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511/5-6 ซอยประชาอุทิศ 117/1 ถนนประชาอุทิศ แขวงทุ่งครุ เขตทุ่งครุ กรุงเทพฯ 10140
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WASTEWATER ANALYSIS REPORT

Analysis No.- 0599/68

Page 1/1

CLIENT NAME : MC SIAM LOGISTICS CO., LTD.

ADDRESS : 157/1 Moo 2, Suksawad Rd., Bangjark, Prapadaeng, Samutprakarn 10130

SAMPLING SOURCE : Effluents of A-Area, B-Area, C-Area, D-Area and F-Area

SAMPLING TYPE : Effluent

SAMPLING DATE : July 14, 2025

RECEIVED DATE : July 14, 2025

SAMPLING TIME : 09.10 AM

ANALYTICAL DATE : July 14 – 25, 2025

SAMPLING BY : Mr. Phoowis Kengkla Reg. No. 3-325-จ-0007

REPORT DATE : July 25, 2025

SAMPLING METHOD : GRAB

REPORT NO. : MN-MCS 7/68

Parameter	Unit	Analysis method	Effluent					Effluent Standard*
			A-Area 0599/68 A-Area	B-Area 0599/68 B-Area	C-Area 0599/68 C-Area	D-Area 0599/68 D-Area	F-Area 0599/68 F-Area	
1. pH	--	In-house method: Tm-CCL-7.2-001 based on SM, part 4500-H ⁺ B	8.2 (at 26.1°C)	8.1 (at 26.2°C)	8.1 (at 25.5°C)	8.1 (at 25.4°C)	8.0 (at 25.4°C)	5.5 - 9.0
2. TSS	mg/L	Dried from 103 to 105°C (SM, 2540 D)	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	≤ 50
3. TDS	mg/L	Dried at 180°C (SM, 2540 C)	136	120	136	334	128	≤ 3,000
4. BOD ₅	mg/L	5-Day BOD Test, Membrane Electrode Method (SM, 4500-O G and 5210 B)	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	≤ 20
5. COD	mg/L	Closed Reflux, Titrimetric Method (SM, 5220 C)	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	≤ 120
6. Oil & Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM, 5520 B)	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	≤ 5
Sample condition								
Water's Color/Turbidity			Colorless/ Clear	Colorless/ Clear	Colorless/ Clear	Colorless/ Clear	Colorless/ Clear	
Sediment			-	-	-	-	-	

NOTE : SM : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023.

* The Standard of Ministry Industry (B.E.2560).

Reviewed by Hathaikarn S. Miss Hathaikarn Seangthong Analyst Reg. No. 3-325-จ-0008	Approved by Lumpoung Pongpa. Miss Lumpoung Pongpa Technical manager Reg. No. 3-325-จ-0001
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- The above results are valid only for the analyzed/ tested sample(s) as indicated in this report.
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F-CCL-7.8-001R4 (1/10/65)



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Analytical Laboratory Registration Number : 7-325

WASTEWATER ANALYSIS REPORT

Analysis No.- 0720/68

Page 1/1

CLIENT NAME : MC SIAM LOGISTICS CO., LTD.
ADDRESS : 157/1 Moo 2, Suksawad Rd., Bangjark, Prapadaeng, Samutprakarn 10130
SAMPLING SOURCE : Effluents of A-Area, B-Area, C-Area, D-Area and F-Area
SAMPLING TYPE : Effluent
SAMPLING DATE : August 14, 2025 **RECEIVED DATE** : August 14, 2025
SAMPLING TIME : 08.55 AM **ANALYTICAL DATE** : August 14-22, 2025
SAMPLING BY : Mr. Phoowis Kengkla Reg. No.7-325-0-0007 **REPORT DATE** : August 22, 2025
SAMPLING METHOD : GRAB **REPORT NO.** : MN-MCS 8/68

Parameter	Unit	Analysis method	Effluent					Effluent Standard*
			A-Area 0720/68 A-Area	B-Area 0720/68 B-Area	C-Area 0720/68 C-Area	D-Area 0720/68 D-Area	F-Area 0720/68 F-Area	
1. pH	--	In-house method: Tm-CCL-7.2-001 based on SM, part 4500-H ⁺ B	7.7 (at 26.6° C)	7.8 (at 26.4° C)	7.8 (at 26.4° C)	7.8 (at 25.8° C)	7.9 (at 25.6° C)	5.5 - 9.0
2. TSS	mg/L	Dried from 103 to 105°C (SM, 2540 D)	< 2.50	< 2.50	< 2.50	4.80	< 2.50	≤ 50
3. TDS	mg/L	Dried at 180°C (SM, 2540 C)	182	162	142	176	130	≤ 3,000
4. BOD ₅	mg/L	5-Day BOD Test, Membrane Electrode Method (SM, 4500-O G and 5210 B)	7.03	< 2.00	< 2.00	2.97	< 2.00	≤ 20
5. COD	mg/L	Closed Reflux, Titrimetric Method (SM, 5220 C)	43.1	< 40.0	< 40.0	< 40.0	< 40.0	≤ 120
6. Oil & Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM, 5520 B)	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	≤ 5
Sample condition								
Water's Color/Turbidity			Colorless/ Clear	Colorless/ Clear	Colorless/ Clear	Colorless/ Clear	Colorless/ Clear	
Sediment			-	-	-	-	-	

NOTE : SM : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023.

* The Standard of Ministry Industry (B.E.2560).

Reviewed by <u>Hathaikarn S.</u> Miss Hathaikarn Seangthong Analyst Reg. No. 7-325-0-0008		Approved by <u>Lumpoung Pongpa.</u> Miss Lumpoung Pongpa Technical manager Reg. No. 7-325-0-0001
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Analytical Laboratory Registration Number : 3-325

WASTEWATER ANALYSIS REPORT

Analysis No.- 0837/68

Page 1/1

CLIENT NAME : MC SIAM LOGISTICS CO., LTD.

ADDRESS : 157/1 Moo 2, Suksawad Rd., Bangjark, Prapadaeng, Samutprakarn 10130

SAMPLING SOURCE : Effluents of A-Area, B-Area, C-Area, D-Area and F-Area

SAMPLING TYPE : Effluent

SAMPLING DATE : September 10, 2025

RECEIVED DATE : September 10, 2025

SAMPLING TIME : 09.15 AM

ANALYTICAL DATE : September 10 - 18, 2025

SAMPLING BY : Mr. Prasit Yoopoon Reg. No. 3-325-3-0003

REPORT DATE : September 18, 2025

SAMPLING METHOD : GRAB

REPORT NO. : MN-MCS 9/68

Parameter	Unit	Analysis method	Effluent					Effluent Standard*
			A-Area 0837/68 A-Area	B-Area 0837/68 B-Area	C-Area 0837/68 C-Area	D-Area 0837/68 D-Area	F-Area 0837/68 F-Area	
1. pH	--	In-house method: Tm-CCL-7.2-001 based on SM, part 4500-H ⁺ B	6.7 (at 24.0°C)	6.9 (at 24.0°C)	6.9 (at 23.7°C)	7.3 (at 23.7°C)	7.4 (at 23.8°C)	5.5 - 9.0
2. TSS	mg/L	Dried from 103 to 105°C (SM, 2540 D)	< 2.50	3.91	< 2.50	< 2.50	< 2.50	≤ 50
3. TDS	mg/L	Dried at 180°C (SM, 2540 C)	118	144	134	212	114	≤ 3,000
4. BOD ₅	mg/L	5-Day BOD Test, Membrane Electrode Method (SM, 4500-O G and 5210 B)	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	≤ 20
5. COD	mg/L	Closed Reflux, Titrimetric Method (SM, 5220 C)	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	≤ 120
6. Oil & Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM, 5520 B)	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	≤ 5
Sample condition								
Water's Color/Turbidity			Colorless/ Clear	Colorless/ Clear	Colorless/ Clear	Colorless/ Clear	Colorless/ Clear	
Sediment			-	-	-	-	-	

NOTE : SM : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023.

* The Standard of Ministry Industry (B.E.2560).

Reviewed by Hathairkarn S. Miss Hathairkarn Seangthong Analyst Reg. No. 3-325-3-0008	Approved by Lumpung Pongpa. Miss Lumpoung Pongpa Technical manager Reg. No. 3-325-3-0001
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Analytical Laboratory Registration Number : 3-325

WASTEWATER ANALYSIS REPORT

Analysis No.- 0966/68

Page 1/1

CLIENT NAME : MC SIAM LOGISTICS CO., LTD.

ADDRESS : 157/1 Moo 2, Suksawad Rd., Bangjark, Prapradaeng, Samutprakarn 10130

SAMPLING SOURCE : Effluents of A-Area, B-Area, C-Area, D-Area and F-Area

SAMPLING TYPE : Effluent

SAMPLING DATE : October 14, 2025

RECEIVED DATE : October 14, 2025

SAMPLING TIME : 08.55 AM

ANALYTICAL DATE : October 14 – 24, 2025

SAMPLING BY : Mr. Prasit Yoopoon Reg. No. 3-325-3-0003

REPORT DATE : October 24, 2025

SAMPLING METHOD : GRAB

REPORT NO. : MN-MCS 10/68

Parameter	Unit	Analysis method	Effluent					Effluent Standard*
			A-Area 0966/68 A-Area	B-Area 0966/68 B-Area	C-Area 0966/68 C-Area	D-Area 0966/68 D-Area	F-Area 0966/68 F-Area	
1. pH	--	In-house method: Tm-CCL-7.2-001 based on SM, part 4500-H ⁺ B	7.0 (at 23.8°C)	7.3 (at 23.9°C)	8.1 (at 23.9°C)	7.9 (at 25.1°C)	8.0 (at 25.2°C)	5.5 - 9.0
2. TSS	mg/L	Dried from 103 to 105°C (SM, 2540 D)	< 2.50	< 2.50	2.91	< 2.50	< 2.50	≤ 50
3. TDS	mg/L	Dried at 180°C (SM, 2540 C)	130	124	810	198	120	≤ 3,000
4. BOD ₅	mg/L	5-Day BOD Test, Membrane Electrode Method (SM, 4500-O G and 5210 B)	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	≤ 20
5. COD	mg/L	Closed Reflux, Titrimetric Method (SM, 5220 C)	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	≤ 120
6. Oil & Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM, 5520 B)	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	≤ 5
Sample condition								
Water's Color/Turbidity			Colorless/ Clear	Colorless/ Clear	Colorless/ Clear	Colorless/ Clear	Colorless/ Clear	
Sediment			-	-	-	-	-	

NOTE : SM : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023.

* The Standard of Ministry Industry (B.E.2560).

Reviewed by <u>Hathaikarn S.</u> Miss Hathaikarn Seangthong Analyst Reg. No. 3-325-3-0008	Approved by <u>Lumpoung Pongpa.</u> Miss Lumpoung Pongpa Technical manager Reg. No. 3-325-3-0001
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Analytical Laboratory Registration Number : ๓-325

WASTEWATER ANALYSIS REPORT

Analysis No.- 1061/68

Page 1/1

CLIENT NAME : MC SIAM LOGISTICS CO., LTD.

ADDRESS : 157/1 Moo 2, Suksawad Rd., Bangjark, Prapadaeng, Samutprakarn 10130

SAMPLING SOURCE : Effluents of A-Area, B-Area, C-Area, D-Area and F-Area

SAMPLING TYPE : Effluent

SAMPLING DATE : November 13, 2025

RECEIVED DATE : November 13, 2025

SAMPLING TIME : 09.00 AM

ANALYTICAL DATE : November 13 – 22, 2025

SAMPLING BY : Mr. Prasit Yoopoon Reg. No. ๓-325-๓-0003

REPORT DATE : November 22, 2025

SAMPLING METHOD : GRAB

REPORT NO. : MN-MCS 11/68

Parameter	Unit	Analysis method	Effluent					Effluent Standard*
			A-Area 1061/68 A-Area	B-Area 1061/68 B-Area	C-Area 1061/68 C-Area	D-Area 1061/68 D-Area	F-Area 1061/68 F-Area	
1. pH	--	In-house method: Tm-CCL-7.2-001 based on SM, part 4500-H ⁺ B	6.6 (at 24.1°C)	6.4 (at 24.3°C)	7.0 (at 23.6°C)	8.3 (at 26.0°C)	8.1 (at 25.4°C)	5.5 - 9.0
2. TSS	mg/L	Dried from 103 to 105°C (SM, 2540 D)	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	≤ 50
3. TDS	mg/L	Dried at 180°C (SM, 2540 C)	186	140	134	176	112	≤ 3,000
4. BOD ₅	mg/L	5-Day BOD Test, Membrane Electrode Method (SM, 4500-O G and 5210 B)	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	≤ 20
5. COD	mg/L	Closed Reflux, Titrimetric Method (SM, 5220 C)	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	≤ 120
6. Oil & Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM, 5520 B)	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	≤ 5
Sample condition								
Water's Color/Turbidity			Colorless/ Clear	Colorless/ Clear	Colorless/ Clear	Colorless/ Clear	Colorless/ Clear	
Sediment			-	-	-	-	-	

NOTE : SM : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023.

* The Standard of Ministry Industry (B.E.2560).

Reviewed by <u>Hathai Karn S.</u> Miss Hathai Karn Seangthong Analyst Reg. No. ๓-325-๓-0008	Approved by <u>Lumpoung Pongpa.</u> Miss Lumpoung Pongpa Technical manager Reg. No. ๓-325-๓-0001
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Analytical Laboratory Registration Number : 3-325

WASTEWATER ANALYSIS REPORT

Analysis No.- 1155/68

Page 1/1

CLIENT NAME : MC SIAM LOGISTICS CO., LTD.

ADDRESS : 157/1 Moo 2, Suksawad Rd., Bangjark, Prapadaeng, Samutprakarn 10130

SAMPLING SOURCE : Effluents of A-Area, B-Area, C-Area, D-Area and F-Area

SAMPLING TYPE : Effluent

SAMPLING DATE : December 9, 2025

RECEIVED DATE : December 9, 2025

SAMPLING TIME : 14.05 AM

ANALYTICAL DATE : December 9 – 19, 2025

SAMPLING BY : Miss Hathaikarn Seangthong

REPORT DATE : December 19, 2025

Reg. No. 3-325-ก-0008

SAMPLING METHOD : GRAB

REPORT NO. : MN-MCS 12/68

Parameter	Unit	Analysis method	Effluent					Effluent Standard*
			A-Area 1155/68 A-Area	B-Area 1155/68 B-Area	C-Area 1155/68 C-Area	D-Area 1155/68 D-Area	F-Area 1155/68 F-Area	
1. pH	--	In-house method: Tm-CCL-7.2-001 based on SM, part 4500-H ⁺ B	8.3 (at 23.8°C)	8.3 (at 23.9°C)	8.0 (at 23.7°C)	8.0 (at 24.3°C)	8.0 (at 24.3°C)	5.5 - 9.0
2. TSS	mg/L	Dried from 103 to 105°C (SM, 2540 D)	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	≤ 50
3. TDS	mg/L	Dried at 180°C (SM, 2540 C)	148	150	154	170	134	≤ 3,000
4. BOD ₅	mg/L	5-Day BOD Test, Membrane Electrode Method (SM, 4500-O G and 5210 B)	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	≤ 20
5. COD	mg/L	Closed Reflux, Titrimetric Method (SM, 5220 C)	< 40.0	< 40.0	< 40.0	< 40.0	< 40.0	≤ 120
6. Oil & Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM, 5520 B)	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	≤ 5
Sample condition								
Water's Color/Turbidity			Colorless/ Clear	Colorless/ Clear	Colorless/ Clear	Colorless/ Clear	Colorless/ Clear	
Sediment			-	-	-	-	-	

NOTE : SM : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023.

* The Standard of Ministry Industry (B.E.2560).

Reviewed by

Hathaikarn S.

Miss Hathaikarn Seangthong
Analyst

Reg. No. 3-325-ก-0008



Approved by

Lumpoung Pongpa.

Miss Lumpoung Pongpa
Technical manager

Reg. No. 3-325-ก-0001

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