:00 PM - 04:00 PM	51.2	76.7	44.3
04:00 PM - 05:00 PM	51.8	74.4	46.4
05:00 PM - 06:00 PM	52.1	74.5	47.0
06:00 PM - 07:00 PM	53.3	70.0	48.4
07:00 PM - 08:00 PM	49.6	65.3	45.5
08:00 PM - 09:00 PM	50.6	74.3	44.7
09:00 PM - 10:00 PM	49.0	74.4	43.7
10:00 PM - 11:00 PM	49.6	69.8	44.3
11:00 PM - 12:00 AM	47.3	70.7	43.5
12:00 AM - 01:00 AM	48.1	69.4	44.0
01:00 AM - 02:00 AM	46.4	65.4	43.8
02:00 AM - 03:00 AM	46.9	63.8	44.5
03:00 AM - 04:00 AM	49.0	68.8	44.5
04:00 AM - 05:00 AM	53.7	69.7	44.0
05:00 AM - 06:00 AM	57.1	77.2	47.8
06:00 AM - 07:00 AM	56.8	81.6	47.6
07:00 AM - 08:00 AM	54.2	80.2	47.9
08:00 AM - 09:00 AM	53.2	75.2	47.4
09:00 AM - 10:00 AM	50.9	70.8	44.7
10:00 AM - 11:00 AM	52.4	73.7	45.2
Leq Average 24 hrs. (dB(A))	51.9		
Lmax (dB(A))		85.7	
L90 (dB(A))			44.7
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556
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7781-31/ EMAIL S:\Reports_Air Noise.rpt (1:49PM)

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : Jun 05, 2026
Date Reported : Jun 09, 2026
Report Number: 3591662-1

Sample Number	261748-9
Parameter	Noise (Leq 24 hrs.)
Location	บ้านอ่าวประดู่ (ศูนย์บริการสาธารณสุขตากวน) (GPS N 12.680539, E 101.169267)
Measurement Date	May 26 - May 27, 2026
Measurement by	Adisak Tarisoon
Sound Level meter	Serial No. 472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	50.0	68.3	45.5
12:00 PM - 01:00 PM	49.4	71.9	44.8
01:00 PM - 02:00 PM	49.9	68.2	44.5
02:00 PM - 03:00 PM	49.9	68.1	44.5
03:00 PM - 04:00 PM	51.2	85.3	44.5
04:00 PM - 05:00 PM	52.0	75.0	45.5
05:00 PM - 06:00 PM	52.4	71.2	47.2
06:00 PM - 07:00 PM	52.0	75.3	47.6
07:00 PM - 08:00 PM	50.0	77.3	44.8
08:00 PM - 09:00 PM	49.9	66.9	44.8
09:00 PM - 10:00 PM	49.7	80.3	43.0
10:00 PM - 11:00 PM	47.4	67.9	42.7
11:00 PM - 12:00 AM	47.3	69.7	42.9
12:00 AM - 01:00 AM	49.0	68.6	46.2
01:00 AM - 02:00 AM	48.6	72.6	44.8
02:00 AM - 03:00 AM	48.4	77.7	44.2
03:00 AM - 04:00 AM	48.5	68.1	42.8
04:00 AM - 05:00 AM	50.8	68.8	44.0
05:00 AM - 06:00 AM	58.2	86.9	48.2
06:00 AM - 07:00 AM	55.7	79.3	47.5
07:00 AM - 08:00 AM	58.8	87.6	47.4
08:00 AM - 09:00 AM	53.9	82.2	45.4
09:00 AM - 10:00 AM	51.3	86.6	45.3
10:00 AM - 11:00 AM	50.9	72.8	44.9
Leq Average 24 hrs. (dB(A))	52.3		
Lmax (dB(A))		87.6	
L90 (dB(A))			44.8
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556
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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : Jun 05, 2026
Date Reported : Jun 09, 2026
Report Number: 3591663-1

Sample Number	261748-10
Parameter	Noise (Leq 24 hrs.)
Location	บ้านอ่าวประดู่ (ศูนย์บริการสาธารณสุขตากวน) (GPS N 12.680539, E 101.169267)
Measurement Date	May 27 - May 28, 2026
Measurement by	Adisak Tarisoon
Sound Level meter	Serial No. 472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	51.5	70.7	46.0
12:00 PM - 01:00 PM	51.1	73.0	47.2
01:00 PM - 02:00 PM	49.3	73.5	43.4
02:00 PM - 03:00 PM	49.3	70.1	44.3
03:00 PM - 04:00 PM	49.5	70.7	44.3
04:00 PM - 05:00 PM	51.8	70.6	46.0
05:00 PM - 06:00 PM	52.5	71.5	47.2
06:00 PM - 07:00 PM	52.3	69.9	48.6
07:00 PM - 08:00 PM	50.4	70.2	45.7
08:00 PM - 09:00 PM	49.6	69.7	44.1
09:00 PM - 10:00 PM	48.9	69.1	43.3
10:00 PM - 11:00 PM	48.4	71.2	42.9
11:00 PM - 12:00 AM	49.3	71.5	44.4
12:00 AM - 01:00 AM	47.8	70.7	43.9
01:00 AM - 02:00 AM	47.1	70.5	43.3
02:00 AM - 03:00 AM	44.5	61.4	42.6
03:00 AM - 04:00 AM	49.5	67.6	42.5
04:00 AM - 05:00 AM	51.5	67.4	43.1
05:00 AM - 06:00 AM	55.7	72.1	47.9
06:00 AM - 07:00 AM	62.6	91.4	47.9
07:00 AM - 08:00 AM	54.4	74.7	48.9
08:00 AM - 09:00 AM	51.7	76.3	46.3
09:00 AM - 10:00 AM	50.9	72.4	45.7
10:00 AM - 11:00 AM	49.9	72.7	45.3
Leq Average 24 hrs. (dB(A))	52.9		
Lmax (dB(A))		91.4	
L90 (dB(A))			44.4
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556
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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : Jun 05, 2026
Date Reported : Jun 09, 2026
Report Number: 3591664-1

Sample Number 261748-11
Parameter Noise (Leq 24 hrs.)
Location บ้านอ่าวประดู่ (ศูนย์บริการสาธารณสุขตากวน) (GPS N 12.680539, E 101.169267)
Measurement Date May 28 - May 29, 2026
Measurement by Adisak Tarisoon
Sound Level meter Serial No. 472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	49.8	72.6	45.1
12:00 PM - 01:00 PM	50.2	76.0	45.2
01:00 PM - 02:00 PM	49.1	71.0	43.8
02:00 PM - 03:00 PM	48.4	70.8	44.2
03:00 PM - 04:00 PM	52.9	81.1	45.1
04:00 PM - 05:00 PM	53.1	82.8	45.8
05:00 PM - 06:00 PM	59.9	74.5	46.7
06:00 PM - 07:00 PM	58.0	77.6	48.7
07:00 PM - 08:00 PM	50.4	71.9	45.7
08:00 PM - 09:00 PM	49.3	64.6	44.8
09:00 PM - 10:00 PM	51.9	76.3	44.3
10:00 PM - 11:00 PM	48.2	69.5	44.7
11:00 PM - 12:00 AM	50.6	79.7	44.0
12:00 AM - 01:00 AM	47.3	69.3	43.7
01:00 AM - 02:00 AM	45.4	62.5	43.3
02:00 AM - 03:00 AM	44.5	60.3	42.0
03:00 AM - 04:00 AM	48.3	67.1	43.0
04:00 AM - 05:00 AM	52.1	70.1	44.4
05:00 AM - 06:00 AM	57.9	85.6	48.3
06:00 AM - 07:00 AM	60.2	90.9	47.8
07:00 AM - 08:00 AM	57.2	84.1	47.4
08:00 AM - 09:00 AM	51.1	72.4	45.7
09:00 AM - 10:00 AM	53.1	75.1	43.4
10:00 AM - 11:00 AM	51.3	73.8	43.3
Leq Average 24 hrs. (dB(A))	53.9		
Lmax (dB(A))		90.9	
L90 (dB(A))			44.7
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556
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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : Jun 05, 2026
Date Reported : Jun 09, 2026
Report Number: 3591665-1

Sample Number 261748-12
Parameter Noise (Leq 24 hrs.)
Location บ้านอ่าวประดู่ (ศูนย์บริการสาธารณสุขตากวน) (GPS N 12.680539, E 101.169267)
Measurement Date May 29 - May 30, 2026
Measurement by Adisak Tarisoon
Sound Level meter Serial No. 472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	49.7	72.0	44.1
12:00 PM - 01:00 PM	50.0	67.5	45.5
01:00 PM - 02:00 PM	49.8	68.6	45.1
02:00 PM - 03:00 PM	49.7	66.5	44.3
03:00 PM - 04:00 PM	50.2	71.6	45.6
04:00 PM - 05:00 PM	53.8	85.5	45.9
05:00 PM - 06:00 PM	53.0	77.6	48.2
06:00 PM - 07:00 PM	53.0	80.4	48.8
07:00 PM - 08:00 PM	50.9	74.4	45.9
08:00 PM - 09:00 PM	49.8	66.5	45.6
09:00 PM - 10:00 PM	50.3	69.4	44.9
10:00 PM - 11:00 PM	47.3	65.4	43.0
11:00 PM - 12:00 AM	47.3	67.1	42.9
12:00 AM - 01:00 AM	47.0	67.1	42.7
01:00 AM - 02:00 AM	46.9	67.8	41.9
02:00 AM - 03:00 AM	47.4	67.3	43.6
03:00 AM - 04:00 AM	48.8	68.8	43.5
04:00 AM - 05:00 AM	53.1	68.8	43.5
05:00 AM - 06:00 AM	56.8	78.8	48.1
06:00 AM - 07:00 AM	59.5	91.2	46.6
07:00 AM - 08:00 AM	52.7	74.5	44.6
08:00 AM - 09:00 AM	52.1	75.3	43.5
09:00 AM - 10:00 AM	50.3	72.9	45.4
10:00 AM - 11:00 AM	52.1	75.6	44.4
Leq Average 24 hrs. (dB(A))	52.2		
Lmax (dB(A))		91.2	
L90 (dB(A))			44.6
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

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7781-31/ EMAIL S:\Reports_Air Noise.rpt (1:50PM)

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : Jun 05, 2026
Date Reported : Jun 09, 2026
Report Number: 3591666-1

Sample Number 261748-13
Parameter Noise (Leq 24 hrs.)
Location บ้านอ่าวประดู่ (ศูนย์บริการสาธารณสุขตาควน) (GPS N 12.680539, E 101.169267)
Measurement Date May 30 - May 31, 2026
Measurement by Adisak Tarisoon
Sound Level meter Serial No. 472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	50.4	72.2	44.4
12:00 PM - 01:00 PM	51.1	77.5	43.5
01:00 PM - 02:00 PM	53.8	87.3	44.3
02:00 PM - 03:00 PM	53.6	78.4	45.3
03:00 PM - 04:00 PM	51.9	84.2	43.9
04:00 PM - 05:00 PM	50.4	71.6	45.2
05:00 PM - 06:00 PM	51.3	71.7	46.6
06:00 PM - 07:00 PM	52.7	83.6	47.9
07:00 PM - 08:00 PM	50.0	67.6	45.8
08:00 PM - 09:00 PM	49.7	70.0	44.8
09:00 PM - 10:00 PM	50.4	72.1	44.5
10:00 PM - 11:00 PM	48.3	75.7	43.0
11:00 PM - 12:00 AM	48.9	75.1	42.9
12:00 AM - 01:00 AM	47.9	73.7	42.3
01:00 AM - 02:00 AM	49.0	68.5	43.1
02:00 AM - 03:00 AM	46.3	69.4	40.7
03:00 AM - 04:00 AM	49.3	67.5	41.6
04:00 AM - 05:00 AM	52.9	68.2	43.7
05:00 AM - 06:00 AM	60.4	88.3	51.1
06:00 AM - 07:00 AM	57.0	85.8	47.1
07:00 AM - 08:00 AM	60.3	85.9	46.5
08:00 AM - 09:00 AM	52.6	75.6	47.0
09:00 AM - 10:00 AM	49.8	74.5	43.6
10:00 AM - 11:00 AM	50.2	70.4	44.2
Leq Average 24 hrs. (dB(A))	53.4		
Lmax (dB(A))		88.3	
L90 (dB(A))			44.3
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556
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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : □n 05, 2026
Date Reported : □n 09, 2026
Report Number: 3591667-1

Sample Number 261748-14
Parameter Noise (Leq 24 hrs.)
Location บ้านอ่าวประดู่ (ศูนย์บริการสาธารณสุขตาควน) (GPS N 12.680539, E 101.169267)
Measurement Date May 31 - □n 01, 2026
Measurement by Adisak Tarisoon
Sound Level meter Serial No. 472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	52.6	78.1	45.4
12:00 PM - 01:00 PM	53.0	72.4	45.3
01:00 PM - 02:00 PM	57.2	72.9	48.2
02:00 PM - 03:00 PM	58.2	91.1	47.6
03:00 PM - 04:00 PM	51.9	75.6	45.1
04:00 PM - 05:00 PM	61.7	77.7	47.7
05:00 PM - 06:00 PM	54.2	76.1	47.2
06:00 PM - 07:00 PM	53.3	71.2	48.5
07:00 PM - 08:00 PM	50.9	69.6	46.0
08:00 PM - 09:00 PM	50.2	68.6	45.1
09:00 PM - 10:00 PM	49.6	76.7	44.2
10:00 PM - 11:00 PM	49.9	69.2	46.2
11:00 PM - 12:00 AM	50.8	74.6	47.6
12:00 AM - 01:00 AM	47.6	67.6	43.7
01:00 AM - 02:00 AM	46.5	74.9	42.9
02:00 AM - 03:00 AM	46.6	69.0	41.2
03:00 AM - 04:00 AM	48.5	67.9	42.0
04:00 AM - 05:00 AM	52.9	68.4	41.2
05:00 AM - 06:00 AM	56.9	74.7	45.7
06:00 AM - 07:00 AM	63.0	93.9	46.0
07:00 AM - 08:00 AM	60.8	90.7	45.9
08:00 AM - 09:00 AM	54.9	83.2	43.0
09:00 AM - 10:00 AM	51.1	71.0	44.9
10:00 AM - 11:00 AM	52.7	73.9	45.5
Leq Average 24 hrs. (dB(A))	55.7		
Lmax (dB(A))		93.9	
L90 (dB(A))			45.4
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556
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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : Jun 05, 2026
Date Reported : Jun 09, 2026
Report Number: 3591668-1

Sample Number	261748-15
Parameter	Noise (Leq 24 hrs.)
Location	ริมรั้วโครงการด้านทิศใต้ (GPS N 12.693736, E 101.152260)
Measurement Date	May 25 - May 26, 2026
Measurement by	Adisak Tarisoon
Sound Level meter	Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	61.1	70.3	60.6
01:00 PM - 02:00 PM	61.2	70.3	60.7
02:00 PM - 03:00 PM	61.2	74.0	60.6
03:00 PM - 04:00 PM	61.2	83.3	60.5
04:00 PM - 05:00 PM	61.4	76.5	60.9
05:00 PM - 06:00 PM	62.1	77.0	61.6
06:00 PM - 07:00 PM	62.4	77.5	62.0
07:00 PM - 08:00 PM	62.5	73.1	62.0
08:00 PM - 09:00 PM	62.5	72.2	62.1
09:00 PM - 10:00 PM	62.3	69.9	62.0
10:00 PM - 11:00 PM	62.6	73.5	62.2
11:00 PM - 12:00 AM	62.2	66.3	61.8
12:00 AM - 01:00 AM	62.5	78.4	61.9
01:00 AM - 02:00 AM	62.1	66.5	61.8
02:00 AM - 03:00 AM	62.2	64.9	61.8
03:00 AM - 04:00 AM	62.3	75.8	61.8
04:00 AM - 05:00 AM	62.3	72.4	61.8
05:00 AM - 06:00 AM	62.1	64.5	61.8
06:00 AM - 07:00 AM	62.2	70.1	61.8
07:00 AM - 08:00 AM	62.3	72.0	61.7
08:00 AM - 09:00 AM	62.4	74.3	61.7
09:00 AM - 10:00 AM	61.9	67.7	61.4
10:00 AM - 11:00 AM	61.9	74.4	61.1
11:00 AM - 12:00 PM	61.5	73.8	60.9
Leq Average 24 hrs. (dB(A))	62.0		
Lmax (dB(A))		83.3	
L90 (dB(A))			61.8
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : Jun 05, 2026
Date Reported : Jun 09, 2026
Report Number: 3591669-1

Sample Number	261748-16
Parameter	Noise (Leq 24 hrs.)
Location	ริมรั้วโครงการด้านทิศใต้ (GPS N 12.693736, E 101.152260)
Measurement Date	May 26 - May 27, 2026
Measurement by	Adisak Tarisoon
Sound Level meter	Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	61.4	69.7	60.9
01:00 PM - 02:00 PM	61.5	72.5	60.7
02:00 PM - 03:00 PM	61.3	72.4	60.6
03:00 PM - 04:00 PM	61.3	68.4	60.7
04:00 PM - 05:00 PM	61.4	71.4	60.8
05:00 PM - 06:00 PM	61.5	67.6	61.0
06:00 PM - 07:00 PM	62.2	76.9	61.7
07:00 PM - 08:00 PM	62.3	69.4	61.9
08:00 PM - 09:00 PM	62.2	69.0	61.8
09:00 PM - 10:00 PM	62.1	68.9	61.8
10:00 PM - 11:00 PM	62.0	69.3	61.6
11:00 PM - 12:00 AM	62.1	68.7	61.7
12:00 AM - 01:00 AM	62.5	72.9	62.0
01:00 AM - 02:00 AM	62.3	70.7	61.9
02:00 AM - 03:00 AM	62.2	72.6	61.7
03:00 AM - 04:00 AM	62.0	68.9	61.7
04:00 AM - 05:00 AM	62.1	65.4	61.8
05:00 AM - 06:00 AM	62.4	68.4	61.9
06:00 AM - 07:00 AM	62.2	73.8	61.8
07:00 AM - 08:00 AM	62.1	73.3	61.6
08:00 AM - 09:00 AM	61.8	68.1	61.3
09:00 AM - 10:00 AM	62.2	76.7	61.2
10:00 AM - 11:00 AM	61.7	77.4	61.1
11:00 AM - 12:00 PM	62.2	79.1	60.8
Leq Average 24 hrs. (dB(A))	62.0		
Lmax (dB(A))		79.1	
L90 (dB(A))			61.6
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556
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7781-31/ EMAIL S:\Reports_Air Noise.rpt (1:51PM)

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : 05 Jan 05, 2026
Date Reported : 05 Jan 09, 2026
Report Number: 3591670-1

Sample Number	261748-17
Parameter	Noise (Leq 24 hrs.)
Location	ริมรั้วโครงการด้านทิศใต้ (GPS N 12.693736, E 101.152260)
Measurement Date	May 27 - May 28, 2026
Measurement by	Adisak Tarisoon
Sound Level meter	Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	61.2	72.3	60.6
01:00 PM - 02:00 PM	61.2	70.9	60.5
02:00 PM - 03:00 PM	61.1	70.8	60.5
03:00 PM - 04:00 PM	61.1	73.3	60.6
04:00 PM - 05:00 PM	61.8	76.9	61.1
05:00 PM - 06:00 PM	62.0	80.6	61.2
06:00 PM - 07:00 PM	62.4	69.9	61.8
07:00 PM - 08:00 PM	62.7	71.3	62.0
08:00 PM - 09:00 PM	62.4	69.1	62.0
09:00 PM - 10:00 PM	62.5	67.6	62.1
10:00 PM - 11:00 PM	63.0	71.9	62.3
11:00 PM - 12:00 AM	62.2	72.0	61.8
12:00 AM - 01:00 AM	62.3	75.7	61.8
01:00 AM - 02:00 AM	62.2	71.9	61.7
02:00 AM - 03:00 AM	62.0	64.5	61.7
03:00 AM - 04:00 AM	62.0	64.3	61.6
04:00 AM - 05:00 AM	62.1	68.8	61.7
05:00 AM - 06:00 AM	62.2	68.3	61.7
06:00 AM - 07:00 AM	62.3	72.4	61.7
07:00 AM - 08:00 AM	62.4	79.8	61.5
08:00 AM - 09:00 AM	61.8	81.7	61.2
09:00 AM - 10:00 AM	61.6	75.8	60.9
10:00 AM - 11:00 AM	61.6	80.7	60.8
11:00 AM - 12:00 PM	61.1	68.3	60.4
Leq Average 24 hrs. (dB(A))	62.0		
Lmax (dB(A))		81.7	
L90 (dB(A))			61.6
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556
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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : 05 Jan 05, 2026
Date Reported : 05 Jan 09, 2026
Report Number: 3591671-1

Sample Number	261748-18
Parameter	Noise (Leq 24 hrs.)
Location	ริมรั้วโครงการด้านทิศใต้ (GPS N 12.693736, E 101.152260)
Measurement Date	May 28 - May 29, 2026
Measurement by	Adisak Tarisoon
Sound Level meter	Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	60.7	72.0	60.1
01:00 PM - 02:00 PM	61.4	82.4	60.4
02:00 PM - 03:00 PM	61.5	76.3	60.4
03:00 PM - 04:00 PM	61.3	77.2	60.5
04:00 PM - 05:00 PM	61.3	70.1	60.8
05:00 PM - 06:00 PM	61.6	74.7	60.9
06:00 PM - 07:00 PM	62.0	72.8	61.4
07:00 PM - 08:00 PM	61.9	68.5	61.5
08:00 PM - 09:00 PM	62.8	72.4	62.0
09:00 PM - 10:00 PM	62.1	71.3	61.4
10:00 PM - 11:00 PM	62.4	76.0	61.8
11:00 PM - 12:00 AM	62.7	66.9	62.3
12:00 AM - 01:00 AM	62.5	83.0	61.9
01:00 AM - 02:00 AM	62.2	74.2	61.7
02:00 AM - 03:00 AM	62.1	65.0	61.7
03:00 AM - 04:00 AM	62.0	71.3	61.6
04:00 AM - 05:00 AM	62.1	75.3	61.7
05:00 AM - 06:00 AM	62.2	65.7	61.7
06:00 AM - 07:00 AM	62.2	70.0	61.8
07:00 AM - 08:00 AM	62.1	73.5	61.6
08:00 AM - 09:00 AM	62.0	80.4	61.4
09:00 AM - 10:00 AM	61.7	74.9	61.2
10:00 AM - 11:00 AM	61.5	74.5	61.0
11:00 AM - 12:00 PM	61.0	72.1	60.5
Leq Average 24 hrs. (dB(A))	61.9		
Lmax (dB(A))		83.0	
L90 (dB(A))			61.4
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : Jun 05, 2026
Date Reported : Jun 09, 2026
Report Number: 3591672-1

Sample Number 261748-19
Parameter Noise (Leq 24 hrs.)
Location รีมรั้วโครงการด้านทิศใต้ (GPS N 12.693736, E 101.152260)
Measurement Date May 29 - May 30, 2026
Measurement by Adisak Tarisoon
Sound Level meter Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	60.7	67.7	60.2
01:00 PM - 02:00 PM	61.2	75.0	60.5
02:00 PM - 03:00 PM	60.9	70.8	60.3
03:00 PM - 04:00 PM	60.9	73.6	60.3
04:00 PM - 05:00 PM	61.2	72.8	60.6
05:00 PM - 06:00 PM	61.9	72.3	61.2
06:00 PM - 07:00 PM	62.3	70.4	61.6
07:00 PM - 08:00 PM	62.1	72.0	61.6
08:00 PM - 09:00 PM	61.9	71.3	61.4
09:00 PM - 10:00 PM	62.7	71.7	62.1
10:00 PM - 11:00 PM	61.9	64.5	61.5
11:00 PM - 12:00 AM	61.8	64.8	61.5
12:00 AM - 01:00 AM	61.8	71.1	61.5
01:00 AM - 02:00 AM	61.9	77.5	61.3
02:00 AM - 03:00 AM	62.2	70.9	61.7
03:00 AM - 04:00 AM	62.3	65.1	61.9
04:00 AM - 05:00 AM	62.4	65.9	62.0
05:00 AM - 06:00 AM	62.5	75.2	62.1
06:00 AM - 07:00 AM	62.6	71.7	62.2
07:00 AM - 08:00 AM	62.2	77.7	61.7
08:00 AM - 09:00 AM	62.3	77.6	61.8
09:00 AM - 10:00 AM	63.3	80.4	62.4
10:00 AM - 11:00 AM	62.5	73.5	61.9
11:00 AM - 12:00 PM	62.2	76.9	61.7
Leq Average 24 hrs. (dB(A))	62.0		
Lmax (dB(A))		80.4	
L90 (dB(A))			61.6
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : Jun 05, 2026
Date Reported : Jun 09, 2026
Report Number: 3591673-1

Sample Number 261748-20
Parameter Noise (Leq 24 hrs.)
Location รีมรั้วโครงการด้านทิศใต้ (GPS N 12.693736, E 101.152260)
Measurement Date May 30 - May 31, 2026
Measurement by Adisak Tarisoon
Sound Level meter Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	61.7	83.6	61.1
01:00 PM - 02:00 PM	63.3	76.7	62.1
02:00 PM - 03:00 PM	62.3	73.8	61.7
03:00 PM - 04:00 PM	61.5	69.3	61.1
04:00 PM - 05:00 PM	61.9	71.6	61.4
05:00 PM - 06:00 PM	62.1	76.2	61.7
06:00 PM - 07:00 PM	62.3	70.0	62.0
07:00 PM - 08:00 PM	62.1	75.2	61.7
08:00 PM - 09:00 PM	62.0	64.4	61.7
09:00 PM - 10:00 PM	61.9	68.1	61.6
10:00 PM - 11:00 PM	61.8	64.0	61.5
11:00 PM - 12:00 AM	61.8	63.8	61.4
12:00 AM - 01:00 AM	62.0	72.7	61.6
01:00 AM - 02:00 AM	62.0	71.0	61.7
02:00 AM - 03:00 AM	62.4	67.0	62.1
03:00 AM - 04:00 AM	62.3	66.2	62.0
04:00 AM - 05:00 AM	62.3	75.0	61.9
05:00 AM - 06:00 AM	62.4	77.1	62.0
06:00 AM - 07:00 AM	62.3	70.3	62.0
07:00 AM - 08:00 AM	62.1	71.7	61.7
08:00 AM - 09:00 AM	61.9	70.6	61.4
09:00 AM - 10:00 AM	61.1	76.7	60.7
10:00 AM - 11:00 AM	61.5	65.5	61.1
11:00 AM - 12:00 PM	61.9	74.4	61.4
Leq Average 24 hrs. (dB(A))	62.1		
Lmax (dB(A))		83.6	
L90 (dB(A))			61.7
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556
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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261748
Date Received : □n 05, 2026
Date Reported : □n 09, 2026
Report Number: 3591674-1

Sample Number 261748-21
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโครงการด้านทิศใต้ (GPS N 12.693736, E 101.152260)
Measurement Date May 31 - □n 01, 2026
Measurement by Adisak Tarisoon
Sound Level meter Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	60.9	68.7	60.5
01:00 PM - 02:00 PM	61.7	79.1	61.1
02:00 PM - 03:00 PM	63.8	97.1	61.7
03:00 PM - 04:00 PM	62.1	71.2	61.7
04:00 PM - 05:00 PM	61.3	73.4	60.9
05:00 PM - 06:00 PM	61.8	77.7	61.4
06:00 PM - 07:00 PM	62.4	74.4	61.9
07:00 PM - 08:00 PM	62.0	67.0	61.6
08:00 PM - 09:00 PM	61.8	76.5	61.4
09:00 PM - 10:00 PM	61.8	63.7	61.4
10:00 PM - 11:00 PM	62.2	67.4	61.7
11:00 PM - 12:00 AM	63.3	78.0	62.6
12:00 AM - 01:00 AM	62.5	73.6	62.0
01:00 AM - 02:00 AM	62.4	72.4	62.0
02:00 AM - 03:00 AM	62.6	69.4	62.3
03:00 AM - 04:00 AM	62.4	70.2	62.1
04:00 AM - 05:00 AM	62.3	71.7	61.9
05:00 AM - 06:00 AM	62.5	69.7	62.0
06:00 AM - 07:00 AM	62.6	73.5	62.1
07:00 AM - 08:00 AM	62.9	76.8	62.3
08:00 AM - 09:00 AM	62.5	73.5	61.9
09:00 AM - 10:00 AM	61.9	71.1	61.4
10:00 AM - 11:00 AM	61.7	72.3	61.2
11:00 AM - 12:00 PM	64.3	82.9	61.6
Leq Average 24 hrs. (dB(A))	62.4		
Lmax (dB(A))		97.1	
L90 (dB(A))			61.7
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Pluakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556
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ภาคผนวก ค-4

คุณภาพน้ำทิ้ง

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene 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_PS (SPCL)

Lot ID: 25113599
Date Received : Jan 07, 2026
Date Reported : Jan 16, 2026
Report Number : 3475697-1

Sample Number	25113599-1
Sampled Date	Jan 07, 2026 9:55 AM
Sample Description	Wastewater
Location	ES-1890
Date Analysis Commenced	Jan 07, 2026
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	2.2	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	35	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	10	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	10	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	26.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	664	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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, 24th ed., 2023, part 2540 D	Rayong

Technical Management Jitsupa P.
Jitsupa Pratuangsuk
Scientist (2)
ทะเบียนเลขที่ ว-323-จ-0004

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene 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_PS (SPCL)

Lot ID: 25113599
Date Received : Jan 07, 2026
Date Reported : Jan 16, 2026
Report Number : 3475697-1

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Sampling By : Thanasoun Namakunna ทะเบียนเลขที่ ว-204-จ-0101

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

Technical Management Jitsupa P.
Jitsupa Pratuangsuk
Scientist (2)
ทะเบียนเลขที่ ว-323-จ-0004

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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Analysis / Test Report

Client : Siam Polystyrene 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_PS (SPCL)

Lot ID: 25113599
Date Received : Jan 07, 2026
Date Reported : Jan 15, 2026
Report Number : 3475697-2

Sample Number	25113599-1
Sampled Date	Jan 07, 2026 9:55 AM
Sample Description	Wastewater
Location	ES-1890
Date Analysis Commenced	Jan 09, 2026
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	11.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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 : Thanasoun Namakunna

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by Suwimon C.
Suwimon Chairuangwut
Scientist (3)

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 265668
Date Received : Feb 19, 2026
Date Reported : Feb 28, 2026
Report Number : 3491087-1

Sample Number	265668-1
Sampled Date	Feb 19, 2026 9:10 AM
Sample Description	Wastewater
Location	ES-1890
Date Analysis Commenced	Feb 19, 2026
Condition of Sample	Contained in one amber glass bottle, two glass vials 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, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	32	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	19	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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, 24th ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	336	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	9	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Technical Management PhotchanaS
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 265668
Date Received : Feb 19, 2026
Date Reported : Feb 28, 2026
Report Number : 3491087-1

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

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

Technical Management PhotchanaS
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 265668
Date Received : Feb 19, 2026
Date Reported : Feb 27, 2026
Report Number : 3491087-2

Sample Number	265668-1
Sampled Date	Feb 19, 2026 9:10 AM
Sample Description	Wastewater
Location	ES-1890
Date Analysis Commenced	Feb 23, 2026
Condition of Sample	Contained in one amber glass bottle, two glass vials 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	10.5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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 : Sansoen Khuiyoksui

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

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Approved by
Narin Saiseng
Supervisor

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2616297
Date Received : Mar 04, 2026
Date Reported : Mar 12, 2026
Report Number : 3512528-1

Sample Number	2616297-1
Sampled Date	Mar 04, 2026 10:30 AM
Sample Description	Wastewater
Location	ES-1890
Date Analysis Commenced	Mar 04, 2026
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	2.2	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	36	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	26	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	25	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	8.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	536	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried from 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Technical Management PhotchanaS
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2616297
Date Received : Mar 04, 2026
Date Reported : Mar 12, 2026
Report Number : 3512528-1

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management PhotchanaS
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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7781-41/ EMAIL S:\Reports_All_GL.rpt (1:00PM)

Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2616297
Date Received : Mar 04, 2026
Date Reported : Mar 12, 2026
Report Number : 3512528-2

Sample Number	2616297-1
Sampled Date	Mar 04, 2026 10:30 AM
Sample Description	Wastewater
Location	ES-1890
Date Analysis Commenced	Mar 06, 2026
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	11.6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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 : Sansoen Khuiyoksui

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by Suwimon C.
Suwimon Chairuangwut
Scientist (3)

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2625445
Date Received : Apr 03, 2026
Date Reported : Apr 11, 2026
Report Number : 3534010-1

Sample Number	2625445-1
Sampled Date	Apr 03, 2026 8:40 AM
Sample Description	Wastewater
Location	ES-1890
Date Analysis Commenced	Apr 03, 2026
Condition of Sample	Contained in two amber glass bottles, two glass vials 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, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	35	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	19	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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, 24th ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	30.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	740	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried from 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Technical Management PhotchanaS
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2625445
Date Received : Apr 03, 2026
Date Reported : Apr 11, 2026
Report Number : 3534010-1

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-0038 , Patchanon Inprik ทะเบียนเลขที่ ว-204-จ-0197

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

Technical Management
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2625445
Date Received : Apr 03, 2026
Date Reported : Apr 11, 2026
Report Number : 3534010-2

Sample Number	2625445-1
Sampled Date	Apr 03, 2026 8:40 AM
Sample Description	Wastewater
Location	ES-1890
Date Analysis Commenced	Apr 07, 2026
Condition of Sample	Contained in two amber glass bottles, two glass vials 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	11.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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 , Patchanon Inprik

Remark :
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Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by
Nanthawadee Somboon
Specialist 2

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2634774
Date Received : May 06, 2026
Date Reported : May 14, 2026
Report Number : 3557332-1

Sample Number	2634774-1
Sampled Date	May 06, 2026 9:50 AM
Sample Description	Wastewater
Location	ES-1890
Date Analysis Commenced	May 06, 2026
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, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	38	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	16	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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, 24th ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	680	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried from 103-105 degree C	mg/L	-	5	7	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Technical Management PhotchanaS
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2634774
Date Received : May 06, 2026
Date Reported : May 14, 2026
Report Number : 3557332-1

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management PhotchanaS
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

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Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2634774
Date Received : May 06, 2026
Date Reported : May 14, 2026
Report Number : 3557332-2

Sample Number	2634774-1
Sampled Date	May 06, 2026 9:50 AM
Sample Description	Wastewater
Location	ES-1890
Date Analysis Commenced	May 08, 2026
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	12.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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 : Sansoen Khuiyoksui

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by
Siriluk P.
Siriluk Bunnak
Section Head

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2644712
Date Received : Jun 08, 2026
Date Reported : Jun 16, 2026
Report Number : 3577919-1

Sample Number	2644712-1
Sampled Date	Jun 08, 2026 9:30 AM
Sample Description	Wastewater
Location	ES-1890
Date Analysis Commenced	Jun 08, 2026
Condition of Sample	Contained in two amber glass bottles, two glass vials 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, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	47	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	14	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	14	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	8.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	832	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried from 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Technical Management
PhotchanaS
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2644712
Date Received : Jun 08, 2026
Date Reported : Jun 16, 2026
Report Number : 3577919-1

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

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

Technical Management

Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

Approved by

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

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Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2644712
Date Received : Jun 08, 2026
Date Reported : Jun 16, 2026
Report Number : 3577919-2

Sample Number	2644712-1
Sampled Date	Jun 08, 2026 9:30 AM
Sample Description	Wastewater
Location	ES-1890
Date Analysis Commenced	Jun 10, 2026
Condition of Sample	Contained in two amber glass bottles, two glass vials 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	15.2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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 : Sansoen Khuiyoksui , Pattarapol Sawangjaitam

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Narin Saiseng
Supervisor

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

TESTING
No.0042

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: 25113581
Date Received : Jan 07, 2026
Date Reported : Jan 16, 2026
Report Number : 3475650-1

Sample Number	25113581-1
Sampled Date	Jan 07, 2026 9:35 AM
Sample Description	Wastewater
Location	Domestic Outlet
Date Analysis Commenced	Jan 07, 2026
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, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	21	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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, 24th ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.5	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	28.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	416	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	2.6	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D)	Rayong

Technical Management Jitsupa P.
Jitsupa Pratuangsuk
Scientist (2)
ทะเบียนเลขที่ ว-323-จ-0004

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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Analysis / Test Report

TESTING
No.0042

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: 25113581
Date Received : Jan 07, 2026
Date Reported : Jan 16, 2026
Report Number : 3475650-1

Sample Number	25113581-1
Sampled Date	Jan 07, 2026 9:35 AM
Sample Description	Wastewater
Location	Domestic Outlet
Date Analysis Commenced	Jan 07, 2026
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, 24th ed., 2023, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Note : Raw data of COD value (Refer to Lot ID 25113581-1) is 11.0 mg/L

Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005 , Thanasoun Namakunna ทะเบียนเลขที่ ว-204-จ-0101

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

Technical Management Jitsupa P.
Jitsupa Pratuangsuk
Scientist (2)
ทะเบียนเลขที่ ว-323-จ-0004

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

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7780-61/ EMAIL S:\Reports_All_GL.rpt (4:37PM)

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: 25113581
Date Received : Jan 07, 2026
Date Reported : Jan 15, 2026
Report Number : 3475650-2

Sample Number	25113581-1
Sampled Date	Jan 07, 2026 9:35 AM
Sample Description	Wastewater
Location	Domestic Outlet
Date Analysis Commenced	Jan 09, 2026
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	5.03	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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 : Sansoen Khuiyoksui , Thanasoun Namakunna

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by Suwimon C.
Suwimon Chairuangwut
Scientist (3)

Analysis / Test Report

TESTING
No.0042

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518151512
Project Name : Water Testing
Project Location: Map Ta Phut_Latex (SSLC)

Lot ID: 265626
Date Received : Feb 06, 2026
Date Reported : Feb 13, 2026
Report Number : 3491044-1

Sample Number	265626-1
Sampled Date	Feb 06, 2026 8:55 AM
Sample Description	Wastewater
Location	Domestic Outlet
Date Analysis Commenced	Feb 06, 2026
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	3.2	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	28	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	27	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	30.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	568	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	1.2	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D)	Rayong

Technical Management Jitsupa P.
Jitsupa Pratuangsuk
Scientist (2)
ทะเบียนเลขที่ ว-323-จ-0004

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Analysis / Test Report

TESTING
No.0042

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518151512
Project Name : Water Testing
Project Location : Map Ta Phut_Latex (SSLC)

Lot ID: 265626
Date Received : Feb 06, 2026
Date Reported : Feb 13, 2026
Report Number : 3491044-1

Sample Number	265626-1
Sampled Date	Feb 06, 2026 8:55 AM
Sample Description	Wastewater
Location	Domestic Outlet
Date Analysis Commenced	Feb 06, 2026
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, 24th ed., 2023, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Note : Raw data of COD value (Refer to Lot ID 265626-1) is 13.6 mg/L

Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

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

Technical Management Jitsupa P.
Jitsupa Pratuangsuk
Scientist (2)
ทะเบียนเลขที่ ว-323-จ-0004

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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 : 4518151512
Project Name : Water Testing
Project Location : Map Ta Phut_Latex (SSLC)

Lot ID: 265626
Date Received : Feb 06, 2026
Date Reported : Feb 14, 2026
Report Number : 3491044-2

Sample Number	265626-1
Sampled Date	Feb 06, 2026 8:55 AM
Sample Description	Wastewater
Location	Domestic Outlet
Date Analysis Commenced	Feb 11, 2026
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, 24th ed., 2023, 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 : Sansoen Khuiyoksui

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by Nant Somb
Nanthawadee Somboon
Specialist 2

Analysis / Test Report

TESTING
No.0042

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518151512
Project Name : Water Testing
Project Location: Map Ta Phut_Latex (SSLC)

Lot ID: 2616268
Date Received : Mar 04, 2026
Date Reported : Mar 12, 2026
Report Number : 3512478-1

Sample Number	2616268-1
Sampled Date	Mar 04, 2026 9:25 AM
Sample Description	Wastewater
Location	Domestic Outlet
Date Analysis Commenced	Mar 04, 2026
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, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	28	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	26	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	500	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	3.3	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D)	Rayong

Technical Management PhotchanaS
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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Analysis / Test Report

TESTING
No.0042

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518151512
Project Name : Water Testing
Project Location: Map Ta Phut_Latex (SSLC)

Lot ID: 2616268
Date Received : Mar 04, 2026
Date Reported : Mar 12, 2026
Report Number : 3512478-1

Sample Number	2616268-1
Sampled Date	Mar 04, 2026 9:25 AM
Sample Description	Wastewater
Location	Domestic Outlet
Date Analysis Commenced	Mar 04, 2026
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 from 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Note : Raw data of COD value (Refer to Lot ID 3616268-1) is 11.9 mg/L

Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

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

Technical Management PhotchanaS
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

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7780-61/ EMAIL S:\Reports_All_GL.rpt (11:48AM)

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 : 4518151512
Project Name : Water Testing
Project Location: Map Ta Phut_Latex (SSLC)

Lot ID: 2616268
Date Received : Mar 04, 2026
Date Reported : Mar 12, 2026
Report Number : 3512478-2

Sample Number	2616268-1
Sampled Date	Mar 04, 2026 9:25 AM
Sample Description	Wastewater
Location	Domestic Outlet
Date Analysis Commenced	Mar 06, 2026
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	6.35	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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 3616268-1) is 11.9 mg/L

Sampling By : Sansoen Khuiyoksui

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by Suwimon C.
Suwimon Chairuangwut
Scientist (3)

Analysis / Test Report

TESTING
No.0042

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518151512
Project Name : Water Testing
Project Location: Map Ta Phut_Latex (SSLC)

Lot ID: 2625170
Date Received : Apr 01, 2026
Date Reported : Apr 09, 2026
Report Number : 3533237-1

Sample Number	2625170-1
Sampled Date	Apr 01, 2026 9:15 AM
Sample Description	Wastewater
Location	Domestic Outlet
Date Analysis Commenced	Apr 01, 2026
Condition of Sample	Contained in two amber glass bottles, two glass vials 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, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	26	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	25	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	568	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	2.0	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D)	Rayong

Technical Management PhotchanaS
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Analysis / Test Report

TESTING
No.0042

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518151512
Project Name : Water Testing
Project Location: Map Ta Phut_Latex (SSLC)

Lot ID: 2625170
Date Received : Apr 01, 2026
Date Reported : Apr 09, 2026
Report Number : 3533237-1

Sample Number	2625170-1
Sampled Date	Apr 01, 2026 9:15 AM
Sample Description	Wastewater
Location	Domestic Outlet
Date Analysis Commenced	Apr 01, 2026
Condition of Sample	Contained in two amber glass bottles, two glass vials 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 from 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Note : Raw data of COD value (Refer to Lot ID 2625170-1) is 4.3 mg/L

Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-0038

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

Technical Management
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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 : 4518151512
Project Name : Water Testing
Project Location: Map Ta Phut_Latex (SSLC)

Lot ID: 2625170
Date Received : Apr 01, 2026
Date Reported : Apr 08, 2026
Report Number : 3533237-2

Sample Number	2625170-1
Sampled Date	Apr 01, 2026 9:15 AM
Sample Description	Wastewater
Location	Domestic Outlet
Date Analysis Commenced	Apr 03, 2026
Condition of Sample	Contained in two amber glass bottles, two glass vials 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	3.91	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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

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

Approved by
Narin Saiseng
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Analysis / Test Report

TESTING
No.0042

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518151512
Project Name : Water Testing
Project Location: Map Ta Phut_Latex (SSLC)

Lot ID: 2634766
Date Received : May 06, 2026
Date Reported : May 14, 2026
Report Number : 3557322-1

Sample Number	2634766-1
Sampled Date	May 06, 2026 9:35 AM
Sample Description	Wastewater
Location	Domestic Outlet
Date Analysis Commenced	May 06, 2026
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, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	15	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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, 24th ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	440	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	1.6	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D)	Rayong

Technical Management PhotchanaS
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

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

Analysis / Test Report

TESTING
No.0042

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518151512
Project Name : Water Testing
Project Location: Map Ta Phut_Latex (SSLC)

Lot ID: 2634766
Date Received : May 06, 2026
Date Reported : May 14, 2026
Report Number : 3557322-1

Sample Number	2634766-1
Sampled Date	May 06, 2026 9:35 AM
Sample Description	Wastewater
Location	Domestic Outlet
Date Analysis Commenced	May 06, 2026
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 from 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Note : Raw data of COD value (Refer to Lot ID 2634766-1) is 11.6 mg/L

Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management PhotchanaS
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

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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 : 4518151512
Project Name : Water Testing
Project Location: Map Ta Phut_Latex (SSLC)

Lot ID: 2634766
Date Received : May 06, 2026
Date Reported : May 14, 2026
Report Number : 3557322-2

Sample Number	2634766-1
Sampled Date	May 06, 2026 9:35 AM
Sample Description	Wastewater
Location	Domestic Outlet
Date Analysis Commenced	May 08, 2026
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	5.38	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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 : Sansoen Khuiyoksui

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

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Approved by
Siriluk Bunnak
Section Head

Analysis / Test Report

TESTING
No.0042

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518151512
Project Name : Water Testing
Project Location: Map Ta Phut_Latex (SSLC)

Lot ID: 2644701
Date Received : Jun 08, 2026
Date Reported : Jun 16, 2026
Report Number : 3577893-1

Sample Number	2644701-1
Sampled Date	Jun 08, 2026 9:15 AM
Sample Description	Wastewater
Location	Domestic Outlet
Date Analysis Commenced	Jun 08, 2026
Condition of Sample	Contained in two amber glass bottles, two glass vials 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, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	17	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	17	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.6	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	376	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	2.7	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D)	Rayong

Technical Management
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Analysis / Test Report

TESTING
No.0042

Client : Siam Synthetic Latex Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518151512
Project Name : Water Testing
Project Location: Map Ta Phut_Latex (SSLC)

Lot ID: 2644701
Date Received : Jun 08, 2026
Date Reported : Jun 16, 2026
Report Number : 3577893-1

Sample Number	2644701-1
Sampled Date	Jun 08, 2026 9:15 AM
Sample Description	Wastewater
Location	Domestic Outlet
Date Analysis Commenced	Jun 08, 2026
Condition of Sample	Contained in two amber glass bottles, two glass vials 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 from 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Note : Raw data of COD value (Refer to Lot ID 2644701-1) is 14.4 mg/L

Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management
PhotchanaS
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

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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 : 4518151512
Project Name : Water Testing
Project Location: Map Ta Phut_Latex (SSLC)

Lot ID: 2644701
Date Received : Jun 08, 2026
Date Reported : Jun 16, 2026
Report Number : 3577893-2

Sample Number	2644701-1
Sampled Date	Jun 08, 2026 9:15 AM
Sample Description	Wastewater
Location	Domestic Outlet
Date Analysis Commenced	Jun 10, 2026
Condition of Sample	Contained in two amber glass bottles, two glass vials 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	5.53	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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 : Sansoen Khuiyoksui , Pattarapol Sawangjaitam

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

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Approved by
Narin Saiseng
Supervisor

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

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 00081114
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2616257
Date Received : Mar 04, 2026
Date Reported : Mar 23, 2026
Report Number : 3512467-1 C3

Sample Number	2616257-1
Sampling Date	Mar 04, 2026 9:58 AM
Sample Description	Wastewater
Location	จุดระบายน้ำทิ้งออกนอกโครงการ (Outfall Pit)
Date Analysis Commenced	Mar 04, 2026
Condition of Sample	Contained in six glass vials, four amber glass bottles and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	30	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	12	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	11	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-CN (C, E)	Rayong
Formaldehyde	mg/L	0.03	0.1	Not Detected	≤1.0	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed.,2004	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	8.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Phenol	mg/L	0.005	0.01	0.04	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5530 B, D	Rayong

Technical Management PhotchanaS
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

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

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 00081114
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2616257
Date Received : Mar 04, 2026
Date Reported : Mar 23, 2026
Report Number : 3512467-1 C3

Sample Number	2616257-1
Sampling Date	Mar 04, 2026 9:58 AM
Sample Description	Wastewater
Location	จุดระบายน้ำทิ้งออกนอกโครงการ (Outfall Pit)
Date Analysis Commenced	Mar 04, 2026
Condition of Sample	Contained in six glass vials, four amber glass bottles and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Rayong
Temperature *	Degree C	-	-	33.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	788	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	1.9	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D)	Rayong
Total Suspended Solids Dried from 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Guideline: Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Sampling By : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

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

Technical Management PhotchanaS
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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RIGHT SOLUTIONS RIGHT PARTNER
6506-102/ EMAIL

Analysis / Test Report

TESTING
No.0009

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 00081114
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2616257
Date Received : Mar 04, 2026
Date Reported : Mar 23, 2026
Report Number : 3512467-2 C3

Sample Number	2616257-1
Sampling Date	Mar 04, 2026 9:58 AM
Sample Description	Wastewater
Location	จุดระบายน้ำทิ้งออกนอกโครงการ (Outfall Pit)
Date Analysis Commenced	Mar 05, 2026
Condition of Sample	Contained in six glass vials, four amber glass bottles and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.004	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.21	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.005	≤2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	0.0007	≤0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.11	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3112	Bangkok

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

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

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Analysis / Test Report

TESTING
No.0009

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 00081114
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2616257
Date Received : Mar 04, 2026
Date Reported : Mar 23, 2026
Report Number : 3512467-2 C3

Sample Number	2616257-1
Sampling Date	Mar 04, 2026 9:58 AM
Sample Description	Wastewater
Location	จุดระบายน้ำทิ้งออกนอกโครงการ (Outfall Pit)
Date Analysis Commenced	Mar 05, 2026
Condition of Sample	Contained in six glass vials, four amber glass bottles and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.007	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.0006	≤0.02	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	≤0.75	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.97	≤5.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Pesticides - Organochlorine Group							
2,4-DDD *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
2,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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

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

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Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 00081114
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2616257
Date Received : Mar 04, 2026
Date Reported : Mar 23, 2026
Report Number : 3512467-2 C3

Sample Number	2616257-1
Sampling Date	Mar 04, 2026 9:58 AM
Sample Description	Wastewater
Location	จุดระบายน้ำทิ้งออกนอกโครงการ (Outfall Pit)
Date Analysis Commenced	Mar 05, 2026
Condition of Sample	Contained in six glass vials, four amber glass bottles and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
4,4-DDD *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDE *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
4,4-DDT *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Aldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
beta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Chlordane *	ug/L	0.02	0.04	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

TESTING
No.0009

Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 00081114
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2616257
Date Received : Mar 04, 2026
Date Reported : Mar 23, 2026
Report Number : 3512467-2 C3

Sample Number	2616257-1
Sampling Date	Mar 04, 2026 9:58 AM
Sample Description	Wastewater
Location	จุดระบายน้ำทิ้งออกนอกโครงการ (Outfall Pit)
Date Analysis Commenced	Mar 05, 2026
Condition of Sample	Contained in six glass vials, four amber glass bottles and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
delta-BHC *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Dieldrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan I *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan II *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endrin *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor-Epoxide *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

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

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

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Analysis / Test Report

TESTING
No.0009

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 00081114
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2616257
Date Received : Mar 04, 2026
Date Reported : Mar 23, 2026
Report Number : 3512467-2 C3

Sample Number	2616257-1
Sampling Date	Mar 04, 2026 9:58 AM
Sample Description	Wastewater
Location	จุดระบายน้ำทิ้งออกนอกโครงการ (Outfall Pit)
Date Analysis Commenced	Mar 05, 2026
Condition of Sample	Contained in six glass vials, four amber glass bottles and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
Lindane (gamma-BHC) *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 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 : Sansoen Khuiyoksui ทะเบียนเลขที่ ว-323-จ-0005 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

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

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

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

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Analysis / Test Report

TESTING
No.0009

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 00081114
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2616257
Date Received : Mar 04, 2026
Date Reported : Mar 23, 2026
Report Number : 3512467-3 C3

Sample Number	2616257-1
Sampling Date	Mar 04, 2026 9:58 AM
Sample Description	Wastewater
Location	จุดระบายน้ำทิ้งออกนอกโครงการ (Outfall Pit)
Date Analysis Commenced	Mar 05, 2026
Condition of Sample	Contained in six glass vials, four amber glass bottles and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Phosphorus	mg/L	0.03	0.05	0.51	No Standard	In-house method : STM 05-014 based on United States Environmental Protection Agency, 1994, EPA Method 200.7	Bangkok
Pesticides - Organochlorine Group							
alpha-Chlordane *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
gamma-Chlordane *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Mirex *	ug/L	0.01	0.02	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Volatile Organics Compounds							
1,1,1-Trichloroethane	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,1,2-Trichloroethane	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,1-Dichloroethylene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok

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Approved by Sawitree N.
Sawitree Noisangiam
Manager

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Analysis / Test Report

TESTING
No.0009

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 00081114
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2616257
Date Received : Mar 04, 2026
Date Reported : Mar 23, 2026
Report Number : 3512467-3 C3

Sample Number	2616257-1
Sampling Date	Mar 04, 2026 9:58 AM
Sample Description	Wastewater
Location	จุดระบายน้ำทิ้งออกนอกโครงการ (Outfall Pit)
Date Analysis Commenced	Mar 05, 2026
Condition of Sample	Contained in six glass vials, four amber glass bottles and eight 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							
1,2-Dichloroethane	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,3-Dichloropropane *	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Benzene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Bromodichloromethane *	ug/L	0.2	0.5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Bromoform *	ug/L	0.2	0.5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Carbontetrachloride	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Chloroform *	ug/L	0.2	0.5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
cis-1,2-Dichloroethylene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Dibromochloromethane *	ug/L	0.2	0.5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok

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Approved by Sawitree N.
Sawitree Noisangiam
Manager

Analysis / Test Report

TESTING
No.0009

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 00081114
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2616257
Date Received : Mar 04, 2026
Date Reported : Mar 23, 2026
Report Number : 3512467-3 C3

Sample Number	2616257-1
Sampling Date	Mar 04, 2026 9:58 AM
Sample Description	Wastewater
Location	จุดระบายน้ำทิ้งออกนอกโครงการ (Outfall Pit)
Date Analysis Commenced	Mar 05, 2026
Condition of Sample	Contained in six glass vials, four amber glass bottles and eight 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							
Ethylbenzene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Hexachlorobutadiene *	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Methyl Chloride *	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Methylene Chloride (Dichloromethane)	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Styrene	ug/L	1.5	5	<5	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Tetrachloroethylene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Toluene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Total Trihalomethanes *	ug/L	0.2	1	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Total Xylene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok

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Approved by Sawitree N.
Sawitree Noisangiam
Manager

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6506-102/ EMAIL

Analysis / Test Report

TESTING
No.0009

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 00081114
Project Name : Water Testing
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 2616257
Date Received : Mar 04, 2026
Date Reported : Mar 23, 2026
Report Number : 3512467-3 C3

Sample Number	2616257-1
Sampling Date	Mar 04, 2026 9:58 AM
Sample Description	Wastewater
Location	จุดระบายน้ำทิ้งออกนอกโครงการ (Outfall Pit)
Date Analysis Commenced	Mar 05, 2026
Condition of Sample	Contained in six glass vials, four amber glass bottles and eight 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							
trans-1,2-Dichloroethylene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Trichloroethylene	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Vinyl chloride (Chloroethylene)	ug/L	1.5	5	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Water Testing							
Total Organic Carbon *	mg/L	0.01	0.1	14.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, 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 : Sansoen Khuiyoksui , Pattarapol Sawangjaitam

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

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Approved by Sawitree N.
Sawitree Noisangiam
Manager

CHAIN OF CUSTODY

Lot : 2616257
Control No. : 13/940-2026_1st : S2
Plan :4-Mar-26
(Page 1 of 4)

Client : Siam Styrene Monomer Co., Ltd. Agr. No. : 6506-102 Quote ID.: Q2520917
8, I-4 Road, Map Ta Phut Industrial Estate, Maptaphut, Muang, Rayong Thailand 21150
Contact : K.Yongyuth Somkuan Tel: 0-3867-3287 , 08-9699-8702
Site : ---- Plot ---- Contract ID : ----

Project Name : Water Testing
Project Location : Map Ta Phut_EBSM (SSMC)
☐ DIW
Sampling By : SKL, PSJ

Receipt Detail
☐ เก็บแช่เย็น
☐ Code:
Temp. 8.5°C

Lot No.	สถานที่เก็บตัวอย่าง Location	รายละเอียดตัวอย่าง Sample Name	วันที่เก็บ Date	เวลาที่เก็บ Time	ภาชนะ Container	จำนวน QTY	รายการวิเคราะห์ Parameter	Preservation	Physical Property
2616257-1	Outfall	Wastewater Free Cl2 = ND mg/L Temp = 33.7 C pH on site = 9.0 Conduct = 1532 uS/cm หมายเลขเครื่องมือ : RTG, FSD67	04/03/2026	09.58	Data Recording	1	(X) Residual Free Chlorine (X) Temperature	☐ เฮโซเก็บ ☐ สารเคมี	สี : ☐ ไม่มี ☑ มีเหลือง ☐ เขียว กลิ่น : ☐ ไม่มี ☑ มีกลิ่น ☐ ฉุน ตะกอน : ☐ มีมีนี ☑ มีตะกอน ☐ มาก ความขุ่น : ☑ ใส ☐ ปนขุ่น ☐ มาก อื่นๆ
					HEXACR	1	Cr3+_Cr6+_ICP MS 1. Hexavalent Chromium		
					Mercury_Total	1	Mercury-CVAFS		
					Metal_Total	1	Cr3+_Cr6+_ICP MS 1. Trivalent Chromium Arsenic-ICP MS Barium-ICP MS Cadmium-ICP MS Copper-ICP MS Lead-ICP MS Manganese-ICP MS Nickel-ICP MS Phosphorus Selenium-ICP MS Zinc-ICP MS		
					R_1 L Plastic	1	(X) Color - ADMI (X) Color - ADMI (at pH 7.0) (X) Formaldehyde (X) pH at 25 C (X) TDS (180 C) (X) TSS		

ลูกค้าเซ็นรับทราบ / Client Sig. | ผู้เก็บตัวอย่าง/ Courier | ผู้รับมอบตัวอย่าง/ Received by | Log in โดย

ชื่อ/ตัวบรรจง : ....
ชื่อ : ....
วันที่ : ....

ผู้เก็บตัวอย่าง/ Courier
ชื่อ : PSJ
วันที่ : 4 MAR 2026
เวลา : 15.40

ผู้รับมอบตัวอย่าง/ Received by
ชื่อ : ....
วันที่ : ....
เวลา : ....

สภาพตัวอย่าง
☐ ปกติ / Normal
☐ ผิดปกติ / Abnormal

Log in โดย
ชื่อ : NAT
วันที่ 5 MAR 2026
เวลา : 7.50

Remarks :
1. All Lab: หากผลวิเคราะห์มีค่าสูงใกล้ Internal Control Limit ของ DOW และ มาตรฐาน MOI/MNRE 2567 ขอให้แจ้งลูกค้ากลับออกผลทุกครั้ง
2. กรณีที่ค่า COD <LOQ (<25 mg/L) ให้ Lab เพิ่ม note ค่า raw data ใน Report
3. ยอดวิเคราะห์ 2 ชุดใน
1. All parameters
2. 2. Same as AZ-1 (follow by EIA) parameters Color (หน่วย ADMI), pH, Temperature, TOC, TDS, SS, COD, BOD, Oil & Grease, Benzene และ Styrene
4. มี Share ผล
5. Report : DIW

Print Date : 20-Feb-2026 Time : 09:39 AM

FORM NO. F 07-012 REVISION NO. 8 ISSUE DATE: 25/02/2025

CHAIN OF CUSTODY

Lot : 2616257
Control No. : 13/940-2026_1st : S2
Plan :4-Mar-26

Site : ---- Plot : ---- Contract ID : ---- ----

Lot No.	สถานที่เก็บตัวอย่าง Location	รายละเอียดตัวอย่าง Sample Name	วันที่เก็บ Date	เวลาที่เก็บ Time	ภาชนะ Container	จำนวน QTY	รายการวิเคราะห์ Parameter	Preservation	Physical Property
2616257-1	Outfall		02/03/26	09.50	R_BOD	☐ 1	(N) BOD	☐ ฟอร์มาลิน ☐ สารเคมี	สี : ☐ ไม่มี ☑ เหลือง ☐ เขียว กลิ่น : ☐ ไม่มี ☑ น้อย ☐ ฉุน ตะกอน : ☐ ไม่มี ☑ น้อย ☐ มาก ความขุ่น : ☐ ใส ☐ น้อย ☐ มาก อื่นๆ
					R_COD / TKN / TP	☐ 1	(N) COD (N) TKN		
					R_Cyanide Bottle	☐ 1	(N) Cyanide		
					R_Oil & Grease	☐ 2	(N) O&G		
					R_Phenol (1+1 Sulfuric acc)	☐ 1	(N) Phenol		
					R_Sulfide Bottle	☐ 1	(N) Sulfide		
					SVOCs / TPH, 100 mL	☐ 2	Pesticide : OC_W 1. 2,4-DDD 6. 2,4-DDE 11. 2,4-DDT 16. 4,4-DDD 21. 4,4-DDE 26. 4,4-DDT 31. Aldrin 36. alpha-BHC 41. beta-BHC 46. Chlordane 51. cis-Chlordane 56. delta-BHC 61. Dieldrin 66. Endosulfan I 71. Endosulfan II 76. Endrin 81. Heptachlor 86. Heptachlor-Epoxide 91. Hexachlorobenzene 96. Lindane 101. Methoxychlor		

Print Date : 20-Feb-2026 Time : 09:39 AM

CHAIN OF CUSTODY

Lot : 2616257
Control No. : 13/940-2026_1st : S2
Plan :4-Mar-26

Site : ---- Plot : ---- Contract ID : ---- ----

Lot No.	สถานที่เก็บตัวอย่าง Location	รายละเอียดตัวอย่าง Sample Name	วันที่เก็บ Date	เวลาที่เก็บ Time	ภาชนะ Container	จำนวน QTY	รายการวิเคราะห์ Parameter	Preservation	Physical Property
2616257-1	Outfall		02/03/26	09.50			106. Mirex 111. trans-Chlordane	☑ ฟอร์มาลิน ☐ สารเคมี	สี : ☐ ไม่มี ☑ เหลือง ☐ เขียว กลิ่น : ☐ ไม่มี ☐ น้อย ☐ ฉุน ตะกอน : ☐ ไม่มี ☑ น้อย ☐ มาก ความขุ่น : ☑ ใส ☐ น้อย ☐ มาก อื่นๆ
					TOC_Vial 40 mL	☐ 1	TOC		
					VOCs_Vial 40 mL	☐ 1	Trihalomethane 1. Bromoform 6. Chloroform 11. Dibromochloromethane 16. Dichlorobromomethane 21. Total Trihalomethanes VOC 1. 1,1,1-Trichloroethane 6. 1,1,2-Trichloroethane 11. 1,1-Dichloroethylene 16. 1,2-Dichloroethane 21. 1,3-Dichloropropane 26. Benzene 31. Carbontetrachloride 36. cis-1,2-Dichloroethylene 41. Dichloromethane 46. Ethylbenzene 51. Hexachlorobutadiene 56. Methyl Chloride 61. Styrene 66. Tetrachloroethylene 71. Toluene 76. Total Xylene 81. trans-1,2-Dichloroethylene 86. Trichloroethylene 91. Vinyl chloride		

Print Date : 20-Feb-2026 Time : 09:39 AM

CHAIN OF CUSTODY

Lot : 2616257
Control No. : 13/940-2026_1st : S2
Plan :4-Mar-26

Site : ---- Plot: ---- Contract ID : ---- ----

Lot No.	สถานที่เก็บตัวอย่าง Location	รายละเอียดตัวอย่าง Sample Name	วันที่เก็บ Date	เวลาที่เก็บ Time	ภาชนะ Container	จำนวน QTY	รายการวิเคราะห์ Parameter	Preservation	Physical Property

หมายเหตุเพิ่มเติม:
☐ 1. บริษัทขอสงวนสิทธิ์ในการคิดค่าใช้จ่ายสำหรับการจัดส่งตัวอย่างหรืออุปกรณ์ต้น ครั้งละ 500 บาท
☐ 2. ค่าบริการสำหรับการงานค่า Uncertainty 500 บาท / รายการทดสอบ / ตัวอย่าง
☐ 3. กรณีต้องการให้ห้องปฏิบัติการประเมินผลการวิเคราะห์เทียบกับมาตรฐานหรือเกณฑ์ข้างเคียง (เช่น: ผ่าน/ไม่ผ่าน) ตามวิธี ILAC G8 09 2019 โดยทำข้อตกลงเพิ่มเติมใน F 12-181 คิดค่าบริการเพิ่ม 1,000 บาท / รายการทดสอบ / ตัวอย่าง

Print Date : 20 Feb 2026 Time : 09:39 AM

ภาคผนวก ค-5

คุณภาพน้ำใต้ดิน

Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4516912284
Project Name : Environmental Quality Monitoring
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 24143297
Date Received : Jul 15, 2025
Date Reported : Jul 23, 2025
Report Number : 3200063-2

Sample Number	24143297-1
Sampled Date	Jul 15, 2025 10:40 AM
Sample Description	Groundwate
Location	MW-3 (Near Latex Plant)
Date Analysis Commenced	Jul 15, 2025
Condition of Sample	Contained in two glass vials, one amber glass bottle and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	6.2	6.5-9.2 (I)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures
(I): ในกรณีที่มีการปนเปื้อนของกรดหรือด่างให้เปรียบเทียบผลวิเคราะห์ค่าพีเอชจากจุดเก็บตัวอย่างบ่อท้ายน้ำที่ใช้ในการคิดตามตรวจสอบการปนเปื้อนกับผลวิเคราะห์จากจุดเก็บตัวอย่างบ่อเหนือน้ำที่ใช้เป็นบ่ออ้างอิงบนทิศทางการไหลของน้ำใต้ดินในพื้นที่ โดยค่าพีเอชที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐานคุณภาพน้ำบาดาลที่ใช้บริโภคคือ 6.5-9.2
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-0041 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

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

Technical Management
PhotchanaS
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4516912284
Project Name : Environmental Quality Monitoring
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 24143297
Date Received : Jul 15, 2025
Date Reported : Jul 23, 2025
Report Number : 3200063-1

Sample Number	24143297-1
Sampled Date	Jul 15, 2025 10:40 AM
Sample Description	Groundwate
Location	MW-3 (Near Latex Plant)
Date Analysis Commenced	Jul 15, 2025
Condition of Sample	Contained in two glass vials, one amber glass bottle and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity at 25 Degree C	micromhos/cm	-	0.5	297	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Rayong
Hydrocarbons	mg/L	-	3	<3	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 F	Rayong
Total Organic Carbon	mg/L	0.01	0.1	2.63	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5310 B	Bangkok

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

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

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Approved by
PhotchanaS
Photchana Seeda
Scientist (4)

Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4516912284
Project Name : Environmental Quality Monitoring
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 24143299
Date Received : Jul 16, 2025
Date Reported : Jul 24, 2025
Report Number : 3200098-1

Sample Number	24143299-1
Sampled Date	Jul 16, 2025 10:20 AM
Sample Description	Groundwate
Location	MW-4 (Behind Warehouse)
Date Analysis Commenced	Jul 16, 2025
Condition of Sample	Contained in two glass vials, two amber glass bottles and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	6.7	6.5-9.2 (I)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures
(I): ในกรณีที่มีการปนเปื้อนของกรดหรือด่างให้เปรียบเทียบผลวิเคราะห์ค่าพีเอชจากจุดเก็บตัวอย่างบ่อท้ายน้ำที่ใช้ในการดิดตามตรวจสอบการปนเปื้อนกับผลวิเคราะห์จากจุดเก็บตัวอย่างบ่อเหนือน้ำที่ใช้เป็นบ่ออ้างอิงบนทิศทางการไหลของน้ำใต้ดินในพื้นที่ โดยค่าพีเอชที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐานคุณภาพน้ำบาดาลที่ใช้บริโภคคือ 6.5-9.2
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-0041 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

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

Technical Management
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

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Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4516912284
Project Name : Environmental Quality Monitoring
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 24143299
Date Received : Jul 16, 2025
Date Reported : Jul 24, 2025
Report Number : 3200098-2

Sample Number	24143299-1
Sampled Date	Jul 16, 2025 10:20 AM
Sample Description	Groundwate
Location	MW-4 (Behind Warehouse)
Date Analysis Commenced	Jul 16, 2025
Condition of Sample	Contained in two glass vials, two amber glass bottles and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity at 25 Degree C	micromhos/cm	-	0.5	655	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Rayong
Hydrocarbons	mg/L	-	3	<3	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 F	Rayong
Total Organic Carbon	mg/L	0.01	0.1	9.53	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5310 B	Bangkok

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

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

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Approved by
Siriluk Bunnak
Section Head

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
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Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4516912284
Project Name : Environmental Quality Monitoring
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 24143300
Date Received : Jul 16, 2025
Date Reported : Jul 24, 2025
Report Number : 3200099-1

Sample Number	24143300-1
Sampled Date	Jul 16, 2025 9:50 AM
Sample Description	Groundwate
Location	MW-5 (Near PS Heater)
Date Analysis Commenced	Jul 16, 2025
Condition of Sample	Contained in four glass vials, two amber glass bottles and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.5	6.5-9.2 (I)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures
(I): ในกรณีที่มีการปนเปื้อนของกรดหรือด่างให้เปรียบเทียบผลวิเคราะห์ค่าพีเอชจากจุดเก็บตัวอย่างบ่อท้ายน้ำที่ใช้ในการดัดตามตรวจสอบการปนเปื้อนกับผลวิเคราะห์จากจุดเก็บตัวอย่างบ่อเหนือน้ำที่ใช้เป็นบ่ออ้างอิงบนทิศทางการไหลของน้ำใต้ดินในพื้นที่ โดยค่าพีเอชที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐานคุณภาพน้ำบาดาลที่ใช้บริโภคคือ 6.5-9.2
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-0041 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

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

Technical Management
PhotchanaS
Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4516912284
Project Name : Environmental Quality Monitoring
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 24143300
Date Received : Jul 16, 2025
Date Reported : Jul 24, 2025
Report Number : 3200099-2

Sample Number	24143300-1
Sampled Date	Jul 16, 2025 9:50 AM
Sample Description	Groundwate
Location	MW-5 (Near PS Heater)
Date Analysis Commenced	Jul 16, 2025
Condition of Sample	Contained in four glass vials, two amber glass bottles and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity at 25 Degree C	micromhos/cm	-	0.5	586	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Rayong
Hydrocarbons	mg/L	-	3	<3	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 F	Rayong
Total Organic Carbon	mg/L	0.01	0.1	2.66	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5310 B	Bangkok

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

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by
PhotchanaS
Photchana Seeda
Scientist (4)

Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4516912284
Project Name : Environmental Quality Monitoring
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 24143301
Date Received : Jul 18, 2025
Date Reported : Jul 26, 2025
Report Number : 3200102-1

Sample Number	24143301-1
Sampled Date	Jul 18, 2025 10:50 AM
Sample Description	Groundwate
Location	MW-6 (South Fence)
Date Analysis Commenced	Jul 18, 2025
Condition of Sample	Contained in two glass vials, one amber glass bottle and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	6.5	6.5-9.2 (I)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures
(I): ในกรณีที่มีการปนเปื้อนของกรดหรือด่างให้เปรียบเทียบผลวิเคราะห์ค่าพีเอชจากจุดเก็บตัวอย่างบ่อท้ายน้ำที่ใช้ในการติดตามตรวจสอบการปนเปื้อนกับผลวิเคราะห์จากจุดเก็บตัวอย่างบ่อเหนือน้ำที่ใช้เป็นบ่ออ้างอิงบนทิศทางการไหลของน้ำใต้ดินในพื้นที่ โดยค่าพีเอชที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐานคุณภาพน้ำบาดาลที่ใช้บริโภคคือ 6.5-9.2
Sampling By : Chainusorn Lertnanthakunchai ทะเบียนเลขที่ ว-323-จ-0041 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

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

Technical Management
Jitsupa P.
Jitsupa Pratuangsuk
Scientist (2)
ทะเบียนเลขที่ ว-323-จ-0004

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4516912284
Project Name : Environmental Quality Monitoring
Project Location: Map Ta Phut_PS (SPCL)

Lot ID: 24143301
Date Received : Jul 18, 2025
Date Reported : Aug 18, 2025
Report Number : 3200102-2 Rev. No.1

Sample Number	24143301-1
Sampled Date	Jul 18, 2025 10:50 AM
Sample Description	Groundwate
Location	MW-6 (South Fence)
Date Analysis Commenced	Jul 18, 2025
Condition of Sample	Contained in two glass vials, one amber glass bottle and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity at 25 Degree C	micromhos/cm	-	0.5	618	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Rayong
Hydrocarbons	mg/L	-	3	<3	No Standard	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 F	Rayong
Total Organic Carbon	mg/L	0.01	0.1	11.7	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5310 B	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures
Note : This Analysis test report is reissued to supersede report No.3200102-2, Date Reported : Jul 26, 2025 due to revise analytical information.

Sampling By : Chainusorn Lertnanthakunchai , Pattarapol Sawangjaitam

Remark :
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Approved by
Suwimon C.
Suwimon Chairuangwut
Scientist (3)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
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ภาคผนวก ค-6

คุณภาพอากาศในสภาพแวดล้อมการทำงาน

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O :
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261758
Date Received : Jan 19, 2026
Date Reported : Jan 27, 2026
Report Number : 3483992-1

Sample Number	261758-1
Sampled Date	Jan 19, 2026
Sample Description	Air Quality
Location	RM Preparation
Date Analysis Commenced	Jan 20, 2026
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one 10-L air sampling bag and one sorbent tube, refrigerated
Barometric Pressure	757 mmHg
Atmospheric Temperature	26.4 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Methane as Propane *	11:02 AM - 01:02 PM	ppm	-	0.33	0.80	No Standard	Total Hydrocarbon Analyzer	-	Rayong
Non Methane Hydrocarbon as Propane *	11:02 AM - 01:02 PM	ppm	-	0.33	<0.33	No Standard	Total Hydrocarbon Analyzer	-	Rayong
Styrene *	11:02 AM - 01:02 PM	ppm	-	0.05	<0.05	100	In - house method : STM 04-032 based on NIOSH Manual of Analytical Methods, 4th ed., NMAM, method 1501, issue 3, 2003 (Include sampling)	MOL	Bangkok
Total Dust	11:02 AM - 01:02 PM	mg/m3	-	0.15	<0.15	15	In-house method : STM 02-022 based on NIOSH Manual of Analytical Method, 4th ed., NMAM, method 0500 Issue 2, 1994 (Include sampling)	OSHA	Rayong
Total Hydrocarbon as Propane *	11:02 AM - 01:02 PM	ppm	-	0.33	0.80	No Standard	Total Hydrocarbon Analyzer	-	Rayong

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
OSHA : Occupational Safety and Health Administration
Sampled By : Nantawat Sarin

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

Approved by
Thanita Kulsuriwong
Scientist (4)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O :
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261758
Date Received : Jan 19, 2026
Date Reported : Jan 27, 2026
Report Number : 3483992-1

Sample Number	261758-2
Sampled Date	Jan 19, 2026
Sample Description	Air Quality
Location	Polymerization
Date Analysis Commenced	Jan 20, 2026
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one 10-L air sampling bag and one sorbent tube, refrigerated
Barometric Pressure	757 mmHg
Atmospheric Temperature	26.4 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Methane as Propane *	11:10 AM - 01:10 PM	ppm	-	0.33	0.80	No Standard	Total Hydrocarbon Analyzer	-	Rayong
Non Methane Hydrocarbon as Propane *	11:10 AM - 01:10 PM	ppm	-	0.33	<0.33	No Standard	Total Hydrocarbon Analyzer	-	Rayong
Styrene *	11:10 AM - 01:10 PM	ppm	-	0.05	<0.05	100	In - house method : STM 04-032 based on NIOSH Manual of Analytical Methods, 4th ed., NMAM, method 1501, issue 3, 2003 (Include sampling)	MOL	Bangkok
Total Dust	11:10 AM - 01:10 PM	mg/m3	-	0.15	<0.15	15	In-house method : STM 02-022 based on NIOSH Manual of Analytical Method, 4th ed., NMAM, method 0500 Issue 2, 1994 (Include sampling)	OSHA	Rayong
Total Hydrocarbon as Propane *	11:10 AM - 01:10 PM	ppm	-	0.33	0.80	No Standard	Total Hydrocarbon Analyzer	-	Rayong

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
OSHA : Occupational Safety and Health Administration
Sampled By : Nantawat Sarin

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

Approved by
Thanita Kulsuriwong
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O :
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261758
Date Received : Jan 19, 2026
Date Reported : Jan 27, 2026
Report Number : 3483992-1

Sample Number	261758-3
Sampled Date	Jan 19, 2026
Sample Description	Air Quality
Location	Devolatization
Date Analysis Commenced	Jan 20, 2026
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one 10-L air sampling bag and one sorbent tube, refrigerated
Barometric Pressure	757 mmHg
Atmospheric Temperature	26.4 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Methane as Propane *	11:14 AM - 01:14 PM	ppm	-	0.33	0.80	No Standard	Total Hydrocarbon Analyzer	-	Rayong
Non Methane Hydrocarbon as Propane *	11:14 AM - 01:14 PM	ppm	-	0.33	<0.33	No Standard	Total Hydrocarbon Analyzer	-	Rayong
Styrene *	11:14 AM - 01:14 PM	ppm	-	0.05	<0.05	100	In - house method : STM 04-032 based on NIOSH Manual of Analytical Methods, 4th ed., NMAM, method 1501, issue 3, 2003 (Include sampling)	MOL	Bangkok
Total Dust	11:14 AM - 01:14 PM	mg/m3	-	0.15	<0.15	15	In-house method : STM 02-022 based on NIOSH Manual of Analytical Method, 4th ed., NMAM, method 0500 Issue 2, 1994 (Include sampling)	OSHA	Rayong
Total Hydrocarbon as Propane *	11:14 AM - 01:14 PM	ppm	-	0.33	0.80	No Standard	Total Hydrocarbon Analyzer	-	Rayong

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
OSHA : Occupational Safety and Health Administration
Sampled By : Nantawat Sarin

Remark :
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- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Approved by
Thanita Kulsuriwong
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O :
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261758
Date Received : Jan 19, 2026
Date Reported : Jan 27, 2026
Report Number : 3483992-1

Sample Number	261758-4
Sampled Date	Jan 19, 2026
Sample Description	Air Quality
Location	Finishing
Date Analysis Commenced	Jan 20, 2026
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one 10-L air sampling bag and one sorbent tube, refrigerated
Barometric Pressure	757 mmHg
Atmospheric Temperature	26.4 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Methane as Propane *	11:22 AM - 01:22 PM	ppm	-	0.33	0.80	No Standard	Total Hydrocarbon Analyzer	-	Rayong
Non Methane Hydrocarbon as Propane *	11:22 AM - 01:22 PM	ppm	-	0.33	<0.33	No Standard	Total Hydrocarbon Analyzer	-	Rayong
Styrene *	11:22 AM - 01:22 PM	ppm	-	0.05	<0.05	100	In - house method : STM 04-032 based on NIOSH Manual of Analytical Methods, 4th ed., NMAM, method 1501, issue 3, 2003 (Include sampling)	MOL	Bangkok
Total Dust	11:22 AM - 01:22 PM	mg/m3	-	0.15	<0.15	15	In-house method : STM 02-022 based on NIOSH Manual of Analytical Method, 4th ed., NMAM, method 0500 Issue 2, 1994 (Include sampling)	OSHA	Rayong
Total Hydrocarbon as Propane *	11:22 AM - 01:22 PM	ppm	-	0.33	0.80	No Standard	Total Hydrocarbon Analyzer	-	Rayong

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
OSHA : Occupational Safety and Health Administration
Sampled By : Nantawat Sarin

Remark :
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- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Approved by
Thanita Kulsuriwong
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O :
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261758
Date Received : Jan 19, 2026
Date Reported : Jan 27, 2026
Report Number : 3483992-1

Sample Number	261758-5
Sampled Date	Jan 19, 2026
Sample Description	Air Quality
Location	Packaging
Date Analysis Commenced	Jan 20, 2026
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one 10-L air sampling bag and one sorbent tube, refrigerated
Barometric Pressure	757 mmHg
Atmospheric Temperature	26.4 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Methane as Propane *	11:23 AM - 01:23 PM	ppm	-	0.33	0.80	No Standard	Total Hydrocarbon Analyzer	-	Rayong
Non Methane Hydrocarbon as Propane *	11:23 AM - 01:23 PM	ppm	-	0.33	<0.33	No Standard	Total Hydrocarbon Analyzer	-	Rayong
Styrene *	11:23 AM - 01:23 PM	ppm	-	0.05	<0.05	100	In - house method : STM 04-032 based on NIOSH Manual of Analytical Methods, 4th ed., NMAM, method 1501, issue 3, 2003 (Include sampling)	MOL	Bangkok
Total Dust	11:23 AM - 01:23 PM	mg/m3	-	0.15	<0.15	15	In-house method : STM 02-022 based on NIOSH Manual of Analytical Method, 4th ed., NMAM, method 0500 Issue 2, 1994 (Include sampling)	OSHA	Rayong
Total Hydrocarbon as Propane *	11:23 AM - 01:23 PM	ppm	-	0.33	0.80	No Standard	Total Hydrocarbon Analyzer	-	Rayong

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
OSHA : Occupational Safety and Health Administration
Sampled By : Nantawat Sarin

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

Approved by
Thanita Kulsuriwong
Scientist (4)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 2635248
Date Received : May 27, 2026
Date Reported : Jun 05, 2026
Report Number : 3558267-1

Sample Number	2635248-1
Sampled Date	May 26, 2026
Sample Description	Air Quality
Location	RM Preparation
Date Analysis Commenced	May 27, 2026
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one 10-L air sampling bag and one sorbent tube, refrigerated
Barometric Pressure	756 mmHg
Atmospheric Temperature	32.9 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Methane as Propane *	02:20 PM - 02:40 PM	ppm	-	0.33	0.70	No Standard	Total Hydrocarbon Analyzer	-	Rayong
Non Methane Hydrocarbon as Propane *	02:20 PM - 02:40 PM	ppm	-	0.33	<0.33	No Standard	Total Hydrocarbon Analyzer	-	Rayong
[A] Styrene	02:20 PM - 04:20 PM	ppm	-	0.05	<0.05	100	In - house method : STM 04-032 based on NIOSH Manual of Analytical Methods, 4th ed., NMAM, method 1501, issue 3, 2003 (Include sampling)	MOL	Bangkok
Total Dust	02:20 PM - 04:20 PM	mg/m3	-	0.15	<0.15	15	In-house method : STM 02-022 based on NIOSH Manual of Analytical Method, 4th ed., NMAM, method 0500 Issue 2, 1994 (Include sampling)	OSHA	Rayong
Total Hydrocarbon as Propane *	02:20 PM - 02:40 PM	ppm	-	0.33	0.70	No Standard	Total Hydrocarbon Analyzer	-	Rayong

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
OSHA : Occupational Safety and Health Administration
Sampled By : Prasanmit Kueanpet

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DSS Accreditation No. 0009.

Approved by
Thanita Kulsuriwong
Scientist (4)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 2635248
Date Received : May 27, 2026
Date Reported : Jun 05, 2026
Report Number : 3558267-1

Sample Number	2635248-2
Sampled Date	May 26, 2026
Sample Description	Air Quality
Location	Polymerization
Date Analysis Commenced	May 27, 2026
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one 10-L air sampling bag and one sorbent tube, refrigerated
Barometric Pressure	756 mmHg
Atmospheric Temperature	32.9 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Methane as Propane *	02:20 PM - 02:40 PM	ppm	-	0.33	0.73	No Standard	Total Hydrocarbon Analyzer	-	Rayong
Non Methane Hydrocarbon as Propane *	02:20 PM - 02:40 PM	ppm	-	0.33	0.53	No Standard	Total Hydrocarbon Analyzer	-	Rayong
[A] Styrene	02:20 PM - 04:20 PM	ppm	-	0.05	<0.05	100	In - house method : STM 04-032 based on NIOSH Manual of Analytical Methods, 4th ed., NMAM, method 1501, issue 3, 2003 (Include sampling)	MOL	Bangkok
Total Dust	02:20 PM - 04:20 PM	mg/m3	-	0.15	<0.15	15	In-house method : STM 02-022 based on NIOSH Manual of Analytical Method, 4th ed., NMAM, method 0500 Issue 2, 1994 (Include sampling)	OSHA	Rayong
Total Hydrocarbon as Propane *	02:20 PM - 02:40 PM	ppm	-	0.33	1.27	No Standard	Total Hydrocarbon Analyzer	-	Rayong

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
OSHA : Occupational Safety and Health Administration
Sampled By : Prasanmit Kueanpet

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 2635248
Date Received : May 27, 2026
Date Reported : Jun 05, 2026
Report Number : 3558267-1

Sample Number	2635248-3
Sampled Date	May 26, 2026
Sample Description	Air Quality
Location	Devolatization
Date Analysis Commenced	May 27, 2026
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one 10-L air sampling bag and one sorbent tube, refrigerated
Barometric Pressure	756 mmHg
Atmospheric Temperature	32.9 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Methane as Propane *	02:20 PM - 02:40 PM	ppm	-	0.33	0.73	No Standard	Total Hydrocarbon Analyzer	-	Rayong
Non Methane Hydrocarbon as Propane *	02:20 PM - 02:40 PM	ppm	-	0.33	<0.33	No Standard	Total Hydrocarbon Analyzer	-	Rayong
[A] Styrene	02:20 PM - 04:20 PM	ppm	-	0.05	<0.05	100	In - house method : STM 04-032 based on NIOSH Manual of Analytical Methods, 4th ed., NMAM, method 1501, issue 3, 2003 (Include sampling)	MOL	Bangkok
Total Dust	02:20 PM - 04:20 PM	mg/m3	-	0.15	<0.15	15	In-house method : STM 02-022 based on NIOSH Manual of Analytical Method, 4th ed., NMAM, method 0500 Issue 2, 1994 (Include sampling)	OSHA	Rayong
Total Hydrocarbon as Propane *	02:20 PM - 02:40 PM	ppm	-	0.33	0.73	No Standard	Total Hydrocarbon Analyzer	-	Rayong

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
OSHA : Occupational Safety and Health Administration
Sampled By : Prasanmit Kueanpet

Remark :
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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 2635248
Date Received : May 27, 2026
Date Reported : Jun 05, 2026
Report Number : 3558267-1

Sample Number	2635248-4
Sampled Date	May 26, 2026
Sample Description	Air Quality
Location	Finishing
Date Analysis Commenced	May 27, 2026
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one 10-L air sampling bag and one sorbent tube, refrigerated
Barometric Pressure	756 mmHg
Atmospheric Temperature	32.9 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Methane as Propane *	02:20 PM - 02:40 PM	ppm	-	0.33	0.70	No Standard	Total Hydrocarbon Analyzer	-	Rayong
Non Methane Hydrocarbon as Propane *	02:20 PM - 02:40 PM	ppm	-	0.33	0.43	No Standard	Total Hydrocarbon Analyzer	-	Rayong
[A] Styrene	02:20 PM - 04:20 PM	ppm	-	0.05	<0.05	100	In - house method : STM 04-032 based on NIOSH Manual of Analytical Methods, 4th ed., NMAM, method 1501, issue 3, 2003 (Include sampling)	MOL	Bangkok
Total Dust	02:20 PM - 04:20 PM	mg/m3	-	0.15	<0.15	15	In-house method : STM 02-022 based on NIOSH Manual of Analytical Method, 4th ed., NMAM, method 0500 Issue 2, 1994 (Include sampling)	OSHA	Rayong
Total Hydrocarbon as Propane *	02:20 PM - 02:40 PM	ppm	-	0.33	1.10	No Standard	Total Hydrocarbon Analyzer	-	Rayong

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
OSHA : Occupational Safety and Health Administration
Sampled By : Prasanmit Kueanpet

Remark :
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Approved by Thanita K.
Thanita Kulsuriwong
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 2635248
Date Received : May 27, 2026
Date Reported : Jun 05, 2026
Report Number : 3558267-1

Sample Number	2635248-5
Sampled Date	May 26, 2026
Sample Description	Air Quality
Location	Packaging
Date Analysis Commenced	May 27, 2026
Condition of Sample	Drawn into one filter paper placed in plastic cassette, one 10-L air sampling bag and one sorbent tube, refrigerated
Barometric Pressure	756 mmHg
Atmospheric Temperature	32.9 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Methane as Propane *	02:20 PM - 02:40 PM	ppm	-	0.33	0.70	No Standard	Total Hydrocarbon Analyzer	-	Rayong
Non Methane Hydrocarbon as Propane *	02:20 PM - 02:40 PM	ppm	-	0.33	0.43	No Standard	Total Hydrocarbon Analyzer	-	Rayong
[A] Styrene	02:20 PM - 04:20 PM	ppm	-	0.05	<0.05	100	In - house method : STM 04-032 based on NIOSH Manual of Analytical Methods, 4th ed., NMAM, method 1501, issue 3, 2003 (Include sampling)	MOL	Bangkok
Total Dust	02:20 PM - 04:20 PM	mg/m3	-	0.15	<0.15	15	In-house method : STM 02-022 based on NIOSH Manual of Analytical Method, 4th ed., NMAM, method 0500 Issue 2, 1994 (Include sampling)	OSHA	Rayong
Total Hydrocarbon as Propane *	02:20 PM - 02:40 PM	ppm	-	0.33	1.13	No Standard	Total Hydrocarbon Analyzer	-	Rayong

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
OSHA : Occupational Safety and Health Administration
Sampled By : Prasanmit Kueanpet

Remark :
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Thanita Kulsuriwong
Scientist (4)

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ภาคผนวก ค-7

ระดับเสียงในสถานที่ทำงาน

Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O :
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261774
Date Received : Jan 20, 2026
Date Reported : Jan 26, 2026
Report Number: 3495531-1

Sample Number 261774-1
Parameter Noise (Leq 8 hrs.)
Location MRU
Measurement Date Jan 19, 2026
Measurement by Anuwet Tema

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:18 AM - 12:18 PM	80.0	84.2	78.7
12:18 PM - 01:18 PM	81.1	87.6	79.2
01:18 PM - 02:18 PM	79.3	81.6	78.9
02:18 PM - 03:18 PM	79.6	81.7	79.2
03:18 PM - 04:18 PM	80.3	82.9	79.6
04:18 PM - 05:18 PM	81.3	84.0	81.1
05:18 PM - 06:18 PM	81.5	83.4	81.3
06:18 PM - 07:18 PM	81.1	83.1	80.6
Leq Average 8 hrs. (dB(A))	80.6		
Lmax (dB(A))		87.6	
Standard (dB(A))	90	140	

Reference Method : ISO 1996-1 : 2016
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

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Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O :
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261774
Date Received : Jan 20, 2026
Date Reported : Jan 26, 2026
Report Number: 3495532-1

Sample Number 261774-2
Parameter Noise (Leq 8 hrs.)
Location Transfer Blower
Measurement Date Jan 19, 2026
Measurement by Anuwet Tema

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:30 AM - 12:30 PM	78.9	81.3	78.5
12:30 PM - 01:30 PM	83.6	86.8	78.6
01:30 PM - 02:30 PM	85.5	86.5	85.3
02:30 PM - 03:30 PM	85.5	86.4	85.4
03:30 PM - 04:30 PM	85.5	86.5	85.3
04:30 PM - 05:30 PM	85.7	88.1	85.5
05:30 PM - 06:30 PM	85.6	87.2	85.6
06:30 PM - 07:30 PM	79.5	81.7	79.0
Leq Average 8 hrs. (dB(A))	84.4		
Lmax (dB(A))		88.1	
Standard (dB(A))	90	140	

Reference Method : ISO 1996-1 : 2016
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O :
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261774
Date Received : Jan 20, 2026
Date Reported : Jan 26, 2026
Report Number: 3495533-1

Sample Number 261774-3
Parameter Noise (Leq 8 hrs.)
Location Emergency Generator
Measurement Date Jan 19, 2026
Measurement by Anuwet Tema

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:38 AM - 12:38 PM	83.0	86.2	81.2
12:38 PM - 01:38 PM	84.8	89.6	82.7
01:38 PM - 02:38 PM	85.4	87.5	82.1
02:38 PM - 03:38 PM	85.1	88.2	82.2
03:38 PM - 04:38 PM	85.8	87.9	82.6
04:38 PM - 05:38 PM	83.6	87.2	81.8
05:38 PM - 06:38 PM	82.9	85.1	81.7
06:38 PM - 07:38 PM	82.5	85.2	81.4
Leq Average 8 hrs. (dB(A))	84.3		
Lmax (dB(A))		89.6	
Standard (dB(A))	90	140	

Reference Method : ISO 1996-1 : 2016
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

Technical Management Chonticha Subongkoch, Scientist (3)
Approved by Supot Salamteh, Section Head

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Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O :
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 261774
Date Received : Jan 20, 2026
Date Reported : Jan 26, 2026
Report Number: 3495534-1

Sample Number 261774-4
Parameter Noise (Leq 8 hrs.)
Location Pelletizer
Measurement Date Jan 19, 2026
Measurement by Anuwet Tema

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:45 AM - 12:45 PM	88.6	89.4	88.4
12:45 PM - 01:45 PM	88.8	89.5	88.6
01:45 PM - 02:45 PM	88.8	90.2	88.6
02:45 PM - 03:45 PM	88.8	89.4	88.6
03:45 PM - 04:45 PM	88.9	89.9	88.7
04:45 PM - 05:45 PM	88.8	94.3	88.6
05:45 PM - 06:45 PM	88.8	89.8	88.7
06:45 PM - 07:45 PM	88.8	89.4	88.6
Leq Average 8 hrs. (dB(A))	88.8		
Lmax (dB(A))		94.3	
Standard (dB(A))	90	140	

Reference Method : ISO 1996-1 : 2016
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

Technical Management Chonticha Subongkoch, Scientist (3)
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Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 2635260
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3585960-1

Sample Number 2635260-1
Parameter Noise (Leq 8 hrs.)
Location MRU
Measurement Date May 26, 2026
Measurement by Prasanmit Kueanpet

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:04 PM - 03:04 PM	83.2	85.7	82.3
03:04 PM - 04:04 PM	82.9	86.6	82.1
04:04 PM - 05:04 PM	83.3	85.5	82.6
05:04 PM - 06:04 PM	83.6	85.6	82.9
06:04 PM - 07:04 PM	83.7	85.8	83.0
07:04 PM - 08:04 PM	83.6	85.9	83.0
08:04 PM - 09:04 PM	83.6	86.3	83.1
09:04 PM - 10:04 PM	83.6	86.5	83.0
Leq Average 8 hrs. (dB(A))	83.4		
Lmax (dB(A))		86.6	
Standard (dB(A))	90	140	

Reference Method : ISO 1996-1 : 2016
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 2635260
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3585961-1

Sample Number 2635260-2
Parameter Noise (Leq 8 hrs.)
Location Transfer Blower
Measurement Date May 26, 2026
Measurement by Prasanmit Kueanpet

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:31 PM - 03:31 PM	84.5	86.9	84.2
03:31 PM - 04:31 PM	86.5	87.1	86.4
04:31 PM - 05:31 PM	86.5	87.1	86.5
05:31 PM - 06:31 PM	86.6	87.1	86.5
06:31 PM - 07:31 PM	86.6	87.1	86.6
07:31 PM - 08:31 PM	86.6	87.1	86.6
08:31 PM - 09:31 PM	86.7	87.3	86.6
09:31 PM - 10:31 PM	77.5	86.9	76.8
Leq Average 8 hrs. (dB(A))	85.8		
Lmax (dB(A))		87.3	
Standard (dB(A))	90	140	

Reference Method : ISO 1996-1 : 2016
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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Technical Management Chontichak
Chonticha Subongkoch
Scientist (3)

Approved by Supot S.
Supot Salamteh
Section Head

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Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 2635260
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3585962-1

Sample Number	2635260-3
Parameter	Noise (Leq 8 hrs.)
Location	Emergency Generator
Measurement Date	May 26, 2026
Measurement by	Prasanmit Kueanpet

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:36 PM - 03:36 PM	83.9	86.9	81.7
03:36 PM - 04:36 PM	83.2	86.3	81.4
04:36 PM - 05:36 PM	82.9	86.2	80.0
05:36 PM - 06:36 PM	82.0	86.1	80.2
06:36 PM - 07:36 PM	81.2	85.5	79.9
07:36 PM - 08:36 PM	80.9	84.9	79.9
08:36 PM - 09:36 PM	81.1	85.2	79.7
09:36 PM - 10:36 PM	79.8	85.2	77.8
Leq Average 8 hrs. (dB(A))	82.1		
Lmax (dB(A))		86.9	
Standard (dB(A))	90	140	

Reference Method : ISO 1996-1 : 2016
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

Technical Management Chontichak
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Approved by Supot S.
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Section Head

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Analysis / Test Report

Client : Siam Polystyrene Co., Ltd.
8, Map Ta Phut Industrial Estate, I-4 Road, Map ta phut, Muang, Rayong Thailand 21150
P/O : 4518318522
Project Name : Environmental Quality Monitoring
Project Location : Map Ta Phut_PS (SPCL)

Lot ID: 2635260
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3585963-1

Sample Number	2635260-4
Parameter	Noise (Leq 8 hrs.)
Location	Pelletizer
Measurement Date	May 26, 2026
Measurement by	Prasanmit Kueanpet

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:03 PM - 05:03 PM	87.5	88.9	87.3
05:03 PM - 06:03 PM	87.3	88.0	87.2
06:03 PM - 07:03 PM	87.4	88.5	87.2
07:03 PM - 08:03 PM	87.4	87.9	87.3
08:03 PM - 09:03 PM	87.5	88.5	87.3
09:03 PM - 10:03 PM	87.6	88.6	87.4
10:03 PM - 11:03 PM	87.4	88.1	87.3
11:03 PM - 12:03 AM	87.5	88.2	87.4
Leq Average 8 hrs. (dB(A))	87.5		
Lmax (dB(A))		88.9	
Standard (dB(A))	90	140	

Reference Method : ISO 1996-1 : 2016
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

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7781-31/ EMAIL S:\Reports_Air Noise.rpt (10:04AM)