

ภาคผนวก ก

ผลวิเคราะห์คุณภาพน้ำทิ้ง

โครงการโรงแรมแคนทารี โคราช

ประจำเดือน เมษายน 2568

(น้ำทิ้ง-หลังผ่านการบำบัด)

ANALYSIS REPORT

CUSTOMER NAME : BL HUA COMPANY LIMITED
ADDRESS : 899/1, 899/2, 899/4 MITRAPART ROAD NAI MUEANG MUEANG NAKHON RATCHASIMA NAKHON RATCHASIMA 30000
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com
SAMPLING SOURCE : WASTEWATER TREATMENT PLANT OF KANTARY HOTEL, KORAT
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MARCH 19, 2025
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : MARCH 21, 2025
ANALYTICAL DATE : MARCH 21-27, 2025
ISSUE DATE : MARCH 31, 2025
REPORT NO. : 2025-U027279
WORK NO. : 2025-002107
ANALYSIS NO. : T25AG153-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			EFFLUENT (KOR 1) T25AG153-0001			
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.1 (25°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^b	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	19.1	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS ^b	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	16.2	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	372	≤ 1,000	-	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	-	0.1	-
SULPHIDE ^d	mg/L	IODOMETRIC METHOD (SM: PART 4500 -S ²⁻ F)	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN ^e	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	17.2	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	≤ 20	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			EFFLUENT (KOR 1) T25AG153-0001			
MICROBIOLOGY						
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	7,900	-	1.8	-
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	54,000	-	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, 24th 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.

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

ผลวิเคราะห์คุณภาพน้ำสระว่ายนํ้า

โครงการโรงแรมแคนทารี โคราช

ประจำเดือน มีนาคม และ มิถุนายน 2568

(น้ำสระ-ส่วนลึก)



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



TESTING
No.0063

ANALYSIS REPORT

CUSTOMER NAME : BL HUA COMPANY LIMITED
ADDRESS : 899/1, 899/2, 899/4 MITRAPART ROAD NAI MUEANG MUEANG NAKHON RATCHASIMA NAKHON RATCHASIMA 30000
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com
SAMPLING SOURCE : KANTARY HOTEL KORAT
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MARCH 19, 2025
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MISS ITSARIYAPORN BUATIB
RECEIVED DATE : MARCH 21, 2025
ANALYTICAL DATE : MARCH 21-26, 2025
ISSUE DATE : MAY 19, 2025
REPORT NO. : 2025-U040129
WORK NO. : 2025-002112
ANALYSIS NO. : T25AG154-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T25AG154-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	1/	-
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, 24th EDITION, 2023.

REGULATORY STANDARD : BANGKOK METROPOLITAN REGULATIONS FOR THE BUSINESS DISTRICTIONAL TO HEALTH, B.E. 2530 (1987).

1/ : DISEASE-CAUSING BACTERIA IS NOT DETECTED.

^A : SAMPLING ON APRIL 25, 2025, ANALYSIS NO. T25AI850-0001 (ANALYTICAL DATE : APRIL 25-29, 2025).

THE REASON FOR ISSUING THE NEW REPORT IS TO SUBSTITUTE RESULT OF *Pseudomonas aeruginosa*

SUBSTITUTED REPORT FOR REPORT NO. 2025-U028313, ISSUE DATE APRIL 3, 2025.

Chaweevan B.

(MISS CHAWEEVAN BOONLA)
LABORATORY SUPERVISOR



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SAMPLING SOURCE : KANTARY HOTEL KORAT
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MARCH 19, 2025
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : MARCH 21, 2025
ANALYTICAL DATE : MARCH 21-23, 2025
ISSUE DATE : APRIL 3, 2025
REPORT NO. : 2025-U028314
WORK NO. : 2025-002112
ANALYSIS NO. : T25AG154-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SWIMMING POOL (DEEP ZONE) T25AG154-0001	
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	1/
SAMPLE CONDITION				
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR	

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

REGULATORY STANDARD : BANGKOK METROPOLITAN REGULATIONS FOR THE BUSINESS DISTRIKTAL TO HEALTH, B.E. 2530 (1987).

1/ : DISEASE-CAUSING BACTERIA IS NOT DETECTED.

Chaweevan B.

(MISS CHAWEEVAN BOONLA)
LABORATORY SUPERVISOR

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ISO 14001:2015 CERTIFIED
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ADDRESS : 899/1, 899/2, 899/4 MITRAPART ROAD NAI MUEANG MUEANG NAKHON RATCHASIMA NAKHON RATCHASIMA 30000
CONTACT INFORMATION : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com
SAMPLING SOURCE : KANTARY HOTEL KORAT
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JUNE 18, 2025
SAMPLING TIME : -
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MISS JITSAMON NGAMKANA

RECEIVED DATE : JUNE 19, 2025
ANALYTICAL DATE : JUNE 19-26, 2025
ISSUE DATE : JULY 3, 2025
REPORT NO. : 2025-U060680
WORK NO. : 2025-004785
ANALYSIS NO. : T25AN479-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T25AN479-0001		
MICROBIOLOGY					
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	1/	-
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, 24th EDITION, 2023.

REGULATORY STANDARD : BANGKOK METROPOLITAN REGULATIONS FOR THE BUSINESS DISTRIMENTAL TO HEALTH, B.E. 2530 (1987).

1/ : DISEASE-CAUSING BACTERIA IS NOT DETECTED.

(MISS CHAWEEVAN BOONLA)
LABORATORY SUPERVISOR



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SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : JUNE 19, 2025
ANALYTICAL DATE : JUNE 19-23, 2025
ISSUE DATE : JULY 3, 2025
REPORT NO. : 2025-U060681
WORK NO. : 2025-004785
ANALYSIS NO. : T25AN479-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SWIMMING POOL (DEEP ZONE) T25AN479-0001	
MICROBIOLOGY				
<i>Staphylococcus aureus</i>	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	1/
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR	

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

REGULATORY STANDARD : BANGKOK METROPOLITAN REGULATIONS FOR THE BUSINESS DISTRIMENTAL TO HEALTH, B.E. 2530 (1987).

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Chaweevan B.

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