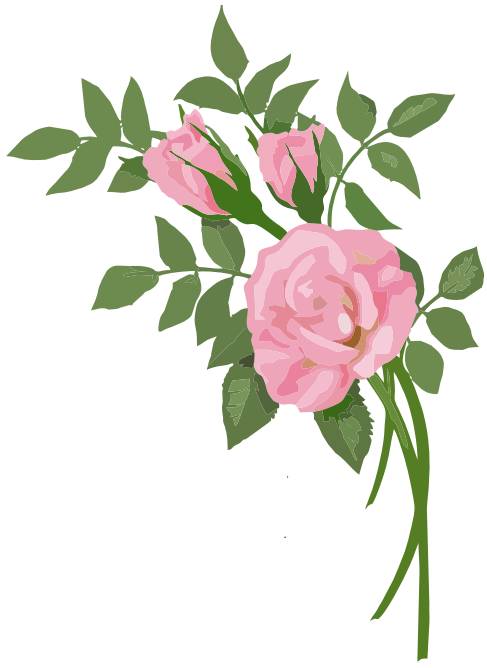
ภาคผนวก ค

เอกสารประกอบมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม



ภาคผนวก ค-1
ผลการตรวจวัดคุณภาพน้ำทิ้ง



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NSC -TISI -TIS 17025
TESTING 0207
LABORATORY ACCREDITATION
TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : MARCH 26, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : MARCH 26, 2025
ANALYTICAL DATE : MARCH 26 - APRIL 2, 2025
ISSUE DATE : APRIL 3, 2025
REPORT NO. : 2025-U028769
WORK NO. : 2025-001366
ANALYSIS NO. : T25AG558-0001 - T25AG558-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 15:30 HOUR 1/ T25AG558-0001	2 15:35 HOUR 1/ T25AG558-0002			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.7 (30.9°C)	7.7 (31.2°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	50.1	41.2	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	80.1	68.7	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	308	329	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 0.50	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN[b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	78.1	74.7	≤ 35	1.5	5.0

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TESTING 0207
LABORATORY ACCREDITATION BLA-DSS
TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 15:30 HOUR 1/ T25AG558-0001	2 15:35 HOUR 1/ T25AG558-0002			
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	3	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/TURBID BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวบรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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2025-U028769

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NSC -TISI -TIS 17025 TESTING 0207

LABORATORY ACCREDITATION B.L.A-0155 TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MARCH 26, 2025
SAMPLING TIME : 15:20 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : MARCH 26, 2025
ANALYTICAL DATE : MARCH 26 - APRIL 1, 2025
ISSUE DATE : APRIL 3, 2025
REPORT NO. : 2025-U028770
WORK NO. : 2025-001366
ANALYSIS NO. : T25AG558-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ปอพักน้ำสุดท้ายก่อนระบายลงสู่คลองสำโรง T25AG558-0003	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.7 (30.3°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	11.7	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	21.7	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	514	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500 -S^{2-} F)	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN[b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	40.0	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	≤ 20	-	3
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID			
SEDIMENT			BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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NSC -TISI -TIS 17025 TESTING 0207
LABORATORY ACCREDITATION BI.A-DSS TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : APRIL 29, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : APRIL 29, 2025
ANALYTICAL DATE : APRIL 29 - MAY 7, 2025
ISSUE DATE : MAY 8, 2025
REPORT NO. : 2025-U039877
WORK NO. : 2025-001366
ANALYSIS NO. : T25AJ150-0001 - T25AJ150-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 14:20 HOUR 1/ T25AJ150-0001	2 14:10 HOUR 1/ T25AJ150-0002			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	8.1 (32.7°C)	8.2 (33.9°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	77.4	12.2	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	55.3	50.3	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	383	382	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	0.57	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN[b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	67.2	64.5	≤ 35	1.5	5.0

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TESTING 0207
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No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 14:20 HOUR 1/ T25AJ150-0001	2 14:10 HOUR 1/ T25AJ150-0002			
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	5	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/TURBID BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวบรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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NSC -TISI -TIS 17025 TESTING 0207

TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : APRIL 29, 2025
SAMPLING TIME : 14:30 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : APRIL 29, 2025
ANALYTICAL DATE : APRIL 29 - MAY 7, 2025
ISSUE DATE : MAY 8, 2025
REPORT NO. : 2025-U039878
WORK NO. : 2025-001366
ANALYSIS NO. : T25AJ150-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT บ่อพักน้ำสุดท้ายก่อนระบายลงสู่คลองสำโรง T25AJ150-0003	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.9 (30.6°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	12.4	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	11.3	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	500	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500 -S^{2-} F)	0.53	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN[b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	42.5	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	≤ 20	-	3
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/CLEAR			
SEDIMENT			BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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UNITED ANALYST AND ENGINEERING CONSULTANT COMPANY LIMITED

NSC - TISI - TIS 17025
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TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : MAY 28, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : MAY 28, 2025
ANALYTICAL DATE : MAY 28 - JUNE 5, 2025
ISSUE DATE : JUNE 9, 2025
REPORT NO. : 2025-U050624
WORK NO. : 2025-001366
ANALYSIS NO. : T25AL476-0001 - T25AL476-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 13:25 HOUR 1/ T25AL476-0001	2 13:20 HOUR 1/ T25AL476-0002			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.7 (31.4°C)	7.8 (31.7°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	47.8	37.8	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	69.2	70.1	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	386	383	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 0.50	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN[b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	75.1	73.8	≤ 35	1.5	5.0

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LABORATORY ACCREDITATION BLA-DSS TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 13:25 HOUR 1/ T25AL476-0001	2 13:20 HOUR 1/ T25AL476-0002			
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	4	4	≤ 20	-	3
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/TURBID	YELLOW/TURBID			
SEDIMENT			BROWN	BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวบรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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LABORATORY SUPERVISOR

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NSC -TISI -TIS 17025 TESTING 0207

LABORATORY ACCREDITATION BLA-DSS TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MAY 28, 2025
SAMPLING TIME : 13:30 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : MAY 28, 2025
ANALYTICAL DATE : MAY 28 - JUNE 5, 2025
ISSUE DATE : JUNE 9, 2025
REPORT NO. : 2025-U050625
WORK NO. : 2025-001366
ANALYSIS NO. : T25AL476-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT บ่อพักน้ำสุดท้ายก่อนระบายลงสู่คลองสำโรง T25AL476-0003	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.5 (29.7°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	12.0	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	26.0	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	331	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500 -S^{2-} F)	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN[b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	23.8	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	≤ 20	-	3
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID			
SEDIMENT			BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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LABORATORY SUPERVISOR

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NSC -TISI -TIS 17025
TESTING 0207
LABORATORY ACCREDITATION BLA-DSS
TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 06 2192 3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : JUNE 25, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : JUNE 25, 2025
ANALYTICAL DATE : JUNE 25 - JULY 2, 2025
ISSUE DATE : JULY 3, 2025
REPORT NO. : 2025-U060977
WORK NO. : 2025-001366
ANALYSIS NO. : T25AO044-0001 - T25AO044-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 13:25 HOUR 1/ T25AO044-0001	2 13:20 HOUR 1/ T25AO044-0002			
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.8 (32.8°C)	7.8 (32.8°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	180	50.1	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	76.8	74.2	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	358	351	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 0.50	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN[b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	68.4	67.3	≤ 35	1.5	5.0

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NSC -TISI -TIS 17025 TESTING 0207
LABORATORY ACCREDITATION BLA-DSS TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 13:25 HOUR 1/ T25A0044-0001	2 13:20 HOUR 1/ T25A0044-0002			
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	4	< 3	≤ 20	-	3
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/TURBID	YELLOW/TURBID			
SEDIMENT			BROWN	BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

RESULT 1 : จุดรวบรวมน้ำเสียเข้าระบบบำบัดน้ำเสีย

RESULT 2 : จุดระบายน้ำออกจากระบบบำบัดน้ำเสีย

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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LABORATORY SUPERVISOR

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2025-U060977

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NSC -TISI -TIS 17025 TESTING 0207

LABORATORY ACCREDITATION BI.A-DSS TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 06 2192 3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JUNE 25, 2025
SAMPLING TIME : 13:15 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : JUNE 25, 2025
ANALYTICAL DATE : JUNE 25 - JULY 2, 2025
ISSUE DATE : JULY 3, 2025
REPORT NO. : 2025-U060978
WORK NO. : 2025-001366
ANALYSIS NO. : T25A0044-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ปอพักน้ำสุดท้ายก่อนระบายลงสู่คลองลำโรง T25A0044-0003	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	8.0 (31.9°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND[a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	63.4	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	31.5	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS[b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	426	≤ 1,000	-	25
SULPHIDE[b]	mg/L	IODOMETRIC METHOD (SM: PART 4500 -S^{2-} F)	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN[b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	41.3	≤ 35	1.5	5.0
OIL AND GREASE[a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	8	≤ 20	-	3
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID			
SEDIMENT			BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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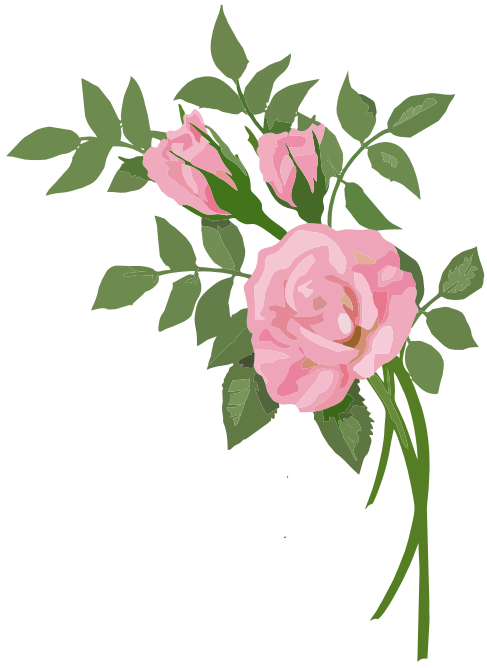
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UNITED ANALYST AND ENGINEERING CONSULTANT COMPANY LIMITED

TESTING
No.0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MARCH 26, 2025
SAMPLING TIME : 15:10 HOUR
SAMPLING METHOD [c] : GRAB
SAMPLING BY [c] :
ANALYZED BY :

RECEIVED DATE : MARCH 26, 2025
ANALYTICAL DATE : MARCH 26-31, 2025
ISSUE DATE : APRIL 4, 2025
REPORT NO. : 2025-U028771
WORK NO. : 2025-001366
ANALYSIS NO. : T25AG558-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T25AG558-0004		
pH[c]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	8.2 (30.2°C)	7.2-8.4	-
FREE CHLORINE[c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.2	0.6-1.0	0.1
MICROBIOLOGY					
COLIFORM BACTERIA[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA[c]	/100 mL	PRESENCE-ABSENCE (P-A) COLIFORM TEST (SM: PART 9221 D AND E)	NOT DETECTED	NOT DETECTED	-
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 COLOURLESS/CLEAR -		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

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ISO/IEC 17025
Accreditation No. 1349/65

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MARCH 26, 2025
SAMPLING TIME : 15:10 HOUR
SAMPLING METHOD * : GRAB
SAMPLING BY * :
ANALYZED BY :

RECEIVED DATE : MARCH 26, 2025
ANALYTICAL DATE : MARCH 26-30, 2025
ISSUE DATE : APRIL 4, 2025
REPORT NO. : 2025-U028772
WORK NO. : 2025-001366
ANALYSIS NO. : T25AG558-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SWIMMING POOL (SHALLOW ZONE) T25AG558-0004	
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 COLOURLESS/CLEAR -	

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* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

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TESTING
No.0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MARCH 26, 2025
SAMPLING TIME : 15:13 HOUR
SAMPLING METHOD [c] : GRAB
SAMPLING BY [c] :
ANALYZED BY :

RECEIVED DATE : MARCH 26, 2025
ANALYTICAL DATE : MARCH 26 - APRIL 1, 2025
ISSUE DATE : APRIL 4, 2025
REPORT NO. : 2025-U028773
WORK NO. : 2025-001366
ANALYSIS NO. : T25AG558-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T25AG558-0005		
pH[c]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	8.2 (30.0°C)	7.2-8.4	-
FREE CHLORINE[c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.2	0.6-1.0	0.1
MICROBIOLOGY					
COLIFORM BACTERIA[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)	16	< 10	1.1
FAECAL COLIFORM BACTERIA[c]	/100 mL	PRESENCE-ABSENCE (P-A) COLIFORM TEST (SM: PART 9221D AND E)	DETECTED	NOT DETECTED	-
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

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ISO/IEC 17025
Accreditation No. 1349/65

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MARCH 26, 2025
SAMPLING TIME : 15:13 HOUR
SAMPLING METHOD * : GRAB
SAMPLING BY * :
ANALYZED BY :

RECEIVED DATE : MARCH 26, 2025
ANALYTICAL DATE : MARCH 26-30, 2025
ISSUE DATE : APRIL 4, 2025
REPORT NO. : 2025-U028774
WORK NO. : 2025-001366
ANALYSIS NO. : T25AG558-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SWIMMING POOL (DEEP ZONE) T25AG558-0005	
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 COLOURLESS/CLEAR -	

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* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

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LABORATORY SUPERVISOR

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TESTING
No.0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : APRIL 29, 2025
SAMPLING TIME : 15:05 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] :
ANALYZED BY :

RECEIVED DATE : APRIL 29, 2025
ANALYTICAL DATE : APRIL 29 - MAY 7, 2025
ISSUE DATE : MAY 13, 2025
REPORT NO. : 2025-U040834
WORK NO. : 2025-001366
ANALYSIS NO. : T25AJ150-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T25AJ150-0004		
pH[c]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	8.7 (30.6°C)	7.2-8.4	-
FREE CHLORINE[c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.4	0.6-1.0	0.1
MICROBIOLOGY					
COLIFORM BACTERIA[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA[c]	/100 mL	PRESENCE-ABSENCE (P-A) COLIFORM TEST (SM: PART 9221 D AND E)	NOT DETECTED	NOT DETECTED	-
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

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ISO/IEC 17025
Accreditation No. 1349/65

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : APRIL 29, 2025
SAMPLING TIME : 15:05 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :

RECEIVED DATE : APRIL 29, 2025
ANALYTICAL DATE : APRIL 29 - MAY 2, 2025
ISSUE DATE : MAY 13, 2025
REPORT NO. : 2025-U040835
WORK NO. : 2025-001366
ANALYSIS NO. : T25AJ150-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SWIMMING POOL (SHALLOW ZONE) T25AJ150-0004	
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -	

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* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

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TESTING No.0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : APRIL 29, 2025
SAMPLING TIME : 15:00 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] :
ANALYZED BY :

RECEIVED DATE : APRIL 29, 2025
ANALYTICAL DATE : APRIL 29 - MAY 7, 2025
ISSUE DATE : MAY 13, 2025
REPORT NO. : 2025-U040838
WORK NO. : 2025-001366
ANALYSIS NO. : T25AJ150-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T25AJ150-0005		
pH[c]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	8.6 (30.9°C)	7.2-8.4	-
FREE CHLORINE[c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.4	0.6-1.0	0.1
MICROBIOLOGY					
COLIFORM BACTERIA[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA[c]	/100 mL	PRESENCE-ABSENCE (P-A) COLIFORM TEST (SM: PART 9221 D AND E)	NOT DETECTED	NOT DETECTED	-
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
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SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

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CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : APRIL 29, 2025
SAMPLING TIME : 15:00 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :

RECEIVED DATE : APRIL 29, 2025
ANALYTICAL DATE : APRIL 29 - MAY 2, 2025
ISSUE DATE : MAY 13, 2025
REPORT NO. : 2025-U040839
WORK NO. : 2025-001366
ANALYSIS NO. : T25AJ150-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SWIMMING POOL (DEEP ZONE) T25AJ150-0005	
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

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No.0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
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CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MAY 28, 2025
SAMPLING TIME : 13:15 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] :
ANALYZED BY :

RECEIVED DATE : MAY 28, 2025
ANALYTICAL DATE : MAY 28 - JUNE 5, 2025
ISSUE DATE : JUNE 10, 2025
REPORT NO. : 2025-U050626
WORK NO. : 2025-001366
ANALYSIS NO. : T25AL476-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T25AL476-0004		
pH[c]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.7 (30.3°C)	7.2-8.4	-
FREE CHLORINE[c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.6	0.6-1.0	0.1
MICROBIOLOGY					
TOTALCOLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA[c]	/100 mL	PRESENCE-ABSENCE (P-A) COLIFORM TEST (SM: PART 9221 D AND E)	NOT DETECTED	NOT DETECTED	-
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

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ANALYSIS REPORT

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CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MAY 28, 2025
SAMPLING TIME : 13:15 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :

RECEIVED DATE : MAY 28, 2025
ANALYTICAL DATE : MAY 28 - JUNE 1, 2025
ISSUE DATE : JUNE 10, 2025
REPORT NO. : 2025-U050627
WORK NO. : 2025-001366
ANALYSIS NO. : T25AL476-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SWIMMING POOL (SHALLOW ZONE) T25AL476-0004	
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR	

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No.0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MAY 28, 2025
SAMPLING TIME : 13:10 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] :
ANALYZED BY :

RECEIVED DATE : MAY 28, 2025
ANALYTICAL DATE : MAY 28 - JUNE 5, 2025
ISSUE DATE : JUNE 10, 2025
REPORT NO. : 2025-U050628
WORK NO. : 2025-001366
ANALYSIS NO. : T25AL476-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T25AL476-0005		
pH[c]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.7 (30.3°C)	7.2-8.4	-
FREE CHLORINE[c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.6	0.6-1.0	0.1
MICROBIOLOGY					
TOTALCOLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA[c]	/100 mL	PRESENCE-ABSENCE (P-A) COLIFORM TEST (SM: PART 9221 D AND E)	NOT DETECTED	NOT DETECTED	-
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

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ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
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CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MAY 28, 2025
SAMPLING TIME : 13:10 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :

RECEIVED DATE : MAY 28, 2025
ANALYTICAL DATE : MAY 28 - JUNE 1, 2025
ISSUE DATE : JUNE 10, 2025
REPORT NO. : 2025-U050629
WORK NO. : 2025-001366
ANALYSIS NO. : T25AL476-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SWIMMING POOL (DEEP ZONE) T25AL476-0005	
MICROBIOLOGY				
Staphylococcus aureus	/100 mL.	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 COLOURLESS/CLEAR -	

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TESTING
No.0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
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CONTACT INFORMATION : TEL : 06 2192 3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JUNE 25, 2025
SAMPLING TIME : 13:05 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] :
ANALYZED BY :

RECEIVED DATE : JUNE 25, 2025
ANALYTICAL DATE : JUNE 25-30, 2025
ISSUE DATE : JULY 4, 2025
REPORT NO. : 2025-U060979
WORK NO. : 2025-001366
ANALYSIS NO. : T25AO044-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T25AO044-0004		
pH[c]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	8.1 (29.7°C)	7.2-8.4	-
FREE CHLORINE[c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.2	0.6-1.0	0.1
MICROBIOLOGY					
TOTALCOLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA[c]	/100 mL	PRESENCE-ABSENCE (P-A) COLIFORM TEST (SM: PART 9221 D AND E)	NOT DETECTED	NOT DETECTED	-
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

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ISO/IEC 17025
Accreditation No. 1349/65

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CONTACT INFORMATION : TEL : 06 2192 3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JUNE 25, 2025
SAMPLING TIME : 13:05 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :

RECEIVED DATE : JUNE 25, 2025
ANALYTICAL DATE : JUNE 25-29, 2025
ISSUE DATE : JULY 4, 2025
REPORT NO. : 2025-U060980
WORK NO. : 2025-001366
ANALYSIS NO. : T25AO044-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SWIMMING POOL (SHALLOW ZONE) T25AO044-0004	
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

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* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

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ISO 45001 Occupational Health and Safety Management CERTIFIED

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com
UNITED ANALYST AND ENGINEERING CONSULTANT COMPANY LIMITED

TESTING No.0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 06 2192 3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JUNE 25, 2025
SAMPLING TIME : 13:08 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] :
ANALYZED BY :

RECEIVED DATE : JUNE 25, 2025
ANALYTICAL DATE : JUNE 25-30, 2025
ISSUE DATE : JULY 4, 2025
REPORT NO. : 2025-U060981
WORK NO. : 2025-001366
ANALYSIS NO. : T25AO044-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T25AO044-0005		
pH[c]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	8.0 (29.8°C)	7.2-8.4	-
FREE CHLORINE[c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.2	0.6-1.0	0.1
MICROBIOLOGY					
TOTALCOLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA[c]	/100 mL	PRESENCE-ABSENCE (P-A) COLIFORM TEST (SM: PART 9221 D AND E)	NOT DETECTED	NOT DETECTED	-
E. coli[b]	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

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LABORATORY SUPERVISOR

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ISO/IEC 17025
Accreditation No. 1349/65

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
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CONTACT INFORMATION : TEL : 06 2192 3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : SENAKIT SRINAKARIN - SRIDAN
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JUNE 25, 2025
SAMPLING TIME : 13:08 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :

RECEIVED DATE : JUNE 25, 2025
ANALYTICAL DATE : JUNE 25-29, 2025
ISSUE DATE : JULY 4, 2025
REPORT NO. : 2025-U060982
WORK NO. : 2025-001366
ANALYSIS NO. : T25AO044-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SWIMMING POOL (DEEP ZONE) T25AO044-0005	
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

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REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

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NSC-TISI-TIS 17025 TESTING 0207

LABORATORY ACCREDITATION BLA-DSS TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : คลองสำโรง
SAMPLE TYPE : SURFACE WATER
SAMPLING DATE : MARCH 26, 2025
SAMPLING TIME : 16:55 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : MARCH 26, 2025
ANALYTICAL DATE : MARCH 26 - APRIL 1, 2025
ISSUE DATE : APRIL 4, 2025
REPORT NO. : 2025-U029163
WORK NO. : 2025-001366
ANALYSIS NO. : T25AG559-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ก่อนจุดระบายน้ำทิ้ง T25AG559-0001	REGULATORY STANDARD	DETECTION LIMIT
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.5 (30.2°C)	5.0-9.0	-
DISSOLVED OXYGEN[c]	mg/L	AZIDE MODIFICATION METHOD (AT SITE) SM: PART 4500-O C	2.5	≥ 4.0	0.5
BIOCHEMICAL OXYGEN DEMAND[c]	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	10.8	≤ 2.0	-
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	25.6	-	-
OIL AND GREASE[c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	-	-
MICROBIOLOGY					
FAECAL COLIFORM BACTERIA[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B, C AND E)	24,000	≤ 4,000	1.8
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 YELLOW/TURBID BROWN		

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : SURFACE WATER QUALITY STANDARDS CLASS 3, NOTIFICATION OF THE NATIONAL ENVIRONMENT BOARD, NO.8, B.E. 2537 ISSUED UNDER THE ENCHANCEMENT AND CONSERVATION OF NATIONAL ENVIRONMENTAL QUALITY ACT, B.E. 2535, PUBLISHED IN THE ROYAL GOVERNMENT GAZZETTE, VOL. 111, PART 16, DATED FEBRUARY 24, B.E. 2537 (1994).

CLASS 3 : MEDIUM CLEAN FRESH SURFACE WATER RESOURCES USED FOR
(1) CONSUMPTION, BUT PASSING THROUGH ON ORDINARY TREATMENT PROCESS BEFORE USING
(2) AGRICULTURE

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NSC-TISI-TIS 17025 TESTING 0207

LABORATORY ACCREDITATION BLA-DSS TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : คลองสำโรง
SAMPLE TYPE : SURFACE WATER
SAMPLING DATE : MARCH 26, 2025
SAMPLING TIME : 16:15 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : MARCH 26, 2025
ANALYTICAL DATE : MARCH 26 - APRIL 1, 2025
ISSUE DATE : APRIL 4, 2025
REPORT NO. : 2025-U029164
WORK NO. : 2025-001366
ANALYSIS NO. : T25AG559-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT บริเวณจุดระบายน้ำทิ้ง T25AG559-0002	REGULATORY STANDARD	DETECTION LIMIT
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.6 (29.4°C)	5.0-9.0	-
DISSOLVED OXYGEN[c]	mg/L	AZIDE MODIFICATION METHOD (AT SITE) SM: PART 4500-O C	2.8	≥ 4.0	0.5
BIOCHEMICAL OXYGEN DEMAND[c]	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	5.8	≤ 2.0	-
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	25.3	-	-
OIL AND GREASE[c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	-	-
MICROBIOLOGY					
FAECAL COLIFORM BACTERIA[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B, C AND E)	22,000	≤ 4,000	1.8
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			BROWN		

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : SURFACE WATER QUALITY STANDARDS CLASS 3, NOTIFICATION OF THE NATIONAL ENVIRONMENT BOARD, NO.8, B.E. 2537 ISSUED UNDER THE ENCHANCEMENT AND CONSERVATION OF NATIONAL ENVIRONMENTAL QUALITY ACT, B.E. 2535, PUBLISHED IN THE ROYAL GOVERNMENT GAZZETTE, VOL. 111, PART 16, DATED FEBRUARY 24, B.E. 2537 (1994).

CLASS 3 : MEDIUM CLEAN FRESH SURFACE WATER RESOURCES USED FOR
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LABORATORY ACCREDITATION BI.A-DSS TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
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CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : คลองสำโรง
SAMPLE TYPE : SURFACE WATER
SAMPLING DATE : MARCH 26, 2025
SAMPLING TIME : 16:45 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : MARCH 26, 2025
ANALYTICAL DATE : MARCH 26 - APRIL 1, 2025
ISSUE DATE : APRIL 4, 2025
REPORT NO. : 2025-U029165
WORK NO. : 2025-001366
ANALYSIS NO. : T25AG559-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT หลังจุดระบายน้ำทิ้ง T25AG559-0003	REGULATORY STANDARD	DETECTION LIMIT
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H+ B AND 1060 B	7.6 (30.7°C)	5.0-9.0	-
DISSOLVED OXYGEN[c]	mg/L	AZIDE MODIFICATION METHOD (AT SITE) SM: PART 4500-O C	2.9	≥ 4.0	0.5
BIOCHEMICAL OXYGEN DEMAND[c]	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	12.9	≤ 2.0	-
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	21.7	-	-
OIL AND GREASE[c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	-	-
MICROBIOLOGY					
FAECAL COLIFORM BACTERIA[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	92,000	≤ 4,000	1.8
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 YELLOW/TURBID BROWN		

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
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SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : SURFACE WATER QUALITY STANDARDS CLASS 3, NOTIFICATION OF THE NATIONAL ENVIRONMENT BOARD, NO.8, B.E. 2537 ISSUED UNDER THE ENCHANCEMENT AND CONSERVATION OF NATIONAL ENVIRONMENTAL QUALITY ACT, B.E. 2535, PUBLISHED IN THE ROYAL GOVERNMENT GAZZETTE, VOL. 111, PART 16, DATED FEBRUARY 24, B.E. 2537 (1994).

CLASS 3 : MEDIUM CLEAN FRESH SURFACE WATER RESOURCES USED FOR
(1) CONSUMPTION, BUT PASSING THROUGH ON ORDINARY TREATMENT PROCESS BEFORE USING
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ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : คลองสำโรง
SAMPLE TYPE : SURFACE WATER
SAMPLING DATE : APRIL 29, 2025
SAMPLING TIME : 13:30 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : APRIL 29, 2025
ANALYTICAL DATE : APRIL 29 - MAY 7, 2025
ISSUE DATE : MAY 13, 2025
REPORT NO. : 2025-U040478
WORK NO. : 2025-001366
ANALYSIS NO. : T25AJ149-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ก่อนจุดระบายน้ำทิ้ง T25AJ149-0001	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H+ B AND 1060 B	7.6 (33.6°C)	5.0-9.0	-	-
DISSOLVED OXYGEN[c]	mg/L	AZIDE MODIFICATION METHOD (AT SITE) SM: PART 4500-O C	1.7	≥ 4.0	0.5	-
BIOCHEMICAL OXYGEN DEMAND[c]	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	6.6	≤ 2.0	-	1.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	10.8	-	-	5.0
OIL AND GREASE[c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	-	-	3
MICROBIOLOGY						
FAECAL COLIFORM BACTERIA[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	24,000	≤ 4,000	1.8	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/CLEAR			
SEDIMENT			BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : SURFACE WATER QUALITY STANDARDS CLASS 3, NOTIFICATION OF THE NATIONAL ENVIRONMENT BOARD, NO.8, B.E. 2537 ISSUED UNDER THE ENCHANCEMENT AND CONSERVATION OF NATIONAL ENVIRONMENTAL QUALITY ACT, B.E. 2535, PUBLISHED IN THE ROYAL GOVERNMENT GAZZETTE, VOL. 111, PART 16, DATED FEBRUARY 24, B.E. 2537 (1994).

CLASS 3 : MEDIUM CLEAN FRESH SURFACE WATER RESOURCES USED FOR
(1) CONSUMPTION, BUT PASSING THROUGH ON ORDINARY TREATMENT PROCESS BEFORE USING
(2) AGRICULTURE

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NSC -TISI -TIS 17025 TESTING 0207

LABORATORY ACCREDITATION BLA-DSS TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : คลองสำโรง
SAMPLE TYPE : SURFACE WATER
SAMPLING DATE : APRIL 29, 2025
SAMPLING TIME : 14:40 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : APRIL 29, 2025
ANALYTICAL DATE : APRIL 29 - MAY 7, 2025
ISSUE DATE : MAY 13, 2025
REPORT NO. : 2025-U040480
WORK NO. : 2025-001366
ANALYSIS NO. : T25AJ149-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT บริเวณจุดระบายน้ำทิ้ง T25AJ149-0002	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H+ B AND 1060 B	8.0 (31.1°C)	5.0-9.0	-	-
DISSOLVED OXYGEN[c]	mg/L	AZIDE MODIFICATION METHOD (AT SITE) SM: PART 4500-O C	1.1	≥ 4.0	0.5	-
BIOCHEMICAL OXYGEN DEMAND[c]	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	38.4	≤ 2.0	-	1.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	24.1	-	-	5.0
OIL AND GREASE[c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	-	-	3
MICROBIOLOGY						
FAECAL COLIFORM BACTERIA[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	35,000	≤ 4,000	1.8	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/CLEAR			
SEDIMENT			BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : SURFACE WATER QUALITY STANDARDS CLASS 3, NOTIFICATION OF THE NATIONAL ENVIRONMENT BOARD, NO.8, B.E. 2537 ISSUED UNDER THE ENCHANCEMENT AND CONSERVATION OF NATIONAL ENVIRONMENTAL QUALITY ACT, B.E. 2535, PUBLISHED IN THE ROYAL GOVERNMENT GAZZETTE, VOL. 111, PART 16, DATED FEBRUARY 24, B.E. 2537 (1994).

CLASS 3 : MEDIUM CLEAN FRESH SURFACE WATER RESOURCES USED FOR
(1) CONSUMPTION, BUT PASSING THROUGH ON ORDINARY TREATMENT PROCESS BEFORE USING
(2) AGRICULTURE

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LABORATORY SUPERVISOR

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NSC -TISI -TIS 17025 TESTING 0207

LABORATORY ACCREDITATION BLA-DSS TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : คลองสำโรง
SAMPLE TYPE : SURFACE WATER
SAMPLING DATE : APRIL 29, 2025
SAMPLING TIME : 13:50 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : APRIL 29, 2025
ANALYTICAL DATE : APRIL 29 - MAY 7, 2025
ISSUE DATE : MAY 13, 2025
REPORT NO. : 2025-U040481
WORK NO. : 2025-001366
ANALYSIS NO. : T25AJ149-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT หลังจุดระบายน้ำทิ้ง T25AJ149-0003	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H+ B AND 1060 B	7.7 (33.4°C)	5.0-9.0	-	-
DISSOLVED OXYGEN[c]	mg/L	AZIDE MODIFICATION METHOD (AT SITE) SM: PART 4500-O C	1.7	≥ 4.0	0.5	-
BIOCHEMICAL OXYGEN DEMAND[c]	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	11.4	≤ 2.0	-	1.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	17.5	-	-	5.0
OIL AND GREASE[c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	-	-	3
MICROBIOLOGY						
FAECAL COLIFORM BACTERIA[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	13,000	≤ 4,000	1.8	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID			
SEDIMENT			BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : SURFACE WATER QUALITY STANDARDS CLASS 3, NOTIFICATION OF THE NATIONAL ENVIRONMENT BOARD, NO.8, B.E. 2537 ISSUED UNDER THE ENCHANCEMENT AND CONSERVATION OF NATIONAL ENVIRONMENTAL QUALITY ACT, B.E. 2535, PUBLISHED IN THE ROYAL GOVERNMENT GAZZETTE, VOL. 111, PART 16, DATED FEBRUARY 24, B.E. 2537 (1994).

CLASS 3 : MEDIUM CLEAN FRESH SURFACE WATER RESOURCES USED FOR
(1) CONSUMPTION, BUT PASSING THROUGH ON ORDINARY TREATMENT PROCESS BEFORE USING
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LABORATORY SUPERVISOR

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NSC -TISI -TIS 17025 TESTING 0207

LABORATORY ACCREDITATION BLA-DSS TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : คลองสำโรง
SAMPLE TYPE : SURFACE WATER
SAMPLING DATE : MAY 28, 2025
SAMPLING TIME : 14:10 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : MAY 28, 2025
ANALYTICAL DATE : MAY 28 - JUNE 5, 2025
ISSUE DATE : JUNE 10, 2025
REPORT NO. : 2025-U050195
WORK NO. : 2025-001366
ANALYSIS NO. : T25AL477-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ก่อนจุดระบายน้ำทิ้ง T25AL477-0001	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H+ B AND 1060 B	7.4 (29.9°C)	5.0-9.0	-	-
DISSOLVED OXYGEN[c]	mg/L	AZIDE MODIFICATION METHOD (AT SITE) SM: PART 4500-O C	2.6	≥ 4.0	0.5	-
BIOCHEMICAL OXYGEN DEMAND[c]	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	6.6	≤ 2.0	-	1.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	27.3	-	-	5.0
OIL AND GREASE[c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	-	-	3
MICROBIOLOGY						
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	>160,000	≤ 4,000	1.8	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID			
SEDIMENT			BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : SURFACE WATER QUALITY STANDARDS CLASS 3, NOTIFICATION OF THE NATIONAL ENVIRONMENT BOARD, NO.8, B.E. 2537 ISSUED UNDER THE ENCHANCEMENT AND CONSERVATION OF NATIONAL ENVIRONMENTAL QUALITY ACT, B.E. 2535, PUBLISHED IN THE ROYAL GOVERNMENT GAZZETTE, VOL. 111, PART 16, DATED FEBRUARY 24, B.E. 2537 (1994).

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LABORATORY ACCREDITATION BLA-DSS TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : คลองสำโรง
SAMPLE TYPE : SURFACE WATER
SAMPLING DATE : MAY 28, 2025
SAMPLING TIME : 13:40 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : MAY 28, 2025
ANALYTICAL DATE : MAY 28 - JUNE 5, 2025
ISSUE DATE : JUNE 10, 2025
REPORT NO. : 2025-U050196
WORK NO. : 2025-001366
ANALYSIS NO. : T25AL477-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT บริเวณจุดระบายน้ำทิ้ง T25AL477-0002	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H+ B AND 1060 B	7.5 (29.7°C)	5.0-9.0	-	-
DISSOLVED OXYGEN[c]	mg/L	AZIDE MODIFICATION METHOD (AT SITE) SM: PART 4500-O C	2.7	≥ 4.0	0.5	-
BIOCHEMICAL OXYGEN DEMAND[c]	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	14.8	≤ 2.0	-	1.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	36.6	-	-	5.0
OIL AND GREASE[c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	3	-	-	3
MICROBIOLOGY						
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	>160,000	≤ 4,000	1.8	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID			
SEDIMENT			BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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REGULATORY STANDARD : SURFACE WATER QUALITY STANDARDS CLASS 3, NOTIFICATION OF THE NATIONAL ENVIRONMENT BOARD, NO.8, B.E. 2537 ISSUED UNDER THE ENCHANCEMENT AND CONSERVATION OF NATIONAL ENVIRONMENTAL QUALITY ACT, B.E. 2535, PUBLISHED IN THE ROYAL GOVERNMENT GAZZETTE, VOL. 111, PART 16, DATED FEBRUARY 24, B.E. 2537 (1994).

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ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 062-192-3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : คลองสำโรง
SAMPLE TYPE : SURFACE WATER
SAMPLING DATE : MAY 28, 2025
SAMPLING TIME : 13:55 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : MAY 28, 2025
ANALYTICAL DATE : MAY 28 - JUNE 5, 2025
ISSUE DATE : JUNE 10, 2025
REPORT NO. : 2025-U050197
WORK NO. : 2025-001366
ANALYSIS NO. : T25AL477-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT หลังจุดระบายน้ำทิ้ง T25AL477-0003	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H+ B AND 1060 B	7.2 (29.9°C)	5.0-9.0	-	-
DISSOLVED OXYGEN[c]	mg/L	AZIDE MODIFICATION METHOD (AT SITE) SM: PART 4500-O C	2.6	≥ 4.0	0.5	-
BIOCHEMICAL OXYGEN DEMAND[c]	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	7.0	≤ 2.0	-	1.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	15.6	-	-	5.0
OIL AND GREASE[c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	-	-	3
MICROBIOLOGY						
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	160,000	≤ 4,000	1.8	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID			
SEDIMENT			BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
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SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : SURFACE WATER QUALITY STANDARDS CLASS 3, NOTIFICATION OF THE NATIONAL ENVIRONMENT BOARD, NO.8, B.E. 2537 ISSUED UNDER THE ENCHANCEMENT AND CONSERVATION OF NATIONAL ENVIRONMENTAL QUALITY ACT, B.E. 2535, PUBLISHED IN THE ROYAL GOVERNMENT GAZZETTE, VOL. 111, PART 16, DATED FEBRUARY 24, B.E. 2537 (1994).

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(1) CONSUMPTION, BUT PASSING THROUGH ON ORDINARY TREATMENT PROCESS BEFORE USING
(2) AGRICULTURE

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LABORATORY SUPERVISOR

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ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 06 2192 3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : คลองสำโรง
SAMPLE TYPE : SURFACE WATER
SAMPLING DATE : JUNE 25, 2025
SAMPLING TIME : 13:45 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : JUNE 25, 2025
ANALYTICAL DATE : JUNE 25 - JULY 2, 2025
ISSUE DATE : JULY 4, 2025
REPORT NO. : 2025-U061020
WORK NO. : 2025-001366
ANALYSIS NO. : T25A0045-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ก่อนจุดระบายน้ำทิ้ง T25A0045-0001	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H+ B AND 1060 B	7.8 (30.9°C)	5.0-9.0	-	-
DISSOLVED OXYGEN[c]	mg/L	AZIDE MODIFICATION METHOD (AT SITE) SM: PART 4500-O C	2.9	≥ 4.0	0.5	-
BIOCHEMICAL OXYGEN DEMAND[c]	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	13.2	≤ 2.0	-	1.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	18.4	-	-	5.0
OIL AND GREASE[c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	-	-	3
MICROBIOLOGY						
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	160,000	≤ 4,000	1.8	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID			
SEDIMENT			BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : SURFACE WATER QUALITY STANDARDS CLASS 3, NOTIFICATION OF THE NATIONAL ENVIRONMENT BOARD, NO.8, B.E. 2537 ISSUED UNDER THE ENCHANCEMENT AND CONSERVATION OF NATIONAL ENVIRONMENTAL QUALITY ACT, B.E. 2535, PUBLISHED IN THE ROYAL GOVERNMENT GAZZETTE, VOL. 111, PART 16, DATED FEBRUARY 24, B.E. 2537 (1994).

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(2) AGRICULTURE

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LABORATORY SUPERVISOR

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LABORATORY ACCREDITATION BLA-DSS TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 06 2192 3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : คลองลำโรง
SAMPLE TYPE : SURFACE WATER
SAMPLING DATE : JUNE 25, 2025
SAMPLING TIME : 13:35 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : JUNE 25, 2025
ANALYTICAL DATE : JUNE 25 - JULY 2, 2025
ISSUE DATE : JULY 4, 2025
REPORT NO. : 2025-U061021
WORK NO. : 2025-001366
ANALYSIS NO. : T25AO045-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT บริเวณจุดระบายน้ำทิ้ง T25AO045-0002	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H+ B AND 1060 B	7.7 (30.2°C)	5.0-9.0	-	-
DISSOLVED OXYGEN[c]	mg/L	AZIDE MODIFICATION METHOD (AT SITE) SM: PART 4500-O C	2.9	≥ 4.0	0.5	-
BIOCHEMICAL OXYGEN DEMAND[c]	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	23.6	≤ 2.0	-	1.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	99.1	-	-	5.0
OIL AND GREASE[c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	-	-	3
MICROBIOLOGY						
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	160,000	≤ 4,000	1.8	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID			
SEDIMENT			BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.

REGULATORY STANDARD : SURFACE WATER QUALITY STANDARDS CLASS 3, NOTIFICATION OF THE NATIONAL ENVIRONMENT BOARD, NO.8, B.E. 2537 ISSUED UNDER THE ENCHANCEMENT AND CONSERVATION OF NATIONAL ENVIRONMENTAL QUALITY ACT, B.E. 2535, PUBLISHED IN THE ROYAL GOVERNMENT GAZZETTE, VOL. 111, PART 16, DATED FEBRUARY 24, B.E. 2537 (1994).

CLASS 3 : MEDIUM CLEAN FRESH SURFACE WATER RESOURCES USED FOR
(1) CONSUMPTION, BUT PASSING THROUGH ON ORDINARY TREATMENT PROCESS BEFORE USING
(2) AGRICULTURE

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LABORATORY SUPERVISOR

bsi ISO 9001 Quality Management Systems CERTIFIED | ISO 14001 Environmental Management CERTIFIED | ISO 45001 Occupational Health and Safety Management CERTIFIED

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- End of Analysis Report -

United Analyst and Engineering Consultant Co., Ltd.
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NSC -TISI -TIS 17025
TESTING 0207
LABORATORY ACCREDITATION BLA-DSS
TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : SENAKIT SRINAKARIN - SRIDAN
ADDRESS : 236 SOI DAN SAMRONG 9 SAMRONG NUEA MUEANG SAMUT PRAKAN SAMUT PRAKAN 10270
CONTACT INFORMATION : TEL : 06 2192 3351 e-mail : niti.srinakarinsridan@gmail.com
SAMPLING SOURCE : คลองสำโรง
SAMPLE TYPE : SURFACE WATER
SAMPLING DATE : JUNE 25, 2025
SAMPLING TIME : 14:00 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : JUNE 25, 2025
ANALYTICAL DATE : JUNE 25 - JULY 2, 2025
ISSUE DATE : JULY 4, 2025
REPORT NO. : 2025-U061022
WORK NO. : 2025-001366
ANALYSIS NO. : T25A0045-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT หลังจุดระบายน้ำทิ้ง T25A0045-0003	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH[a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H+ B AND 1060 B	7.4 (31.6°C)	5.0-9.0	-	-
DISSOLVED OXYGEN[c]	mg/L	AZIDE MODIFICATION METHOD (AT SITE) SM: PART 4500-O C	3.1	≥ 4.0	0.5	-
BIOCHEMICAL OXYGEN DEMAND[c]	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	13.8	≤ 2.0	-	1.0
TOTAL SUSPENDED SOLIDS[a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	12.9	-	-	5.0
OIL AND GREASE[c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	-	-	3
MICROBIOLOGY						
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	160,000	≤ 4,000	1.8	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID			
SEDIMENT			BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
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