

ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY HOTEL (อัมตะ บางปะกง)



United Analyst and Engineering Consultant Co., Ltd.

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ANALYSIS REPORT

CUSTOMER NAME : KALEIDOSCOPE PROPERTIES CO.,LTD (KANTARY HOTEL AMATA BANGPAKONG)
ADDRESS : 828, 828/1-2 MOO 5 KHLONG TAMRU MUEANG CHON BURI CHON BURI 20000
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com
SAMPLING SOURCE : WASTEWATER TREATMENT PLANT OF KANTARY HOTEL AMATA BANGPAKONG
SAMPLE TYPE : EFFLUENT **RECEIVED DATE** : JULY 17, 2025
SAMPLING DATE : JULY 16, 2025 **ANALYTICAL DATE** : JULY 17-23, 2025
SAMPLING TIME : - **ISSUE DATE** : JULY 24, 2025
SAMPLING METHOD : - **REPORT NO.** : 2025-U067917
SAMPLING BY : CUSTOMER **WORK NO.** : 2025-005222
ANALYZED BY : MR PRAPUNYUT PHAUGNANG **ANALYSIS NO.** : T25AP704-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	LIMIT OF QUANTITATION (LOQ)
			EFFLUENT (BUILDING A) T25AP704-0001		
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	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)	18.2	≤ 30	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	17.9	≤ 40	5.0
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	< 0.50	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN ^a	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	14.3	≤ 35	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	≤ 20	3
MICROBIOLOGY					
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	54,000	-	-
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, 24th EDITION, 2023.

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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TESTING
No. 0063

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CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkj.com
SAMPLING SOURCE : WASTEWATER TREATMENT PLANT OF KANTARY HOTEL AMATA BANGPAKONG
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : OCTOBER 8, 2025
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : OCTOBER 9, 2025
ANALYTICAL DATE : OCTOBER 9-20, 2025
ISSUE DATE : NOVEMBER 4, 2025
REPORT NO. : 2025-U100111
WORK NO. : 2025-008401
ANALYSIS NO. : T25AW925-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			EFFLUENT (BUILDING A) T25AW925-0001			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	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)	< 2.0	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	14.8	≤ 40	-	5.0
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	17.8	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	≤ 20	-	3
MICROBIOLOGY						
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	34	-	1.8	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/CLEAR			
SEDIMENT			BROWN			

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

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^A : SAMPLING ON OCTOBER 26, 2020, ANALYSIS NO. T25AY196-0001 (ANALYTICAL DATE : OCTOBER 27 - NOVEMBER 9, 2025).

THE REASON FOR ISSUING THE NEW REPORT IS TO SUBSTITUTE RESULT OF BIOCHEMICAL OXYGEN DEMAND.

SUBSTITUTED REPORT FOR REPORT NO. 2025-U095208, ISSUE DATE OCTOBER 20, 2025.

Wilailak Sriskuk

(MISS WILAILAK SRISKUK)
LABORATORY SUPERVISOR



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