

**ผลวิเคราะห์คุณภาพน้ำทั้งโครงการ KANTARY HOTEL (อมตะ บางปะกง)**



**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**

<b>CUSTOMER NAME</b>	: KALEIDOSCOPE PROPERTIES CO.,LTD (KANTARY HOTEL AMATA BANGPAKONG)	<b>RECEIVED DATE</b>	: JANUARY 20, 2022
<b>ADDRESS</b>	: 826, 828/1-2 MOO 5 KHLONG TAMRU MUEANG CHON BURI CHON BURI 20000	<b>ANALYTICAL DATE</b>	: JANUARY 20-27, 2022
<b>CONTACT INFORMATION</b>	: TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com	<b>REPORT NO.</b>	: 2022-U011643
<b>SAMPLING SOURCE</b>	: WASTEWATER TREATMENT PLANT OF KANTARY HOTEL AMATA BANGPAKONG	<b>WORK NO.</b>	: 2021-009191
<b>SAMPLE TYPE</b>	: EFFLUENT	<b>ANALYSIS NO.</b>	: T22AB151-0001
<b>SAMPLING DATE</b>	: JANUARY 19, 2022		
<b>SAMPLING TIME</b>	: -		
<b>SAMPLING METHOD</b>	: -		
<b>SAMPLING BY</b>	: CUSTOMER		
<b>ANALYZED BY</b>	: MISS AMONRAT PUTTALAE		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT (BUILDING A) T22AB151-0001		
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (SM: 4500-H <sup>+</sup> B)	7.3 (25°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND <sup>a, c</sup>	mg/L	AZIDE MODIFICATION METHOD (SM: 4500-O C AND 5210 B)	ND	≤ 30	2.0
SUSPENDED SOLIDS <sup>a</sup>	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: 2540 D)	23.4	≤ 40	5.0
SULPHIDE <sup>a, c</sup>	mg/L	IODOMETRIC METHOD (SM: 4500-S <sup>2-</sup> F)	ND	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN <sup>a, b</sup>	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: 4500-Norg C	ND	≤ 35	1.5
FAT, OIL AND GREASE <sup>a</sup>	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: 5520 B)	3	≤ 20	3
<b>MICROBIOLOGY</b>					
FAECAL COLIFORM BACTERIA <sup>b</sup>	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 E)	130	-	18
<b>SAMPLE CONDITION</b>					
WATER'S COLOUR/TURBID			GREY/TURBID		
SEDIMENT			GREY		

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23<sup>RD</sup> EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23<sup>RD</sup> EDITION, 2017.

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. 122, PART 125 D, DATED DECEMBER 29, 2005.

ND : NON-DETECTABLE

<sup>a</sup> : SAMPLING ON FEBRUARY 7, 2022, ANALYSIS NO. T22AC239-0001 (ANALYTICAL DATE : FEBRUARY 9-15, 2022)

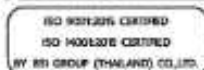
THE REASON FOR ISSUING THE NEW REPORT IS SUBSTITUTE RESULT.

SUBSTITUTED REPORT FOR REPORT NO. 2022-U007593, DATED FEBRUARY 2, 2022.

*Piyapat S.*

(MRS PIYAPAT SUTTAMANUTWONG)  
LABORATORY SUPERVISOR

FEBRUARY 21, 2022



• DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL.

• REPORTED ANALYSIS REFERS TO SUBMITTED SAMPLE ONLY.

1/1



## 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  
**SAMPLING DATE** : MAY 4, 2022  
**SAMPLING TIME** : -  
**SAMPLING METHOD** : -  
**SAMPLING BY** : CUSTOMER  
**ANALYZED BY** : MISS AMONRAT PUTTALEE

**RECEIVED DATE** : MAY 6, 2022  
**ANALYTICAL DATE** : MAY 6-13, 2022  
**REPORT NO.** : 2022-U03593B  
**WORK NO.** : 2022-002232  
**ANALYSIS NO.** : T22A1440-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DEFLECTION LIMIT
			EFFLUENT (BUILDING A) T22A1440-0001		
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (SM: 4500-H <sup>+</sup> B)	5.2 (25°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND <sup>c</sup>	mg/L	AZIDE MODIFICATION METHOD (SM: 4500-O <sub>2</sub> C AND 5210 B)	27.4	≤ 30	2.0
SUSPENDED SOLIDS <sup>a</sup>	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: 2540 D)	10.8	≤ 40	5.0
SULPHIDE <sup>c</sup>	mg/L	IODOMETRIC METHOD (SM: 4500-S <sup>2-</sup> F)	ND	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN <sup>b</sup>	mg/L	IN-HOUSE METHOD: UAE TP WAS.001 (KJELDAHL METHOD); SM: 4500-Norg C	5.9	≤ 35	1.5
FAT, OIL AND GREASE <sup>a</sup>	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: 5520 B)	ND	≤ 20	3
<b>MICROBIOLOGY</b>					
FAECAL COLIFORM BACTERIA <sup>b</sup>	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 E)	35,000	-	1.8
<b>SAMPLE CONDITION</b> WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN		

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23<sup>RD</sup> EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23<sup>RD</sup> EDITION, 2017.

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. 122, PART 125 D, DATED DECEMBER 29, 2005.

ND : NON-DETECTABLE

*Piyapat S.*

(MRS PIYAPAT SUTTAMANUTWONG)  
LABORATORY SUPERVISOR

MAY 19, 2022

