

ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 1



United Analyst and Engineering Consultant Co., Ltd.
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260
Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)
ADDRESS : 50, 50/2 RIEPJATFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com
SAMPLING SOURCE : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : JULY 16, 2025
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MR PRAPUNYUT PHAUNGANG
RECEIVED DATE : JULY 17, 2025
ANALYTICAL DATE : JULY 17-23, 2025
ISSUE DATE : JULY 24, 2025
REPORT NO. : 2025-U067927
WORK NO. : 2025-005221
ANALYSIS NO. : T25AP703-0001 - T25AP703-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25AP703-0001	2 T25AP703-0002			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.8 (25°C)	6.8 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	172	16.6	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	87.8	11.3	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	34.8	< 5.0	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	8	< 3	≤ 20	-	3
MICROBIOLOGY							
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	>160,000	240	-	1.8	-
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/TURBID	YELLOW/CLEAR			
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, 24th EDITION, 2023.

RESULT 1 : INFLUENT (RYG 1)

RESULT 2 : EFFLUENT (RYG 1)

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

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



ISO 9001
Quality
Management
Systems
CERTIFIED

ISO 14001
Environmental
Management
Systems
CERTIFIED

ISO 45001
Occupational
Health and Safety
Management
Systems
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NSC - TISI - TIS 17025
TESTING 0207



TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)
ADDRESS : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com
SAMPLING SOURCE : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : AUGUST 13, 2025
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MR PRAPUNYUT PHAUNGANG
RECEIVED DATE : AUGUST 14, 2025
ANALYTICAL DATE : AUGUST 14-20, 2025
ISSUE DATE : AUGUST 25, 2025
REPORT NO. : 2025-U076382
WORK NO. : 2025-006520
ANALYSIS NO. : T25AR633-0001 - T25AR633-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25AR633-0001	2 T25AR633-0002			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.1 (25°C)	7.0 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	183	13.8	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	87.0	< 5.0	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^c	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	26.4	ND	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	19	< 3	≤ 20	-	3



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 No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25AR633-0001	2 T25AR633-0002			
MICROBIOLOGY							
FAECAL COLIFORMS ^B	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	>160,000	790	-	18	-
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/TURBID	YELLOW/CLEAR			
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)

^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, 24th EDITION, 2023.

RESULT 1 : INFLUENT (RYG 1)

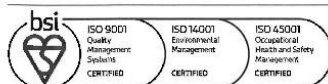
RESULT 2 : EFFLUENT (RYG 1)

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

ND : NOT DETECTED.

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
 LABORATORY SUPERVISOR



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2025-U076382

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com



NSC-TISI-TIS 17025
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No. 0063

ANALYSIS REPORT

CUSTOMER NAME : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)
ADDRESS : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com
SAMPLING SOURCE : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : SEPTEMBER 3, 2025
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MR PRAPUNYUT PHAUGNANG
RECEIVED DATE : SEPTEMBER 4, 2025
ANALYTICAL DATE : SEPTEMBER 4-10, 2025
ISSUE DATE : SEPTEMBER 15, 2025
REPORT NO. : 2025-U082625
WORK NO. : 2025-007312
ANALYSIS NO. : T25AT530-0001 - T25AT530-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25AT530-0001	2 T25AT530-0002			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.7 (25°C)	7.3 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	194	13.5	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	59.6	< 5.0	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	27.1	< 5.0	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	19	< 3	≤ 20	-	3



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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25AT530-0001	2 T25AT530-0002			
MICROBIOLOGY							
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	>160,000	11	-	18	-
SAMPLE CONDITION							
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/CLEAR YELLOW			

^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, 24th EDITION, 2023.

RESULT 1 : INFLUENT (RYG 1)

RESULT 2 : EFFLUENT (RYG 1)

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

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
 LABORATORY SUPERVISOR



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2025-U082625

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



NSC-TISI-TIS 17025
TESTING 0207



TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)
ADDRESS : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com
SAMPLING SOURCE : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : OCTOBER 8, 2025
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MR NANTHAWAT WONGKHAM

RECEIVED DATE : OCTOBER 9, 2025
ANALYTICAL DATE : OCTOBER 9-17, 2025
ISSUE DATE : OCTOBER 21, 2025
REPORT NO. : 2025-U095427
WORK NO. : 2025-008400
ANALYSIS NO. : T25AW924-0001 - T25AW924-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25AW924-0001	2 T25AW924-0002			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.8 (25°C)	7.3 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	189	< 2.0	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	126	< 5.0	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^c	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	31.6	ND	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	10	< 3	≤ 20	-	3



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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25AW924-0001	2 T25AW924-0002			
MICROBIOLOGY							
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	>160,000	170	-	1.8	-
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			GREY/TURBID	YELLOW/CLEAR			
SEDIMENT			GREY	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, 24th EDITION, 2023.

RESULT 1 : INFLUENT (RYG 1)

RESULT 2 : EFFLUENT (RYG 1)

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

ND : NOT DETECTED.

Wilailak Srisuk.

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



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2025-U095427

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)
ADDRESS : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com
SAMPLING SOURCE : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : NOVEMBER 5, 2025
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MR NANTHAWAT WONGKHAM
RECEIVED DATE : NOVEMBER 6, 2025
ANALYTICAL DATE : NOVEMBER 6-12, 2025
ISSUE DATE : NOVEMBER 17, 2025
REPORT NO. : 2025-U103772
WORK NO. : 2025-009528
ANALYSIS NO. : T25AY984-0001 - T25AY984-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25AY984-0001	2 T25AY984-0002			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.8 (25°C)	7.2 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	294	2.4	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	222	< 5.0	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^c	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	35.8	ND	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	36	< 3	≤ 20	-	3



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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25AY984-0001	2 T25AY984-0002			
MICROBIOLOGY							
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	>160,000	49	-	1.8	-
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/TURBID	YELLOW/CLEAR			
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)

^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, 24th EDITION, 2023.

RESULT 1 : INFLUENT (RYG 1)

RESULT 2 : EFFLUENT (RYG 1)

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

ND : NOT DETECTED.

Wilailak Srisuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



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2025-U103772

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ANALYSIS REPORT

CUSTOMER NAME : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)
ADDRESS : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com
SAMPLING SOURCE : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : DECEMBER 3, 2025
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MR. NANTHAWAT WONGKHAM
RECEIVED DATE : DECEMBER 4, 2025
ANALYTICAL DATE : DECEMBER 4-12, 2025
ISSUE DATE : DECEMBER 17, 2025
REPORT NO. : 2025-U113865
WORK NO. : 2025-010466
ANALYSIS NO. : T25BB499-0001 - T25BB499-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25BB499-0001	2 T25BB499-0002			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.4 (25°C)	7.4 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	314	< 2.0	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	241	< 5.0	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^a	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	28.1	ND	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	65	< 3	≤ 20	-	3



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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25BB499-0001	2 T25BB499-0002			
MICROBIOLOGY							
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	>160,000	2.0	-	1.8	-
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/TURBID	YELLOW/CLEAR			
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)

^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, 24th EDITION, 2023.

RESULT 1 : INFLUENT (RYG 1)

RESULT 2 : EFFLUENT (RYG 1)

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

ND : NOT DETECTED.

Wilailak Sriruk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



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2025-U113865

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



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TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME	: KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)		
ADDRESS	: 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000		
CONTACT INFORMATION	: TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com		
SAMPLING SOURCE	: WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG		
SAMPLE TYPE	: WASTEWATER	RECEIVED DATE	: JULY 17, 2025
SAMPLING DATE	: JULY 16, 2025	ANALYTICAL DATE	: JULY 17-23, 2025
SAMPLING TIME	: -	ISSUE DATE	: AUGUST 1, 2025
SAMPLING METHOD	: -	REPORT NO.	: 2025-U068918
SAMPLING BY	: CUSTOMER	WORK NO.	: 2025-005221
ANALYZED BY	: MR PRAPUNYUT PHAUGNANG	ANALYSIS NO.	: T25AP703-0003 - T25AP703-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25AP703-0003	2 T25AP703-0004			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.5 (25°C)	7.4 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	37.4	16.6	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	48.7	36.4	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	50.9	11.4	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	< 3	≤ 20	-	3



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3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260

Tel.0 2763 2828 Fax 0 2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com



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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25AP703-0003	2 T25AP703-0004			
MICROBIOLOGY							
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	160,000	24,000	-	1.8	-
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			GREY/TURBID	YELLOW/TURBID			
SEDIMENT			GREY	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, 24th EDITION, 2023.

RESULT 1 : INFLUENT (RYG 2)

RESULT 2 : EFFLUENT (RYG 2)

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

THE REASON FOR ISSUING THE NEW REPORT IS EDIT RESULT OF TOTAL KJELDAHL NITROGEN.

SUBSTITUTED REPORT FOR REPORT NO. 2025-U067929, ISSUE DATE JULY 24, 2025.

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



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2025-U068918

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaconsultant.com E-mail: uae@uaconsultant.com



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TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)
ADDRESS : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com
SAMPLING SOURCE : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : AUGUST 13, 2025
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MR PRAPUNYUT PHAUGNANG
RECEIVED DATE : AUGUST 14, 2025
ANALYTICAL DATE : AUGUST 14 - AUGUST 20, 2025
ISSUE DATE : SEPTEMBER 8, 2025
REPORT NO. : 2025-U080468
WORK NO. : 2025-006520
ANALYSIS NO. : T25AR633-0003 - T25AR633-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25AR633-0003	2 T25AR633-0004			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.8 (25°C)	7.7 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	37.8	23.2	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	57.3	< 5.0	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	8.2	6.8	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	< 3	≤ 20	-	3



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United Analyst and Engineering Consultant Co., Ltd.
 3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260
 Tel.0 2763 2828 Fax 0 2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com



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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25AR633-0003	2 T25AR633-0004			
MICROBIOLOGY							
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	160,000	< 1.8	-	1.8	-
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, 24th EDITION, 2023.

RESULT 1 : INFLUENT (RYG 2)

RESULT 2 : EFFLUENT (RYG 2)

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

^A : SAMPLING ON AUGUST 28, 2025, ANALYSIS NO. T25AS944-0001 (ANALYTICAL DATE : AUGUST 29 - SEPTEMBER 4, 2025).

THE REASON FOR ISSUING THE NEW REPORT IS TO SUBSTITUTE RESULT OF TOTAL SUSPENDED SOLIDS.

SUBSTITUTED REPORT FOR REPORT NO. 2025-U076383, ISSUE DATE AUGUST 25, 2025.

Wilailak Sriruk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



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2025-U080468

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ANALYSIS REPORT

CUSTOMER NAME : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)
ADDRESS : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com
SAMPLING SOURCE : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : SEPTEMBER 3, 2025
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MR PRAPUNYUT PHAUGNANG
RECEIVED DATE : SEPTEMBER 4, 2025
ANALYTICAL DATE : SEPTEMBER 4-10, 2025
ISSUE DATE : SEPTEMBER 15, 2025
REPORT NO. : 2025-U082626
WORK NO. : 2025-007312
ANALYSIS NO. : T25AT530-0003 - T25AT530-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25AT530-0003	2 T25AT530-0004			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.8 (25°C)	7.2 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	43.5	7.4	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	58.8	21.4	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	9.1	8.6	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	< 3	≤ 20	-	3



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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25AT530-0003	2 T25AT530-0004			
MICROBIOLOGY							
FAECAL COLIFORMS ^B	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	>160,000	700	-	1.8	-
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/TURBID	BROWN/CLEAR			
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, 24th EDITION, 2023.

RESULT 1 : INFLUENT (RYG 2)

RESULT 2 : EFFLUENT (RYG 2)

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

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



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3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260
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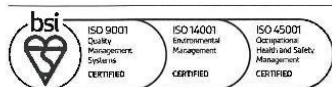


TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)
ADDRESS : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com
SAMPLING SOURCE : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : OCTOBER 8, 2025
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MR NANTHAWAT WONGKHAM
RECEIVED DATE : OCTOBER 9, 2025
ANALYTICAL DATE : OCTOBER 9-20, 2025
ISSUE DATE : OCTOBER 21, 2025
REPORT NO. : 2025-U095428
WORK NO. : 2025-008400
ANALYSIS NO. : T25AW924-0003 - T25AW924-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25AW924-0003	2 T25AW924-0004			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.7 (25°C)	6.7 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	43.0	20.5	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	23.9	26.3	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	9.7	9.5	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	< 3	≤ 20	-	3



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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25AW924-0003	2 T25AW924-0004			
MICROBIOLOGY							
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B, C AND E)	>160,000	12	-	1.8	-
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/TURBID	YELLOW/CLEAR			
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, 24th EDITION, 2023.

RESULT 1 : INFLUENT (RYG 2)

RESULT 2 : EFFLUENT (RYG 2)

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

ND : NOT DETECTED.

Wilailak Srisuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



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3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260

Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



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ANALYSIS REPORT

CUSTOMER NAME : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)
ADDRESS : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com
SAMPLING SOURCE : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : NOVEMBER 5, 2025
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MR NANTHAWAT WONGKHAM
RECEIVED DATE : NOVEMBER 6, 2025
ANALYTICAL DATE : NOVEMBER 6-12, 2025
ISSUE DATE : NOVEMBER 17, 2025
REPORT NO. : 2025-U103774
WORK NO. : 2025-009528
ANALYSIS NO. : T25AY984-0003 - T25AY984-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25AY984-0003	2 T25AY984-0004			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.6 (25°C)	6.7 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	20.9	6.0	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	33.1	8.7	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	13.8	10.2	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	< 3	≤ 20	-	3



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United Analyst and Engineering Consultant Co., Ltd.

3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260

Tel.0 2763 2828 Fax 0 2763 2800 www.uaconsultant.com E-mail: uae@uaconsultant.com



NSC-TISI-TIS 17025
TESTING 0207



TESTING
No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25AY984-0003	2 T25AY984-0004			
MICROBIOLOGY							
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	>160,000	170	-	1.8	-
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, 24th EDITION, 2023.

RESULT 1 : INFLUENT (RYG 2)

RESULT 2 : EFFLUENT (RYG 2)

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

Wibubh Sinuk.

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



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2025-U103774

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United Analyst and Engineering Consultant Co., Ltd.

3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260

Tel.0 2763 2828 Fax 0 2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com



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TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME	: KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)		
ADDRESS	: 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000		
CONTACT INFORMATION	: TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com		
SAMPLING SOURCE	: WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG		
SAMPLE TYPE	: WASTEWATER	RECEIVED DATE	: DECEMBER 4, 2025
SAMPLING DATE	: DECEMBER 3, 2025	ANALYTICAL DATE	: DECEMBER 4-12, 2025
SAMPLING TIME	: -	ISSUE DATE	: DECEMBER 17, 2025
SAMPLING METHOD	: -	REPORT NO.	: 2025-U113866
SAMPLING BY	: CUSTOMER	WORK NO.	: 2025-010466
ANALYZED BY	: MR NANTHAWAT WONGKHAM	ANALYSIS NO.	: T25BB499-0003 - T25BB499-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25BB499-0003	2 T25BB499-0004			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.7 (25°C)	6.3 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	26.6	24.1	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	30.9	16.6	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	7.6	6.0	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	< 3	≤ 20	-	3



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3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260
Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T25BB499-0003	2 T25BB499-0004			
MICROBIOLOGY							
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B, C AND E)	>160,000	490	-	1.8	-
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, 24th EDITION, 2023.

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Wilailak Sriruk.

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



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