

ผลวิเคราะห์คุณภาพน้ำทิ้ง อาคาร A

ประจำเดือน มกราคม 2569



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



NSC-TISI-TIS 17025
TESTING 0207



TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : KASEMKIJ COMPANY LIMITED (KANTARY HILLS HOTEL CHIANG MAI)
ADDRESS : 44, 44 /1-4 NIMMANHEMIN ROAD SUTHEP MUEANG CHIANG MAI CHIANG MAI 50200
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : qc-manager@kasemkij.com
SAMPLING SOURCE : WASTEWATER TREATMENT PLANT OF KANTARY HILLS HOTEL CHIANGMAI
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : JANUARY 14, 2026
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : JANUARY 15, 2026
ANALYTICAL DATE : JANUARY 15-22, 2026
ISSUE DATE : JANUARY 23, 2026
REPORT NO. : 2026-U005359
WORK NO. : 2025-012131
ANALYSIS NO. : T26AA725-0001 - T26AA725-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T26AA725-0001	2 T26AA725-0002			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.4 (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)	2,235	19.4	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	3,025	24.6	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	197	< 5.0	≤ 35	1.5	5.0
OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	9,045	< 3	≤ 20	-	3
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			BROWN/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 (BUILDING A)

RESULT 2 : EFFLUENT (BUILDING A)

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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ISO 14001
Environmental
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ANALYSIS REPORT

CUSTOMER NAME	: KASEMKIJ COMPANY LIMITED (KANTARY HILLS HOTEL CHIANG MAI)	RECEIVED DATE	: FEBRUARY 12, 2026
ADDRESS	: 44, 44 /1-4 NIMMANHEMIN ROAD SUTHEP MUEANG CHIANG MAI CHIANG MAI 50200	ANALYTICAL DATE	: FEBRUARY 12-19, 2026
CONTACT INFORMATION	: TEL : 0 2233 8989-98 e-mail : qc-manager@kasemkij.com	ISSUE DATE	: FEBRUARY 23, 2026
SAMPLING SOURCE	: WASTEWATER TREATMENT PLANT OF KANTARY HILLS HOTEL CHIANGMAI	REPORT NO.	: 2026-U013665
SAMPLE TYPE	: WASTEWATER	WORK NO.	: 2026-000859
SAMPLING DATE	: FEBRUARY 11, 2026	ANALYSIS NO.	: T26AC925-0001 - T26AC925-0002
SAMPLING TIME	: -		
SAMPLING METHOD	: -		
SAMPLING BY	: CUSTOMER		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T26AC925-0001	2 T26AC925-0002			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.1 (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)	528	7.9	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	267	8.8	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	62.0	< 5.0	≤ 35	1.5	5.0
OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	14	< 3	≤ 20	-	3
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/TURBID	YELLOW/CLEAR			
SEDIMENT			BROWN	BROWN			

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

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

RESULT 1 : INFLUENT (BUILDING A)

RESULT 2 : EFFLUENT (BUILDING A)

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.

Wilailak Srisuk

(MISS WILAILAK SRISUK)
 LABORATORY SUPERVISOR



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ADDRESS : 44, 44 /1-4 NIMMANHEMIN ROAD SUTHEP MUEANG CHIANG MAI CHIANG MAI 50200
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : qc-manager@kasemkij.com
SAMPLING SOURCE : WASTEWATER TREATMENT PLANT OF KANTARY HILLS HOTEL CHIANGMAI
SAMPLE TYPE : WASTEWATER **RECEIVED DATE** : MARCH 19, 2026
SAMPLING DATE : MARCH 18, 2026 **ANALYTICAL DATE** : MARCH 19-25, 2026
SAMPLING TIME : - **ISSUE DATE** : MARCH 30, 2026
SAMPLING METHOD : - **REPORT NO.** : 2026-U024139
SAMPLING BY : CUSTOMER **WORK NO.** : 2026-002126
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM **ANALYSIS NO.** : T26AF779-0001 - T26AF779-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T26AF779-0001	2 T26AF779-0002			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.5 (25°C)	6.6 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	412	10.4	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	159	13.7	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	59.1	< 5.0	≤ 35	1.5	5.0
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/CLEAR			
SEDIMENT			BROWN	BROWN			

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^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 (BUILDING A)

RESULT 2 : EFFLUENT (BUILDING A)

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Wilailak Srisuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



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ANALYSIS REPORT

CUSTOMER NAME	: KASEMKI COMPANY LIMITED (KANTARY HILLS HOTEL CHIANG MAI)	RECEIVED DATE	: APRIL 24, 2026
ADDRESS	: 44, 44 /1-4 NIMMANHEMIN ROAD SUTHEP MUEANG CHIANG MAI CHIANG MAI 50200	ANALYTICAL DATE	: APRIL 24-MAY 3, 2026
CONTACT INFORMATION	: TEL : 0 2233 8989-98 e-mail : qc-manager@kasemki.com	ISSUE DATE	: MAY 6, 2026
SAMPLING SOURCE	: WASTEWATER TREATMENT PLANT OF KANTARY HILLS HOTEL CHIANGMAI	REPORT NO.	: 2026-U035887
SAMPLE TYPE	: WASTEWATER	WORK NO.	: 2026-003034
SAMPLING DATE	: APRIL 22, 2026	ANALYSIS NO.	: T26AI693-0001 - T26AI693-0002
SAMPLING TIME	: -		
SAMPLING METHOD	: -		
SAMPLING BY	: CUSTOMER		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T26AI693-0001	2 T26AI693-0002			
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.8 (25°C)	6.5 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	181	7.0	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	93.2	8.2	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	13.7	< 5.0	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	37	< 3	≤ 20	-	3
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/TURBID	YELLOW/CLEAR			
SEDIMENT			BROWN	BROWN			

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

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

RESULT 1 : INFLUENT (BUILDING A)

RESULT 2 : EFFLUENT (BUILDING A)

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.

Wilailak Srisuk

(MISS WILAILAK SRISUK)
 LABORATORY SUPERVISOR



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ANALYSIS REPORT

CUSTOMER NAME : KASEMKIJ COMPANY LIMITED (KANTARY HILLS HOTEL CHIANG MAI)
ADDRESS : 44, 44 /1-4 NIMMANHEMIN ROAD SUTHEP MUEANG CHIANG MAI CHIANG MAI 50200
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : qc-manager@kasemkij.com
SAMPLING SOURCE : WASTEWATER TREATMENT PLANT OF KANTARY HILLS HOTEL CHIANGMAI
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : MAY 13, 2026
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : MAY 15, 2026
ANALYTICAL DATE : MAY 15-22, 2026
ISSUE DATE : MAY 26, 2026
REPORT NO. : 2026-U044067
WORK NO. : 2026-003931
ANALYSIS NO. : T26AK538-0001 - T26AK538-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T26AK538-0001	2 T26AK538-0002			
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.5 (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)	351	14.6	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	177	22.0	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	48.0	5.3	< 35	15	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	14	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/TURBID BROWN			

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RESULT 1 : INFLUENT (BUILDING A)

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Wilailak Srisuk.

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



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ANALYSIS REPORT

CUSTOMER NAME : KASEMKIJ COMPANY LIMITED (KANTARY HILLS HOTEL CHIANG MAI)
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CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : qc-manager@kasemkij.com
SAMPLING SOURCE : WASTEWATER TREATMENT PLANT OF KANTARY HILLS HOTEL CHIANGMAI
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : JUNE 10, 2026
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : JUNE 12, 2026
ANALYTICAL DATE : JUNE 12-23, 2026
ISSUE DATE : JUNE 24, 2026
REPORT NO. : 2026-U054784
WORK NO. : 2026-004885
ANALYSIS NO. : T26AN152-0001 - T26AN152-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T26AN152-0001	2 T26AN152-0002			
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.5 (25°C)	6.5 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	1,191	17.4	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	898	21.3	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	69.7	< 5.0	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	197	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			BROWN/TURBID BROWN	YELLOW/TURBID YELLOW			

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Wilailak Srisuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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SAMPLE TYPE : WASTEWATER
SAMPLING DATE : JANUARY 14, 2026
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : JANUARY 15, 2026
ANALYTICAL DATE : JANUARY 15-22, 2026
ISSUE DATE : JANUARY 23, 2026
REPORT NO. : 2026-U005360
WORK NO. : 2025-012131
ANALYSIS NO. : T26AA725-0003 - T26AA725-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T26AA725-0003	2 T26AA725-0004			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.5 (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)	524	14.1	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	260	25.4	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	107	< 5.0	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	18	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/CLEAR 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 (BUILDING B)

RESULT 2 : EFFLUENT (BUILDING B)

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
 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

ANALYSIS REPORT

CUSTOMER NAME	: KASEMKIJ COMPANY LIMITED (KANTARY HILLS HOTEL CHIANG MAI)	RECEIVED DATE	: FEBRUARY 12, 2026
ADDRESS	: 44, 44 /1-4 NIMMANHEMIN ROAD SUTHEP MUEANG CHIANG MAI CHIANG MAI 50200	ANALYTICAL DATE	: FEBRUARY 12-19, 2026
CONTACT INFORMATION	: TEL : 0 2233 8989-98 e-mail : qc-manager@kasemkij.com	ISSUE DATE	: FEBRUARY 23, 2026
SAMPLING SOURCE	: WASTEWATER TREATMENT PLANT OF KANTARY HILLS HOTEL CHIANGMAI	REPORT NO.	: 2026-U013666
SAMPLE TYPE	: WASTEWATER	WORK NO.	: 2026-000859
SAMPLING DATE	: FEBRUARY 11, 2026	ANALYSIS NO.	: T26AC925-0003 - T26AC925-0004
SAMPLING TIME	: -		
SAMPLING METHOD	: -		
SAMPLING BY	: CUSTOMER		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T26AC925-0003	2 T26AC925-0004			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.4 (25°C)	6.5 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	419	8.7	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	182	20.1	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	83.8	7.3	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	23	< 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, 24th EDITION, 2023.

RESULT 1 : INFLUENT (BUILDING B)

RESULT 2 : EFFLUENT (BUILDING B)

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.

Wibubha Simuk.

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



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ANALYSIS REPORT

CUSTOMER NAME	: KASEMKIJ COMPANY LIMITED (KANTARY HILLS HOTEL CHIANG MAI)	RECEIVED DATE	: MARCH 19, 2026
ADDRESS	: 44, 44 /1-4 NIMMANHEMIN ROAD SUTHEP MUEANG CHIANG MAI CHIANG MAI 50200	ANALYTICAL DATE	: MARCH 19-25, 2026
CONTACT INFORMATION	: TEL : 0 2233 8989-98 e-mail : qc-manager@kasemkij.com	ISSUE DATE	: MARCH 30, 2026
SAMPLING SOURCE	: WASTEWATER TREATMENT PLANT OF KANTARY HILLS HOTEL CHIANGMAI	REPORT NO.	: 2026-U024140
SAMPLE TYPE	: WASTEWATER	WORK NO.	: 2026-002126
SAMPLING DATE	: MARCH 18, 2026	ANALYSIS NO.	: T26AF779-0003 - T26AF779-0004
SAMPLING TIME	: -		
SAMPLING METHOD	: -		
SAMPLING BY	: CUSTOMER		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 T26AF779-0003	2 T26AF779-0004			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.3 (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)	476	6.4	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	1/4	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	82.7	< 5.0	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	6	< 3	≤ 20	-	3
SAMPLE CONDITION							
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/CLEAR 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 (BUILDING B)

RESULT 2 : EFFLUENT (BUILDING B)

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.

Wilailak Sriruk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



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ANALYSIS REPORT

CUSTOMER NAME	: KASEMKIJ COMPANY LIMITED (KANTARY HILLS HOTEL CHIANG MAI)	RECEIVED DATE	: APRIL 24, 2026
ADDRESS	: 44, 44 /1-4 NIMMANHEMIN ROAD SUTHEP MUEANG CHIANG MAI CHIANG MAI 50200	ANALYTICAL DATE	: APRIL 24-30, 2026
CONTACT INFORMATION	: TEL : 0 2233 8989-98 e-mail : qc-manager@kasemkij.com	ISSUE DATE	: MAY 6, 2026
SAMPLING SOURCE	: WASTEWATER TREATMENT PLANT OF KANTARY HILLS HOTEL CHIANGMAI	REPORT NO.	: 2026-U035890
SAMPLE TYPE	: WASTEWATER	WORK NO.	: 2026-003034
SAMPLING DATE	: APRIL 22, 2026	ANALYSIS NO.	: T26AI693-0003 - T26AI693-0004
SAMPLING TIME	: -		
SAMPLING METHOD	: -		
SAMPLING BY	: CUSTOMER		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T26AI693-0003	2 T26AI693-0004			
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	5.7 (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)	1,052	23.5	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	699	27.3	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	81.7	8.0	≤ 35	15	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	144	< 3	≤ 20	-	3
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			BROWN/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)

^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 (BUILDING B)

RESULT 2 : EFFLUENT (BUILDING B)

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.

Wilailak Srisuk.

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



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ANALYSIS REPORT

CUSTOMER NAME	: KASEMKIJ COMPANY LIMITED (KANTARY HILLS HOTEL CHIANG MAI)	RECEIVED DATE	: MAY 15, 2026
ADDRESS	: 44, 44 /1-4 NIMMANHEMIN ROAD SUTHEP MUEANG CHIANG MAI CHIANG MAI 50200	ANALYTICAL DATE	: MAY 15-22, 2026
CONTACT INFORMATION	: TEL : 0 2233 8989-98 e-mail : qc-manager@kasemkij.com	ISSUE DATE	: MAY 26, 2026
SAMPLING SOURCE	: WASTEWATER TREATMENT PLANT OF KANTARY HILLS HOTEL CHIANGMAI	REPORT NO.	: 2026-U044069
SAMPLE TYPE	: WASTEWATER	WORK NO.	: 2026-003931
SAMPLING DATE	: MAY 13, 2026	ANALYSIS NO.	: T26AK538-0003 - T26AK538-0004
SAMPLING TIME	: -		
SAMPLING METHOD	: -		
SAMPLING BY	: CUSTOMER		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T26AK538-0003	2 T26AK538-0004			
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	6.8 (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)	342	6.0	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	181	< 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	89.7	< 5.0	≤ 35	1.5	5.0
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			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 (BUILDING B)

RESULT 2 : EFFLUENT (BUILDING B)

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.

Wilailak Srisuk.

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



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ANALYSIS REPORT

CUSTOMER NAME	: KASEMKIJ COMPANY LIMITED (KANTARY HILLS HOTEL CHIANG MAI)	RECEIVED DATE	: JUNE 12, 2026
ADDRESS	: 44, 44 /1-4 NIMMANHEMIN ROAD SUTHEP MUEANG CHIANG MAI CHIANG MAI 50200	ANALYTICAL DATE	: JUNE 12-23, 2026
CONTACT INFORMATION	: TEL : 0 2233 8989-98 e-mail : qc-manager@kasemkij.com	ISSUE DATE	: JUNE 24, 2026
SAMPLING SOURCE	: WASTEWATER TREATMENT PLANT OF KANTARY HILLS HOTEL CHIANGMAI	REPORT NO.	: 2026-U054785
SAMPLE TYPE	: WASTEWATER	WORK NO.	: 2026-004885
SAMPLING DATE	: JUNE 10, 2026	ANALYSIS NO.	: T26ANI52-0003 - T26ANI52-0004
SAMPLING TIME	: -		
SAMPLING METHOD	: -		
SAMPLING BY	: CUSTOMER		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T26ANI52-0003	2 T26ANI52-0004			
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.5 (25°C)	7.1 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	268	< 2.0	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	124	< 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	126	7.3	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	14	< 3	≤ 20	-	3
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/TURBID	YELLOW/CLEAR			
SEDIMENT			BROWN	YELLOW			

^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 (BUILDING B)

RESULT 2 : EFFLUENT (BUILDING B)

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 Srisuk

(MISS WILAILAK SRISUK)
 LABORATORY SUPERVISOR

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ANALYSIS REPORT

CUSTOMER NAME : KASEMKIJ COMPANY LIMITED (KANTARY HILLS HOTEL CHIANG MAI)
ADDRESS : 44, 44 /1-4 NIMMANHEMIN ROAD SUTHEP MUEANG CHIANG MAI CHIANG MAI 50200
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : qc-manager@kasemkij.com
SAMPLING SOURCE : WASTEWATER TREATMENT PLANT OF KANTARY HILLS HOTEL CHIANGMAI
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : JANUARY 14, 2026
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : JANUARY 15, 2026
ANALYTICAL DATE : JANUARY 15-22, 2026
ISSUE DATE : FEBRUARY 20, 2026
REPORT NO. : 2026-U013171
WORK NO. : 2025-012131
ANALYSIS NO. : T26AA725-0005 - T26AA725-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T26AA725-0005	2 T26AA725-0006			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.5 (25°C)	6.9 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	212	15.2	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	412	20.6	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	130	13.3	≤ 35	15	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	13	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/CLEAR 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 (BUILDING C)

RESULT 2 : EFFLUENT (BUILDING C)

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 : PARAMETER ANALYSED OF THE EFFLUENT IS SAMPLING ON FEBRUARY 11, 2026, ANALYSIS NO. T26AC928-0001 (ANALYTICAL DATE : FEBRUARY 12-13, 2026).

THE REASON FOR ISSUING THE NEW REPORT IS TO SUBSTITUTE RESULT OF pH.
SUBSTITUTED REPORT FOR REPORT NO. 2026-U005361, ISSUE DATE JANUARY 23, 2026.

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



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ANALYSIS REPORT

CUSTOMER NAME : KASEMKIJ COMPANY LIMITED (KANTARY HILLS HOTEL CHIANG MAI)
ADDRESS : 44, 44 /1-4 NIMMANHEMIN ROAD SUTHEP MUEANG CHIANG MAI CHIANG MAI 50200
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : qc-manager@kasemkij.com
SAMPLING SOURCE : WASTEWATER TREATMENT PLANT OF KANTARY HILLS HOTEL CHIANGMAI
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : FEBRUARY 11, 2026
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : FEBRUARY 12, 2026
ANALYTICAL DATE : FEBRUARY 12-19, 2026
ISSUE DATE : FEBRUARY 23, 2026
REPORT NO. : 2026-U013667
WORK NO. : 2026-000859
ANALYSIS NO. : T26AC925-0005 - T26AC925-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T26AC925-0005	2 T26AC925-0006			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.5 (25°C)	6.2 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	250	7.4	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	209	11.2	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	135	10.1	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	6	< 3	≤ 20	-	3
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 (BUILDING C)

RESULT 2 : EFFLUENT (BUILDING C)

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.

Wilailak Srisuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



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NSC-TISI-TIS 17025
 TESTING 0207



TESTING
 No. 0063

ANALYSIS REPORT

CUSTOMER NAME	: KASEMKIJ COMPANY LIMITED (KANTARY HILLS HOTEL CHIANG MAI)		
ADDRESS	: 44, 44 /1-4 NIMMANHEMIN ROAD SUTHEP MUEANG CHIANG MAI CHIANG MAI 50200		
CONTACT INFORMATION	: TEL : 0 2233 8989-98 e-mail : qc-manager@kasemkij.com		
SAMPLING SOURCE	: WASTEWATER TREATMENT PLANT OF KANTARY HILLS HOTEL CHIANGMAI		
SAMPLE TYPE	: WASTEWATER	RECEIVED DATE	: MARCH 19, 2026
SAMPLING DATE	: MARCH 18, 2026	ANALYTICAL DATE	: MARCH 19-25, 2026
SAMPLING TIME	: -	ISSUE DATE	: MARCH 30, 2026
SAMPLING METHOD	: -	REPORT NO.	: 2026-U024141
SAMPLING BY	: CUSTOMER	WORK NO.	: 2026-002126
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM	ANALYSIS NO.	: T26AF779-0005 - T26AF779-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T26AF779-0005	2 T26AF779-0006			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.5 (25°C)	6.2 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	160	22.3	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	106	15.1	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	107	7.6	≤ 35	15	5.0
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			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.

RESULT 1 : INFLUENT (BUILDING C)

RESULT 2 : EFFLUENT (BUILDING C)

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.

Wilailak Srisuk

(MISS WILAILAK SRISUK)
 LABORATORY SUPERVISOR



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NSC-TISI-TIS 17025
TESTING 0207



TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME	: KASEMKIJ COMPANY LIMITED (KANTARY HILLS HOTEL CHIANG MAI)	RECEIVED DATE	: APRIL 24, 2026
ADDRESS	: 44, 44 /1-4 NIMMANHEMIN ROAD SUTHEP MUEANG CHIANG MAI CHIANG MAI 50200	ANALYTICAL DATE	: APRIL 24-30, 2026
CONTACT INFORMATION	: TEL : 0 2233 8989-98 e-mail : qc-manager@kasemkij.com	ISSUE DATE	: MAY 6, 2026
SAMPLING SOURCE	: WASTEWATER TREATMENT PLANT OF KANTARY HILLS HOTEL CHIANGMAI	REPORT NO.	: 2026-U035892
SAMPLE TYPE	: WASTEWATER	WORK NO.	: 2026-003034
SAMPLING DATE	: APRIL 22, 2026	ANALYSIS NO.	: T26A1693-0005 - T26A1693-0006
SAMPLING TIME	: -		
SAMPLING METHOD	: -		
SAMPLING BY	: CUSTOMER		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T26A1693-0005	2 T26A1693-0006			
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.3 (25°C)	6.5 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	130	14.2	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	285	8.6	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	133	8.7	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	20	< 3	≤ 20	-	3
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 (BUILDING C)

RESULT 2 : EFFLUENT (BUILDING C)

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.

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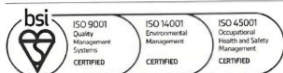


NSC-TISI-TIS 17025 TESTING 0207
 TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME	: KASEMKIJ COMPANY LIMITED (KANTARY HILLS HOTEL CHIANG MAI)	RECEIVED DATE	: MAY 15, 2026
ADDRESS	: 44, 44 /1-4 NIMMANHEMIN ROAD SUTHEP MUEANG CHIANG MAI CHIANG MAI 50200	ANALYTICAL DATE	: MAY 15-JUNE 5, 2026
CONTACT INFORMATION	: TEL : 0 2233 8989-98 e-mail : qc-manager@kasemkij.com	ISSUE DATE	: JUNE 5, 2026
SAMPLING SOURCE	: WASTEWATER TREATMENT PLANT OF KANTARY HILLS HOTEL CHIANGMAI	REPORT NO.	: 2026-U047306
SAMPLE TYPE	: WASTEWATER	WORK NO.	: 2026-003931
SAMPLING DATE	: MAY 13, 2026	ANALYSIS NO.	: T26AK538-0005 - T26AK538-0006
SAMPLING TIME	: -		
SAMPLING METHOD	: -		
SAMPLING BY	: CUSTOMER		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T26AK538-0005	2 T26AK538-0006			
pH ^F	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.4 (25°C)	-	5.5-9.0	-	-
pH ^{AC}	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	-	6.2 (31.9°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^B	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	151	17.2	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^B	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	165	9.2	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^B	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	120	5.0	≤ 35	1.5	5.0



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TESTING 0207



TESTING
No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T26AK538-0005	2 T26AK538-0006			
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 SEDIMENT			YELLOW/TURBID BROWN	YELLOW/CLEAR 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 (BUILDING C)

RESULT 2 : EFFLUENT (BUILDING C)

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 : MEASURED BY CUSTOMER.

THE REASON FOR ISSUING THE NEW REPORT IS THE ADDITION OF pH.
SUBSTITUTED REPORT FOR REPORT NO. 2026-U044071, ISSUE DATE MAY 26, 2026.

Wilailak Srisuk
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2026-U047306

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ANALYSIS REPORT

CUSTOMER NAME	: KASEMKIJ COMPANY LIMITED (KANTARY HILLS HOTEL CHIANG MAI)	RECEIVED DATE	: JUNE 12, 2026
ADDRESS	: 44, 44 /1-4 NIMMANHEMIN ROAD SUTHEP MUEANG CHIANG MAI CHIANG MAI 50200	ANALYTICAL DATE	: JUNE 12-23, 2026
CONTACT INFORMATION	: TEL : 0 2233 8989-98 e-mail : qc-manager@kasemkij.com	ISSUE DATE	: JUNE 24, 2026
SAMPLING SOURCE	: WASTEWATER TREATMENT PLANT OF KANTARY HILLS HOTEL CHIANGMAI	REPORT NO.	: 2026-U054786
SAMPLE TYPE	: WASTEWATER	WORK NO.	: 2026-004885
SAMPLING DATE	: JUNE 10, 2026	ANALYSIS NO.	: T26ANI52-0005 - T26ANI52-0006
SAMPLING TIME	: -		
SAMPLING METHOD	: -		
SAMPLING BY	: CUSTOMER		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 T26ANI52-0005	2 T26ANI52-0006			
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.4 (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)	115	12.1	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	146	8.0	≤ 40	-	5.0
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	74.3	7.3	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	11	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/CLEAR 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 (BUILDING C)

RESULT 2 : EFFLUENT (BUILDING C)

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.

Wilailak Sriruk

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