

ภาคผนวก ค

ใบรายงานผลวิเคราะห์



Analysis Report CH2400193



Accreditation No.1031/47

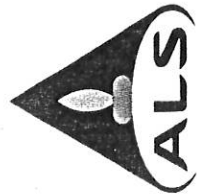
Client : Doondo Sign Juristic Person Condominium
234 Moo 5 Doondo Sign, Tambon Fa Ham, Amphoe Mueang Chiang Mai, Chiang
Mai, Thailand, 50000
P/O : ---
Project : Doondo Sign
Project Location: Doondo Sign Juristic Person Condominium

Work Order : CH2400193
Report Number : CH2400193-AA
Date Received : Jul 03, 2024
Date Reported : Jul 12, 2024
Date Analysis Commenced : Jul 03, 2024
No. of samples received : 4
Temperature : 2.8 °C
Sampled by : Takdanai Ubonsri

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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Signatories

Kittitee Jajumroon
Scientist (3)



Analysis Report CH2400193

Report Number : CH2400193-AA



Accreditation No.1031/47

Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
CH2400193-001	ถังเก็บน้ำใต้ดินอาคาร A	Consumption Water	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
CH2400193-002	ถังเก็บน้ำใต้ดินอาคาร B	Consumption Water	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
CH2400193-003	ถังเก็บน้ำใต้ดินอาคาร C	Consumption Water	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
CH2400193-004	ถังเก็บน้ำใต้ดินอาคาร D	Consumption Water	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated

Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
MC6012	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 F



Analysis Report CH2400193

Report Number : CH2400193-AA



Accreditation No.1031/47

Sub-Matrix: PROCESS WATER
(Matrix WATER)

Sub-Matrix: PROCESS WATER									
(Matrix: WATER)									
Client Sample ID									
Sampling Date									
Guideline									
Unit									
LOQ									
LOD									
Analytes									
Testing Lab									
Method									
Microbiological Parameters									
MC6012	Bangkok	Escherichia coli			in 100mL				
ถึงเก็บน้ำได้ดื่มอาคาร A						Consumption Water		Jul 02, 2024 02:45 PM	
ถึงเก็บน้ำได้ดื่มอาคาร B						Consumption Water		Jul 02, 2024 02:50 PM	
ถึงเก็บน้ำได้ดื่มอาคาร C						Consumption Water		Jul 02, 2024 02:55 PM	
CH2400193-001						Result		CH2400193-003	
CH2400193-002						Result		Result	
Detected						Detected		Detected	



Analysis Report CH2400193

Report Number : CH2400193-AA



Accreditation No.1031/47

Sub-Matrix: PROCESS WATER

(Matrix WATER)

Client Sample ID

ถังเก็บน้ำได้อาคาร D
Consumption Water

Sampling Date

Jul 02, 2024 03:00 PM

Guideline

CH2400193-004

Result

Not Detected

Microbiological Parameters

Method	Testing Lab	Analytes	LOD	LOQ	Unit	Sampling Date	Guideline	Result
MC6012	Bangkok	Escherichia coli	----	----	in 100mL	Jul 02, 2024 03:00 PM	CH2400193-004	Not Detected

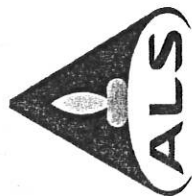
Guideline: ----

Comment: The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Sampling is not included in scope of accreditation ISO/IEC 17025

- Key:
- LOD : Limit of Detection
 - "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

----- END OF REPORT -----



Analysis Report CH2400192



Accreditation No.1031/47

Client : Dcondo Sign Juristic Person Condominium
234 Moo 5 Dcondo Sign, Tambon Fa Ham, Amphoe Mueang Chiang Mai, Chiang
Mai, Thailand, 50000
P/O :
Project : Dcondo Sign
Project Location: Dcondo Sign Juristic Person Condominium

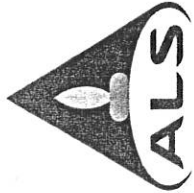
Work Order : CH2400192
Report Number : CH2400192-AA
Date Received : Jul 03, 2024
Date Reported : Jul 05, 2024
Date Analysis Commenced : Jul 04, 2024
No. of samples received : 1
Temperature : 3.2 °C
Sampled by : Takdanai Ubonsri

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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Signatories

Siriluk P.

Siriluk Bunnak
Section Head



Analysis Report CH2400192

Report Number : CH2400192-AA



Accreditation No.1031/47

Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
CH2400192-001	น้ำประปา			1x 500mL Plastic Bottle, refrigerated

Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.		
Method	Testing Lab	Method Descriptions
EN0100	Bangkok	In-house method : STM 04-011 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C



Report Number : CH2400192-AA

Accreditation No.1031/47

(Matlab WATER)

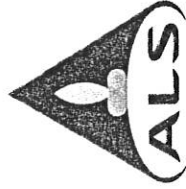
Physical and Aggregate Properties						
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Sampling Date
						Jul 02, 2024 02:40 PM
						CH2400192-001
						Result
EN0100	Bangkok	Total Dissolved Solids at 180°C		5	mg/L	138

Comment: The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Key: ° LOD : Limit of Detection

^a. "<": Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

END OF REPORT



Analysis Report CH2400194



TESTING
No.0009

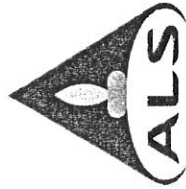
Client	: Dcondo Sign Juristic Person Condominium	Work Order	: CH2400194
	234 Moo 5 Dcondo Sign, Tambon Fa Ham, Amphoe Mueang Chiang Mai, Chiang Mai, Thailand, 50000	Report Number	: CH2400194-AA
P/O	: ---	Date Received	: Jul 03, 2024
Project	: Dcondo Sign	Date Reported	: Jul 10, 2024
Project Location:	Dcondo Sign Juristic Person Condominium	Date Analysis Commenced	: Jul 03, 2024
		No. of samples received	: 3
		Temperature	: 2.6 °C
		Sampled by	: Takdanai Ubonsri

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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Signatories

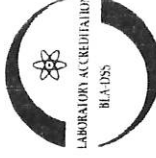
Siriluk P.

Siriluk Bunnak
Section Head



Analysis Report CH2400194

Report Number : CH2400194-AA



TESTING
No.0009

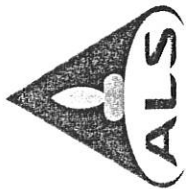
Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
CH2400194-001	จุดที่ดื่มที่สุดและมีผู้เข้าชมมากที่สุด	สระว่ายน้ำ	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
CH2400194-002	จุดที่เลิกที่สุดและมีผู้เข้าชมมากที่สุด	สระว่ายน้ำ	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
CH2400194-003	น้ำทิ้ง ก่อนระบายออกนอกโครงการ	---	---	2x 1L Plastic Bottle - Preserved with H ₂ SO ₄ , 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease, refrigerated

Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0021	Bangkok	In-house method : STM 04-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)
EN0032	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - S2 (C, F)
EN0035	Bangkok	In-house method : STM 04-100 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (D)
EN0044	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B and part 4500 - O (G)
EN0046	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D
EN0048	Bangkok	In - house method : STM 04-014 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B
EN0093	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F
EN0099	Bangkok	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D
MC6009	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B
MC6010	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, Part 9221 B
MC6020	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, Part 9221 B, E
MC6022	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E



Analysis Report CH2400194

Report Number : CH2400194-AA



TESTING
No.0009

Sub-Matrix: WASTEWATER

(Matrix: WATER)

Client Sample ID

น้ำทิ้ง ราษฎร์ราชอุบล
โครงการ

Sampling Date

Jul 02, 2024 02:30 PM

Guideline

MNRE 2548

Type A

MOPH

1/2550

Unit

Analytes

Testing Lab

LOD

LOQ

Unit

Chemical Parameters

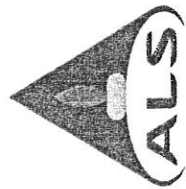
EN0044	Bangkok	BOD (5 days at 20°C)			2.0	mg/L	94.8
EN0046	Bangkok	COD			25	mg/L	149
EN0048	Bangkok	Oil & Grease			3	mg/L	3
EN0021	Bangkok	pH at 25°C			1.0	pH Unit	7.7
EN0032	Bangkok	Sulfides			0.5	mg/L	<0.5 *
EN0035	Bangkok	Total Kjeldahl Nitrogen as N	0.15	1.0	mg/L		52.6

Microbiological Parameters

MC6010	Bangkok	Total Coliforms				MPN/100mL	790000
MC6022	Bangkok	Fecal Coliforms				MPN/100mL	490000

Physical and Aggregate Properties

EN0093	Bangkok	Settleable Solids		0.1	mL/L/hr		<0.1 *
EN0099	Bangkok	Total Dissolved Solids at 103-105°C		5	mg/L		240
EN102	Bangkok	Total Suspended Solids		5	mg/L		54



Analysis Report CH2400229



TESTING
No.0009

Client : Dcondo Sign Juristic Person Condominium

234 Moo 5 Dcondo Sign, Tambon Fa Ham, Amphoe Mueang Chiang Mai, Chiang
Mai, Thailand, 50000

P/O : ---

Project : Dcondo Sign

Project Location: Dcondo Sign Juristic Person Condominium

Work Order : CH2400229

Report Number : CH2400229-AA

Date Received : Aug 06, 2024

Date Reported : Aug 13, 2024

Date Analysis Commenced : Aug 06, 2024

No. of samples received : 3

Temperature : 4.0 °C

Sampled by : Sithichok Taseeda

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.

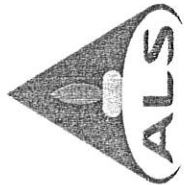
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Signatories

Nat Somb

Nanthawadee Somboon

Specialist 2



Analysis Report CH2400229

Report Number : CH2400229-AA



TESTING
No.0009

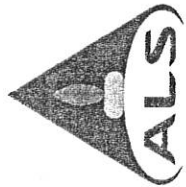
Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
CH2400229-001	จุดที่ติดตั้งและมิเตอร์ใช้รับบริการมากที่สุด	สระว่านน้ำ	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
CH2400229-002	จุดที่ติดตั้งและมิเตอร์ใช้รับบริการมากที่สุด	สระว่านน้ำ	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
CH2400229-003	น้ำทิ้ง ก่อนระบายออกนอกโครงการ	---	---	2x 1L Plastic Bottle, 1x Plastic bottle - Preserved with H ₂ SO ₄ , 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease, refrigerated

Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0021	Bangkok	In-house method : STM 04-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)
EN0032	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - S2 (C, F)
EN0035	Bangkok	In-house method : STM 04-100 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (D)
EN0044	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B and part 4500 - O (G)
EN0046	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D
EN0048	Bangkok	In - house method : STM 04-014 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B
EN0093	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F
EN0099	Bangkok	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D
MC6009	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B
MC6010	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, Part 9221 B
MC6020	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, Part 9221 B, E
MC6022	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E



Analysis Report CH2400229

Report Number : CH2400229-AA



TESTING
No.0009

Sub-Matrix: WASTEWATER

(Matrix: WATER)

Client Sample ID

น้ำทิ้ง กลั่นแยกออกเค
โครงการ

Sampling Date

Aug 05, 2024 01:45 PM

Guideline

CH2400229-003

MINRE 2548

Result

Type A

MOPH

1/2550

Unit

LOQ

LOD

Analytes

Testing Lab

Method

Chemical Parameters

END0044	Bangkok	BOD (5 days at 20°C)	---	2.0	mg/L	≤20	---	8.2	---
END0046	Bangkok	COD	---	25	mg/L	---	---	76	---
END0048	Bangkok	Oil & Grease	---	3	mg/L	≤20	---	3	---
END0021	Bangkok	pH at 25°C	---	1.0	pH Unit	5-9	---	7.8	---
END0032	Bangkok	Sulfides	---	0.5	mg/L	≤1	---	<0.5 *	---
END0035	Bangkok	Total Kjeldahl Nitrogen as N	0.15	1.0	mg/L	≤35	---	39.4	---

Microbiological Parameters

MCG0010	Bangkok	Total Coliforms	---	---	MPN/100mL	---	---	1300000	---
MCG0022	Bangkok	Fecal Coliforms	---	---	MPN/100mL	---	---	790000	---

Physical and Aggregate Properties

END0093	Bangkok	Settleable Solids	---	0.1	mL/L/hr	≤0.5	---	<0.1 *	---
END0099	Bangkok	Total Dissolved Solids at 103-105°C	---	5	mg/L	≤500	---	236	---
END102	Bangkok	Total Suspended Solids	---	5	mg/L	≤30	---	44	---



Report Number : CH2400229-AA

TESTING
No. 00009

Sub-Matrix: PROCESS WATER

(Matrix: WATER)

Sub-Matrix: PROCESS WATER							
(Matrix: WATER)							
		Client Sample ID					
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Sampling Date	
						Guideline	Result
				MNRE 2548 Type A	MOPH 1/2550	Aug 05, 2024 01:50 PM	Aug 05, 2024 01:55 PM
						CH2400229-001	CH2400229-002
						Result	Result
Microbiological Parameters							
MC6009	Bangkok	Total Coliforms			MPN/100mL	<10	<1.1
MC6020	Bangkok	Fecal Coliforms			in 100mL	Not Detected	Not Detected

Guideline: MNRE 2548 Type A: Building: Notification of The Ministry of Natural Resources and Environment on Effluent from building Type A (Guideline for TDS are in addition to the TDS of the water used not more than 500 mg/L)

MOPH 1/2550: Recommendations of The Public Health Committee on Swimming Pool Operations

Comment: The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Sampling is not included in scope of accreditation ISO/IEC 17025

Key:

- ^a LOD : Limit of Detection
^b "≤" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
^c Result(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

END OF REPORT



Analysis Report CH2400250



TESTING
No.0009

Client : Dcondo Sign Juristic Person Condominium
234 Moo 5 Dcondo Sign, Tambon Fa Ham, Amphoe Mueang Chiang Mai, Chiang
Mai, Thailand, 50000

P/O : ---

Project : Dcondo Sign

Project Location: Dcondo Sign Juristic Person Condominium

Work Order : CH2400250

Report Number : CH2400250-AA

Date Received : Sep 04, 2024

Date Reported : Sep 10, 2024

Date Analysis Commenced : Sep 04, 2024

No. of samples received : 3

Temperature : 2.0 °C

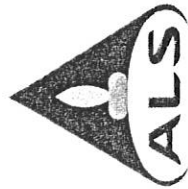
Sampled by : Natthakit Sapankaew

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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Signatories

Nant Somb

Nanthawadee Somboon
Specialist 2



Analysis Report CH2400250

Report Number : CH2400250-AA



TESTING
No.0009

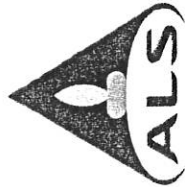
Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
CH2400250-001	จุดที่เดินที่สุดและมีผู้ให้บริการมากที่สุด	สระว่ายน้ำ	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
CH2400250-002	จุดที่ลึกที่สุดและมีผู้ให้บริการมากที่สุด	สระว่ายน้ำ	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
CH2400250-003	น้ำทิ้ง ก่อนระบายออกนอกโครงการ	---	---	1x 1L Plastic Bottle, 1x 500mL Plastic Bottle, 1x Plastic bottle - Preserved with H2SO4, 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease, refrigerated

Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0021	Bangkok	In-house method : STM 04-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)
EN0032	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - S2 (C, F)
EN0035	Bangkok	In-house method : STM 04-100 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (D)
EN0044	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B and part 4500 - O (G)
EN0046	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D
EN0048	Bangkok	In - house method : STM 04-014 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B
EN0093	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F
EN0100	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D
MC6009	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B
MC6010	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, Part 9221 B
MC6020	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, Part 9221 B, E
MC6022	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E



Analysis Report CH2400250

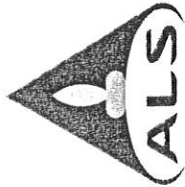
Report Number : CH2400250-AA



TESTING
No.0009

Sub-Matrix: WASTEWATER
(Matrix WATER)

Sub-Matrix: WASTEWATER				Client Sample ID				นำส่ง ค่าวิเคราะห์ทดสอบ			
(Matrix: WATER)								โครงการ			
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Sampling Date		Result			
						Guideline	MOPH				
Chemical Parameters											
EN0044	Bangkok	BOD (5 days at 20°C)		2.0	mg/L	≤20		19.2			
EN0046	Bangkok	COD		25	mg/L			113			
EN0048	Bangkok	Oil & Grease		3	mg/L	≤20		4			
EN0021	Bangkok	pH at 25°C		1.0	pH Unit	5.5-9		7.3			
EN0032	Bangkok	Sulfides		0.5	mg/L	≤1		<0.5 *			
EN0035	Bangkok	Total Kjeldahl Nitrogen as N	0.15	1.0	mg/L	≤35		39.2			
Microbiological Parameters											
MC6010	Bangkok	Total Coliforms			MPN/100mL			490000			
MC6022	Bangkok	Fecal Coliforms			MPN/100mL			330000			
Physical and Aggregate Properties											
EN0093	Bangkok	Settleable Solids		0.1	mL/L/hr			<0.1 *			
EN0100	Bangkok	Total Dissolved Solids at 180°C		5	mg/L	≤1000		216			
EN0102	Bangkok	Total Suspended Solids		5	mg/L	≤30		74			



Analysis Report CH2400250

Report Number : CH2400250-AA



TESTING
No.0009

Sub-Matrix: PROCESS WATER
(Matrix: WATER)

Client Sample ID				จุดที่เก็บตัวอย่างและมีการให้บริการ		จุดที่เก็บตัวอย่างและมีการให้บริการ	
Sampling Date				มากที่สุด		มากที่สุด	
Guideline				Sep 03, 2024 10:30 AM		Sep 03, 2024 10:35 AM	
MNRE 2567 Type A				CH2400250-001		CH2400250-002	
MOPH 1/2550				Result		Result	
Unit				<10		<1.1	
LOQ				MPN/100mL		in 100mL	
LOD				Not Detected		Not Detected	
Analytes				Total Coliforms		Fecal Coliforms	
Testing Lab				Bangkok		Bangkok	
Method				MC6009		MC6020	
Microbiological Parameters				Result		Result	
Total Coliforms				<10		<1.1	
Fecal Coliforms				Not Detected		Not Detected	

Guideline: MNRE 2567 Type A: Building: Notification of The Ministry of Natural Resources and Environment on Effluent from building Type A

MOPH 1/2550: Recommendations of The Public Health Committee on Swimming Pool Operations

Comment: The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Sampling is not included in scope of accreditation ISO/IEC 17025

- Key:
- LOD : Limit of Detection
 - "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
 - Result(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

----- END OF REPORT -----



Analysis Report CH2400287



TESTING
No.0009

Client : Dcondo Sign Juristic Person Condominium
234 Moo 5 Dcondo Sign, Tambon Fa Ham, Amphoe Mueang Chiang Mai, Chiang
Mai, Thailand, 50000
P/O : ----
Project : Dcondo Sign
Project Location: Dcondo Sign Juristic Person Condominium

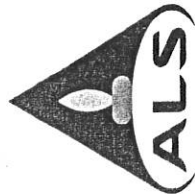
Work Order : CH2400287
Report Number : CH2400287-AA
Date Received : Oct 24, 2024
Date Reported : Oct 30, 2024
Date Analysis Commenced : Oct 24, 2024
No. of samples received : 3
Temperature : 2.8 °C
Sampled by : Takdanai Ubonsri

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Signatories

Kittitee Jamjumroon

Scientist (3)



Analysis Report CH2400287

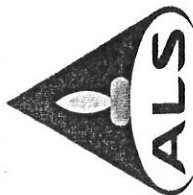
Report Number : CH2400287-AA



TESTING
No.0009

Sample Receipt and Conditions				
Sample ID	Sample Name	Sample Description	GPS	Conditions
CH2400287-001	จุดที่ดื่มที่สุดและมีผู้ให้บริการมากที่สุด	สระว่ายน้ำ	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
CH2400287-002	จุดที่ลึกที่สุดและมีผู้ให้บริการมากที่สุด	สระว่ายน้ำ	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
CH2400287-003	น้ำทิ้ง ก่อนระบายออกนอกโครงการ	---	---	2x 1L Plastic Bottle - Preserved with H2SO4, 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease, refrigerated

Brief Method Summaries	
The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.	
Method	Method Descriptions
EN0021	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0032	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - S2 (C, F)
EN0035	In-house method : STM 04-100 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (D)
EN0044	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B and part 4500 - O (G)
EN0046	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D
EN0048	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B
EN0093	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F
EN0100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C
EN0102	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D
MC6009	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, Part 9221 B
MC6010	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, Part 9221 B
MC6020	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, Part 9221 E
MC6022	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, Part 9221 E



Analysis Report CH2400287

Report Number : CH2400287-AA



TESTING
No.0009

Sub-Matrix: WASTEWATER
(Matrix WATER)

Client Sample ID

น้ำทิ้ง ก่อระบบบำบัด
โครงการ

Sampling Date

Oct 23, 2024 10:30 AM

Guideline

CH2400287-003

MNRE 2567
Type A

MOPH
1/2550

Result

Chemical Parameters

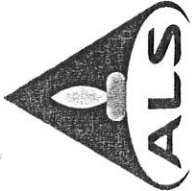
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline	Result
EN0044	Bangkok	BOD (5 days at 20°C)	---	2.0	mg/L	≤20	18.9
EN0046	Bangkok	COD	---	25	mg/L	---	66
EN0048	Bangkok	Oil & Grease	---	3	mg/L	≤20	3
EN0021	Bangkok	pH at 25°C	---	1.0	pH Unit	5.5-9	7.4
EN0032	Bangkok	Sulfides	---	0.5	mg/L	≤1	<0.5 *
EN0035	Bangkok	Total Kjeldahl Nitrogen as N	0.15	1.0	mg/L	≤35	28.1

Microbiological Parameters

MC6010	Bangkok	Total Coliforms	---	---	MPN/100mL	---	240000
MC6022	Bangkok	Fecal Coliforms	---	---	MPN/100mL	---	130000

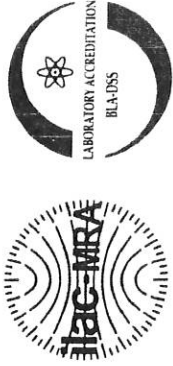
Physical and Aggregate Properties

EN0093	Bangkok	Settleable Solids	---	0.1	mL/L/hr	---	<0.1 *
EN0100	Bangkok	Total Dissolved Solids at 180°C	---	5	mg/L	≤1000	168
EN0102	Bangkok	Total Suspended Solids	---	5	mg/L	≤30	32



Analysis Report CH2400287

Report Number : CH2400287-AA



TESTING
No.0009

Sub-Matrix: PROCESS WATER

(Matrix: WATER)

Client Sample ID							จุดที่เก็บตัวอย่าง		จุดที่ส่งตัวอย่าง	
Sampling Date							มากที่สุด		มากที่สุด	
Guideline							MOPH 2567 Type A		MOPH 2567 Type A	
Unit							MPN/100mL		MPN/100mL	
LOQ							in 100mL		in 100mL	
LOD							MPN/100mL		MPN/100mL	
Analytes							Total Coliforms		Total Coliforms	
Testing Lab							Bangkok		Bangkok	
Method							MC6009		MC6020	
Microbiological Parameters							Result		Result	
							<10		<1.1	
							Not Detected		Not Detected	
							CH2400287-001		CH2400287-002	
							Oct 23, 2024 10:20 AM		Oct 23, 2024 10:25 AM	
							มากที่สุด		มากที่สุด	
							สรวายน้ำ		สรวายน้ำ	
							จุดที่เก็บตัวอย่าง		จุดที่ส่งตัวอย่าง	

Guideline: MNRE 2567 Type A: Building: Notification of The Ministry of Natural Resources and Environment on Effluent from building Type A

MOPH 1/2550: Recommendations of The Public Health Committee on Swimming Pool Operations

Comment: The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

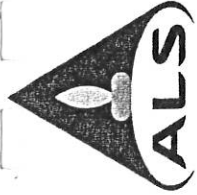
Sampling is not included in scope of accreditation ISO/IEC 17025

Key: ° LOD : Limit of Detection

° "c" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

° Result(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

----- END OF REPORT -----



Analysis Report CH2400288



Accreditation No.1031/47

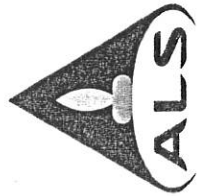
Client : Dcondo Sign Juristic Person Condominium
234 Moo 5 Dcondo Sign, Tambon Fa Ham, Amphoe Mueang Chiang Mai, Chiang
Mai, Thailand, 50000
P/O : ---
Project : Dcondo Sign
Project Location: Dcondo Sign Juristic Person Condominium

Work Order : CH2400288
Report Number : CH2400288-AA
Date Received : Oct 24, 2024
Date Reported : Nov 04, 2024
Date Analysis Commenced : Oct 24, 2024
No. of samples received : 4
Temperature : 2.8 °C
Sampled by : Takdanai Ubonsri

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Signatories

Kittitee Jamsunroon
Scientist (3)



Analysis Report CH2400288

Report Number : CH2400288-AA



Accreditation No.1031/47

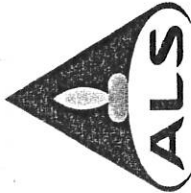
Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
CH2400288-001	ถังเก็บน้ำใต้ดินอาคาร A	Consumption Water	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
CH2400288-002	ถังเก็บน้ำใต้ดินอาคาร B	Consumption Water	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
CH2400288-003	ถังเก็บน้ำใต้ดินอาคาร C	Consumption Water	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
CH2400288-004	ถังเก็บน้ำใต้ดินอาคาร D	Consumption Water	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated

Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
MC6012	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 F



Analysis Report CH2400288

Report Number : CH2400288-AA

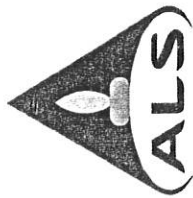


Accreditation No.1031/47

Sub-Matrix: PROCESS WATER
(MatbC WATER)

Client Sample ID

Sub-Matrix: PROCESS WATER										
(Main WATER)										
Client Sample ID										
Sampling Date										
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		ถึงเก็บน้ำได้ดื่มอาคาร A Consumption Water	ถึงเก็บน้ำได้ดื่มอาคาร B Consumption Water	ถึงเก็บน้ำได้ดื่มอาคาร C Consumption Water
						---	---			
								Oct 23, 2024 10:00 AM	Oct 23, 2024 10:05 AM	Oct 23, 2024 10:10 AM
								CH2400288-001	CH2400288-002	CH2400288-003
								Result	Result	Result
Microbiological Parameters										
MC6012	Bangkok	Escherichia coli	----	----	in 100mL	----	----	Not Detected	Not Detected	Not Detected



Analysis Report CH2400288

Report Number : CH2400288-AA



Accreditation No.1031/47

Sub-Matrix: PROCESS WATER
(Mettac WATER)

Client Sample ID				Sampling Date				Guideline				Result			
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Sampling Date	Guideline	Sampling Date	Guideline	Sampling Date	Guideline	Sampling Date	Guideline	Sampling Date	Guideline
Microbiological Parameters															
MC6012	Bangkok	Escherichia coli			in 100mL	Oct 23, 2024 10:15 AM	CH2400288-004	Oct 23, 2024 10:15 AM	CH2400288-004	Oct 23, 2024 10:15 AM	CH2400288-004	Oct 23, 2024 10:15 AM	CH2400288-004	Oct 23, 2024 10:15 AM	CH2400288-004
Not Detected															

Guideline: -----

Comment: The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Sampling is not included in scope of accreditation ISO/IEC 17025

Key: ° LOD : Limit of Detection

° "L" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

----- END OF REPORT -----



Analysis Report CH2400303



TESTING
No.0009

Client : Dcondo Sign Juristic Person Condominium
234 Moo 5 Dcondo Sign, Tambon Fa Ham, Amphoe Mueang Chiang Mai, Chiang
Mai, Thailand, 50000
P/O :
Project : Dcondo Sign
Project Location: Dcondo Sign Juristic Person Condominium

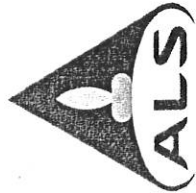
Work Order : CH2400303
Report Number : CH2400303-AA
Date Received : Nov 07, 2024
Date Reported : Nov 14, 2024
Date Analysis Commenced : Nov 07, 2024
No. of samples received : 3
Temperature : 2.1 °C
Sampled by : Phanudeth Petchaut

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Signatories

Nant Sont

Nanthawadee Somboon
Specialist 2



Analysis Report CH2400303

Report Number : CH2400303-AA



TESTING
No.0009

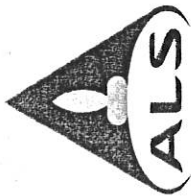
Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
CH2400303-001	จุดที่ติดตั้งและไม่มีผู้ให้บริการมากที่สุด	สระว่ายน้ำ	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
CH2400303-002	จุดที่ลึกที่สุดและมีผู้ให้บริการมากที่สุด	สระว่ายน้ำ	---	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
CH2400303-003	น้ำทิ้ง ก่อนระบายออกนอกโครงการ	---	---	2x 1L Plastic Bottle, 1x Plastic bottle - Preserved with H2SO4, 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease, refrigerated

Brief Method Summaries

The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.

Method	Testing Lab	Method Descriptions
EN0021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0032	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - S2 (C, F)
EN0035	Bangkok	In-house method : STM 04-100 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (D)
EN0044	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B and part 4500 - O (G)
EN0046	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D
EN0048	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B
EN0093	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F
EN0100	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C
EN0102	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D
MC6009	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, Part 9221 B
MC6010	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, Part 9221 B
MC6020	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, Part 9221 E
MC6022	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, Part 9221 E



Analysis Report CH2400303

Report Number : CH2400303-AA



TESTING
No.0009

Sub-Matrix: WASTEWATER
(Matrix: WATER)

Sub-Matrix: WASTEWATER (Matrix: WATER)				Client Sample ID		นำส่ง ห้องระแนงออกแวก โครงการ	
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Sampling Date	
						Guideline	Result
Chemical Parameters							
EN0044	Bangkok	BOD (5 days at 20°C)		2.0	mg/L	≤20	20.0
EN0046	Bangkok	COD		25	mg/L		104
EN0048	Bangkok	Oil & Grease		3	mg/L	≤20	<3
EN0021	Bangkok	pH at 25°C		1.0	pH Unit	5.5-9	7.7
EN0032	Bangkok	Sulfides		0.5	mg/L	≤1	0.8 *
EN0035	Bangkok	Total Kjeldahl Nitrogen as N	0.15	1.0	mg/L	≤35	58.8
Microbiological Parameters							
MC6010	Bangkok	Total Coliforms			MPN/100mL		240000
MC6022	Bangkok	Fecal Coliforms			MPN/100mL		130000
Physical and Aggregate Properties							
EN0093	Bangkok	Settleable Solids		0.1	mL/L/hr		<0.1 *
EN0100	Bangkok	Total Dissolved Solids at 180°C		5	mg/L	≤1000	300
EN0102	Bangkok	Total Suspended Solids		5	mg/L	≤30	35



Analysis Report CH2400303

Report Number : CH2400303-AA



TESTING
No.0009

Sub-Matrix: PROCESS WATER

(Matrix: WATER)

Client Sample ID					จุดที่เก็บตัวอย่าง		จุดที่ส่งตัวอย่าง	
Sampling Date					มากที่สุด		มากที่สุด	
Guideline					สะพานแก้ว		สะพานแก้ว	
Unit					Result		Result	
MNRE 2567 Type A					CH2400303-001		CH2400303-002	
MOPH 1/2550					Nov 06, 2024 10:00 AM		Nov 06, 2024 10:10 AM	
LOQ					<1.1		<1.1	
LOD					Not Detected		Not Detected	
MPN/100mL					<10		<1.1	
in 100mL					Not Detected		Not Detected	
Microbiological Parameters								
Total Coliforms								
Fecal Coliforms								
Bangkok								
Bangkok								

Guideline: MNRE 2567 Type A: Building: Notification of The Ministry of Natural Resources and Environment on Effluent from building Type A

MOPH 1/2550: Recommendations of The Public Health Committee on Swimming Pool Operations

Comment: The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

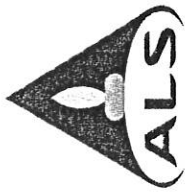
Sampling is not included in scope of accreditation ISO/IEC 17025

Key: ° LOD : Limit of Detection

° "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

° Result(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

----- END OF REPORT -----



Analysis Report CH2400346



TESTING
No.0009

Client : Dcondo Sign Juristic Person Condominium
234 Moo 5 Dcondo Sign, Tambon Fa Ham, Amphoe Mueang Chiang Mai, Chiang
Mai, Thailand, 50000
P/O :
Project : Dcondo Sign
Project Location: Dcondo Sign Juristic Person Condominium

Work Order : CH2400346
Report Number : CH2400346-AA
Date Received : Dec 21, 2024
Date Reported : Dec 27, 2024
Date Analysis Commenced : Dec 21, 2024
No. of samples received : 3
Temperature : 4.6 °C
Sampled by : Chaloamkiat Amornriserm

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Signatories

Nant Somb

Nanthawadee Somboon
Specialist 2



Analysis Report CH2400346

Report Number : CH2400346-AA



TESTING
No.0009

Sample Receipt and Conditions			
Sample ID	Sample Name	Sample Description	Conditions
CH2400346-001	จุดที่เดินที่สุดและมีผู้ให้บริการมากที่สุด	สระว่ายน้ำ	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
CH2400346-002	จุดที่ลึกที่สุดและมีผู้ให้บริการมากที่สุด	สระว่ายน้ำ	1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
CH2400346-003	น้ำทิ้ง ก่อนระบายออกนอกโครงการ	---	2x 1L Plastic Bottle, 1x Plastic bottle - Preserved, refrigerated with H ₂ SO ₄ , 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease

Brief Method Summaries	
The methods in the analysis report are short format, refer to full test methods in accordance with the ISO/IEC 17025 certificate no. specified in the analysis report.	
Method	Method Descriptions
EN0021	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0032	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - S2 (C, F)
EN0035	In-house method : STM 04-100 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (D)
EN0044	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B and part 4500 - O (G)
EN0046	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D
EN0048	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B
EN0093	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F
EN0100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C
EN0102	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D
MC6009	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, Part 9221 B
MC6010	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, Part 9221 B
MC6020	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, Part 9221 E
MC6022	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, Part 9221 E



Analysis Report CH2400346

Report Number : CH2400346-AA



TESTING
No.0009

Sub-Matrix: WASTEWATER

(Matrix: WATER)

Sub-Matrix: WASTEWATER (Main: WATER)				Client Sample ID		นำส่ง กล้องจุลทรรศน์ โครงการ	
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Sampling Date	
						Guideline	
						MNRE 2567 Type A	MOPH 1/2550
Chemical Parameters							
EN0044	Bangkok	BOD (5 days at 20°C)		2.0	mg/L	≤20	12.3
EN0046	Bangkok	COD		25	mg/L		83
EN0048	Bangkok	Oil & Grease		3	mg/L	≤20	<3
EN0021	Bangkok	pH at 25°C		1.0	pH Unit	5.5-9	7.5
EN0032	Bangkok	Sulfides		0.5	mg/L	≤1	<0.5 *
EN0035	Bangkok	Total Kjeldahl Nitrogen as N	0.15	1.0	mg/L	≤35	26.7
Microbiological Parameters							
MC6010	Bangkok	Total Coliforms			MPN/100mL		790000
MC6022	Bangkok	Fecal Coliforms			MPN/100mL		330000
Physical and Aggregate Properties							
EN0093	Bangkok	Settleable Solids		0.1	mL/L/hr		<0.1 *
EN0100	Bangkok	Total Dissolved Solids at 180°C		5	mg/L	≤1000	240
EN0102	Bangkok	Total Suspended Solids		5	mg/L	≤30	38



Report Number : CH2400346-AA

(Matrix: WATER)

TESTING
No.0009

Guideline: MNRE 2567 Type A: Building: Notification of The Ministry of Natural Resources and Environment on Effluent from building Type A

MOPH 1/2550: Recommendations of The Public Health Committee on Swimming Pool Operations

Comment: The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Sampling is not included in scope of accreditation ISO/IEC 17025

Key: ° LOD : Limit of Detection

^a " $<$ ": Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

° Result(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

END OF REPORT