

ภาคผนวก ค

ใบรับรองผลการวิเคราะห์คุณภาพน้ำ



Analysis Report BK2411642



TESTING
No.0009

Client : Suwan Estate Co., Ltd.
1511, Sukhumvit Rd., Phra Khanong Nuea, Watthana, Bangkok, Thailand, 10110
P/O : 2311046
Project : ----
Project Location: Jasmine Resort Hotel

Work Order : **BK2411642**
Report Number : BK2411642-AA
Date Received : Jul 10, 2024
Date Reported : Jul 20, 2024
Date Analysis Commenced : Jul 11, 2024
No. of samples received : 2
Temperature : 3.5 °C
Sampled by : Theeraphol Sangthong

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

Kanokkorn Anek
Assistant General Manager



Analysis Report BK2411642

Report Number : BK2411642-AA



TESTING
No.0009

Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
BK2411642-001	น้ำทิ้งที่ปล่อยน้ำก่อนเข้าระบบบำบัดน้ำเสีย	----	----	1x Plastic bottle - Preserved with H ₂ SO ₄ , 2x 1L Plastic Bottle, 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease, refrigerated
BK2411642-002	น้ำทิ้งที่ผ่านการบำบัดก่อนระบายออกสู่ภายนอกโครงการ	----	----	1x Plastic bottle - Preserved with H ₂ SO ₄ , 2x 1L Plastic Bottle, 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)
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
MC6010	Bangkok	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, Part 9221 B



Analysis Report BK2411642

Report Number : BK2411642-AA



TESTING
No.0009

Sub-Matrix: WASTEWATER

(Matrix: WATER)

Client Sample ID

น้ำทิ้งที่ปล่อยน้ำก่อนเข้าระบบ
บำบัดน้ำเสีย

น้ำทิ้งที่ผ่านการบำบัดก่อน
ระบายออกสู่ภายนอกโครงการ

Sampling Date

Jul 10, 2024 11:35 AM

Jul 10, 2024 11:39 AM

Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		BK2411642-001	BK2411642-002	-----
						MNRE 2548 Type A	----	Result	Result	----

Chemical Parameters

EN0044	Bangkok	BOD (5 days at 20°C)	----	2.0	mg/L	≤20	----	83.2	6.2	----
EN0048	Bangkok	Oil & Grease	----	3	mg/L	≤20	----	7	<3	----
EN0021	Bangkok	pH at 25°C	----	1.0	pH Unit	5-9	----	7.2	7.2	----
EN0032	Bangkok	Sulfides	----	0.5	mg/L	≤1	----	11.4 *	<0.5 *	----
EN0035	Bangkok	Total Kjeldahl Nitrogen as N	0.15	1.0	mg/L	≤35	----	47.6	1.6	----

Microbiological Parameters

MC6010	Bangkok	Total Coliforms	----	----	MPN/100mL	----	----	4900000	22000	----
--------	---------	-----------------	------	------	-----------	------	------	---------	-------	------

Physical and Aggregate Properties

EN0093	Bangkok	Settleable Solids	----	0.1	mL/L/hr	≤0.5	----	1 *	<0.1 *	----
EN0099	Bangkok	Total Dissolved Solids at 103-105°C	----	5	mg/L	≤500	----	328	252	----
EN0102	Bangkok	Total Suspended Solids	----	5	mg/L	≤30	----	54	8	----

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)

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 BK2411642



Accreditation No.1031/47

Client : Suwan Estate Co., Ltd.
1511, Sukhumvit Rd., Phra Khanong Nuea, Watthana, Bangkok, Thailand, 10110
P/O : 2311046
Project : ----
Project Location: Jasmine Resort Hotel

Work Order : **BK2411642**
Report Number : BK2411642-AB
Date Received : Jul 10, 2024
Date Reported : Jul 20, 2024
Date Analysis Commenced : Jul 11, 2024
No. of samples received : 1
Temperature : 3.5 °C
Sampled by : Theeraphol Sangthong

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

Nanthawadee Somboon

Specialist 2

ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Life Sciences

104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand T +662 760 3000



Analysis Report BK2411642

Report Number : BK2411642-AB



Accreditation No.1031/47

Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
BK2411642-003	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



Analysis Report BK2411642

Report Number : BK2411642-AB



Accreditation No.1031/47

Sub-Matrix: PROCESS WATER						Client Sample ID		น้ำประปา		---	---
(Matrix: WATER)											
Sampling Date								Jul 10, 2024 10:28 AM		---	---
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		BK2411642-003		-----	-----
						----	----	Result		---	---
Physical and Aggregate Properties											
EN0100	Bangkok	Total Dissolved Solids at 180°C	----	5	mg/L	----	----	228		----	----

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 BK2413623



TESTING
No.0009

Client : Suwan Estate Co., Ltd.
1511, Sukhumvit Rd., Phra Khanong Nuea, Watthana, Bangkok, Thailand, 10110
P/O : 2311046
Project : ----
Project Location: Jasmine Resort Hotel

Work Order : **BK2413623**
Report Number : BK2413623-AA
Date Received : Aug 14, 2024
Date Reported : Aug 23, 2024
Date Analysis Commenced : Aug 15, 2024
No. of samples received : 2
Temperature : 3.9 °C
Sampled by : Panupong Homewong

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Signatories

Nanthawadee Somboon
Specialist 2

ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Life Sciences

104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand T +662 760 3000



Analysis Report BK2413623

Report Number : BK2413623-AA



TESTING
No.0009

Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
BK2413623-001	น้ำทิ้งที่ปล่อยน้ำก่อนเข้าระบบบำบัดน้ำเสีย	----	----	1x Plastic bottle - Preserved with H ₂ SO ₄ , 2x 1L Plastic Bottle, 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease, refrigerated
BK2413623-002	น้ำทิ้งที่ผ่านการบำบัดก่อนระบายออกสู่ภายนอกโครงการ	----	----	1x Plastic bottle - Preserved with H ₂ SO ₄ , 2x 1L Plastic Bottle, 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)
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
MC6010	Bangkok	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, Part 9221 B



Analysis Report BK2413623

Report Number : BK2413623-AA



TESTING
No.0009

Sub-Matrix: WASTEWATER

(Matrix: WATER)

Client Sample ID

น้ำทิ้งที่ปล่อยน้ำก่อนเข้าระบบ
บำบัดน้ำเสีย

น้ำทิ้งที่ผ่านการบำบัดก่อน
ระบายออกสู่ภายนอกโครงการ

Sampling Date

Aug 14, 2024 09:25 AM

Aug 14, 2024 09:20 AM

Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		BK2413623-001	BK2413623-002	-----
						MNRE 2548 Type A	----	Result	Result	----
Chemical Parameters										
EN0044	Bangkok	BOD (5 days at 20°C)	----	2.0	mg/L	≤20	----	86.6	12.5	----
EN0048	Bangkok	Oil & Grease	----	3	mg/L	≤20	----	9	<3	----
EN0021	Bangkok	pH at 25°C	----	1.0	pH Unit	5-9	----	7.3	7.0	----
EN0032	Bangkok	Sulfides	----	0.5	mg/L	≤1	----	8.8 *	<0.5 *	----
EN0035	Bangkok	Total Kjeldahl Nitrogen as N	0.15	1.0	mg/L	≤35	----	46.9	9.9	----
Microbiological Parameters										
MC6010	Bangkok	Total Coliforms	----	----	MPN/100mL	----	----	3300000	49000	----
Physical and Aggregate Properties										
EN0093	Bangkok	Settleable Solids	----	0.1	mL/L/hr	≤0.5	----	0.1 *	<0.1 *	----
EN0099	Bangkok	Total Dissolved Solids at 103-105°C	----	5	mg/L	≤500	----	320	252	----
EN0102	Bangkok	Total Suspended Solids	----	5	mg/L	≤30	----	37	6	----

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)

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 BK2413623



Accreditation No.1031/47

Client : Suwan Estate Co., Ltd.
1511, Sukhumvit Rd., Phra Khanong Nuea, Watthana, Bangkok, Thailand, 10110
P/O : 2311046
Project : ----
Project Location: Jasmine Resort Hotel

Work Order : **BK2413623**
Report Number : BK2413623-AB
Date Received : Aug 14, 2024
Date Reported : Aug 23, 2024
Date Analysis Commenced : Aug 15, 2024
No. of samples received : 1
Temperature : 3.9 °C
Sampled by : Panupong Homewong

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

Nanthawadee Somboon
Specialist 2



Analysis Report BK2413623

Report Number : BK2413623-AB



Accreditation No.1031/47

Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
BK2413623-003	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



Analysis Report BK2413623

Report Number : BK2413623-AB



Accreditation No.1031/47

Sub-Matrix: PROCESS WATER						Client Sample ID		น้ำประปา	---	---
(Matrix: WATER)						Sampling Date		Aug 14, 2024 09:28 AM	---	---
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		BK2413623-003	-----	-----
						----	----	Result	----	----
Physical and Aggregate Properties										
EN0100	Bangkok	Total Dissolved Solids at 180°C	----	5	mg/L	----	----	166	----	----

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 BK2415338



TESTING
No.0009

Client : Suwan Estate Co., Ltd.
1511, Sukhumvit Rd., Phra Khanong Nuea, Watthana, Bangkok, Thailand, 10110
P/O : 2311046
Project : ----
Project Location: Jasmine Resort Hotel

Work Order : **BK2415338**
Report Number : BK2415338-AA
Date Received : Sep 11, 2024
Date Reported : Sep 23, 2024
Date Analysis Commenced : Sep 11, 2024
No. of samples received : 2
Temperature : 3.6 °C
Sampled by : Panupong Homewong

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

Sithichok

Sithichok Thong-Nguen

Scientist (3)

ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Life Sciences

104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand T +662 760 3000



Analysis Report BK2415338

Report Number : BK2415338-AA



TESTING
No.0009

Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
BK2415338-001	น้ำทิ้งที่ปล่อยน้ำก่อนเข้าระบบบำบัดน้ำเสีย	----	----	1x Plastic bottle - Preserved with H ₂ SO ₄ , 1x 1L Plastic Bottle, 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease, 1x 500mL Plastic Bottle, refrigerated
BK2415338-002	น้ำทิ้งที่ผ่านการบำบัดก่อนระบายออกสู่ภายนอกโครงการ	----	----	1x Plastic bottle - Preserved with H ₂ SO ₄ , 1x 1L Plastic Bottle, 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease, 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
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)
EN0048	Bangkok	In - house method : STM 04-014 based on 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
MC6010	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B



Analysis Report BK2415338

Report Number : BK2415338-AA



TESTING
No.0009

Sub-Matrix: WASTEWATER

(Matrix: WATER)

Client Sample ID

น้ำทิ้งที่บ่อดักน้ำก่อนเข้าระบบ
บำบัดน้ำเสีย

น้ำทิ้งที่ผ่านการบำบัดก่อน
ระบายออกสู่ภายนอกโครงการ

Sampling Date

Sep 11, 2024 08:30 AM

Sep 11, 2024 08:25 AM

Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		BK2415338-001	BK2415338-002	-----
						MNRE 2567 Type A	----	Result	Result	----

Chemical Parameters

EN0044	Bangkok	BOD (5 days at 20°C)	----	2.0	mg/L	≤20	----	38.8	6.4	----
EN0048	Bangkok	Oil & Grease	----	3	mg/L	≤20	----	4	<3	----
EN0021	Bangkok	pH at 25°C	----	1.0	pH Unit	5.5-9	----	7.3	6.7	----
EN0032	Bangkok	Sulfides	----	0.5	mg/L	≤1	----	7.6 *	<0.5 *	----
EN0035	Bangkok	Total Kjeldahl Nitrogen as N	0.15	1.0	mg/L	≤35	----	43.6	4.4	----

Microbiological Parameters

MC6010	Bangkok	Total Coliforms	----	----	MPN/100mL	----	----	3300000	33000	----
--------	---------	-----------------	------	------	-----------	------	------	---------	-------	------

Physical and Aggregate Properties

EN0093	Bangkok	Settleable Solids	----	0.1	mL/L/hr	----	----	0.1 *	<0.1 *	----
EN0100	Bangkok	Total Dissolved Solids at 180°C	----	5	mg/L	≤1000	----	188	208	----
EN0102	Bangkok	Total Suspended Solids	----	5	mg/L	≤30	----	31	18	----

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

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 BK2415338



Accreditation No.1031/47

Client : Suwan Estate Co., Ltd.
1511, Sukhumvit Rd., Phra Khanong Nuea, Watthana, Bangkok, Thailand, 10110
P/O : 2311046
Project : ----
Project Location: Jasmine Resort Hotel

Work Order : **BK2415338**
Report Number : BK2415338-AB
Date Received : Sep 11, 2024
Date Reported : Sep 23, 2024
Date Analysis Commenced : Sep 12, 2024
No. of samples received : 1
Temperature : 3.6 °C
Sampled by : Panupong Homewong

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

Nanthawadee Somboon
Specialist 2



Analysis Report BK2415338

Report Number : BK2415338-AB



Accreditation No.1031/47

Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
BK2415338-003	น้ำประปา	----	----	1x 1L 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, 24th ed., 2023, part 2540 C



Analysis Report BK2415338

Report Number : BK2415338-AB



Accreditation No.1031/47

Sub-Matrix: PROCESS WATER						Client Sample ID		น้ำประปา	---	---
(Matrix: WATER)						Sampling Date		Sep 11, 2024 08:19 AM	---	---
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		BK2415338-003	-----	-----
						----	----	Result	----	----
Physical and Aggregate Properties										
EN0100	Bangkok	Total Dissolved Solids at 180°C	----	5	mg/L	----	----	122	----	----

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 BK2417505



TESTING
No.0009

Client : Suwan Estate Co., Ltd.
1511, Sukhumvit Rd., Phra Khanong Nuea, Watthana, Bangkok, Thailand, 10110
P/O : 2311046
Project : ----
Project Location: Jasmine Resort Hotel

Work Order : **BK2417505**
Report Number : BK2417505-AA
Date Received : Oct 09, 2024
Date Reported : Oct 21, 2024
Date Analysis Commenced : Oct 09, 2024
No. of samples received : 2
Temperature : 3.6 °C
Sampled by : Panupong Homewong

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 BK2417505

Report Number : BK2417505-AA



TESTING
No.0009

Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
BK2417505-001	น้ำทิ้งที่บ่อกักน้ำก่อนเข้าระบบบำบัดน้ำเสีย	----	----	1x Plastic bottle - Preserved with H ₂ SO ₄ , 2x 1L Plastic Bottle, 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease, refrigerated
BK2417505-002	น้ำทิ้งที่ผ่านการบำบัดก่อนระบายออกสู่ภายนอกโครงการ	----	----	1x Plastic bottle - Preserved with H ₂ SO ₄ , 2x 1L Plastic Bottle, 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)
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
MC6010	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 B



Analysis Report BK2417505

Report Number : BK2417505-AA



TESTING
No.0009

Sub-Matrix: WASTEWATER

(Matrix: WATER)

Client Sample ID

น้ำทิ้งที่ปล่อยน้ำก่อนเข้าระบบ
บำบัดน้ำเสีย

น้ำทิ้งที่ผ่านการบำบัดก่อน
ระบายออกสู่ภายนอกโครงการ

Sampling Date

Oct 09, 2024 08:30 AM

Oct 09, 2024 08:25 AM

Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		BK2417505-001	BK2417505-002	-----
						MNRE 2567 Type A	----	Result	Result	----
Chemical Parameters										
EN0044	Bangkok	BOD (5 days at 20°C)	----	2.0	mg/L	≤20	----	72.6	4.8	----
EN0048	Bangkok	Oil & Grease	----	3	mg/L	≤20	----	12	3	----
EN0021	Bangkok	pH at 25°C	----	1.0	pH Unit	5.5-9	----	7.3	6.8	----
EN0032	Bangkok	Sulfides	----	0.5	mg/L	≤1	----	7.2 *	<0.5 *	----
EN0035	Bangkok	Total Kjeldahl Nitrogen as N	0.15	1.0	mg/L	≤35	----	33.9	7.4	----
Microbiological Parameters										
MC6010	Bangkok	Total Coliforms	----	----	MPN/100mL	----	----	1300000	7900	----
Physical and Aggregate Properties										
EN0093	Bangkok	Settleable Solids	----	0.1	mL/L/hr	----	----	0.5 *	<0.1 *	----
EN0100	Bangkok	Total Dissolved Solids at 180°C	----	5	mg/L	≤1000	----	240	228	----
EN0102	Bangkok	Total Suspended Solids	----	5	mg/L	≤30	----	65	17	----

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

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 BK2417505



Accreditation No.1031/47

Client : Suwan Estate Co., Ltd.
1511, Sukhumvit Rd., Phra Khanong Nuea, Watthana, Bangkok, Thailand, 10110
P/O : 2311046
Project : ----
Project Location: Jasmine Resort Hotel

Work Order : **BK2417505**
Report Number : BK2417505-AB
Date Received : Oct 09, 2024
Date Reported : Oct 21, 2024
Date Analysis Commenced : Oct 10, 2024
No. of samples received : 1
Temperature : 3.6 °C
Sampled by : Panupong Homewong

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

Siriluk P.

Siriluk Bunnak
Section Head



Analysis Report BK2417505

Report Number : BK2417505-AB



Accreditation No.1031/47

Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
BK2417505-003	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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C



Analysis Report BK2417505

Report Number : BK2417505-AB



Accreditation No.1031/47

Sub-Matrix: PROCESS WATER						Client Sample ID		น้ำประปา		---	---
(Matrix: WATER)						Sampling Date		Oct 09, 2024 08:20 AM		---	---
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		BK2417505-003		-----	-----
						---	---	Result		---	---
Physical and Aggregate Properties											
EN0100	Bangkok	Total Dissolved Solids at 180°C	----	5	mg/L	----	----	122		----	----

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 BK2418803



TESTING
No.0009

Client : Suwan Estate Co., Ltd.
1511, Sukhumvit Rd., Phra Khanong Nuea, Watthana, Bangkok, Thailand, 10110
P/O : 2311046
Project : ----
Project Location: Jasmine Resort Hotel

Work Order : **BK2418803**
Report Number : BK2418803-AA
Date Received : Nov 13, 2024
Date Reported : Nov 23, 2024
Date Analysis Commenced : Nov 14, 2024
No. of samples received : 4
Temperature : 3.1 °C
Sampled by : Chulladet Warin

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

Nanthawadee Somboon
Specialist 2



Analysis Report BK2418803

Report Number : BK2418803-AA



TESTING
No.0009

Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
BK2418803-001	น้ำทิ้งที่ปล่อยน้ำก่อนเข้าระบบบำบัดน้ำเสีย	----	----	1x Plastic bottle - Preserved with H ₂ SO ₄ , 2x 1L Plastic Bottle, 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease, refrigerated
BK2418803-002	น้ำทิ้งที่ผ่านการบำบัดก่อนระบายออกสู่ภายนอก โครงการ	----	----	1x Plastic bottle - Preserved with H ₂ SO ₄ , 2x 1L Plastic Bottle, 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease, refrigerated
BK2418803-004	น้ำสระใหญ่	----	----	1x 500mL Plastic Bottle, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
BK2418803-005	สระสป่า	----	----	1x 500mL Plastic Bottle, 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
EN0027	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - Cl (F)
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)
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
MC6012	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 F
MC6043	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th ed., 2023. Part 9215 B



Analysis Report BK2418803

Report Number : BK2418803-AA



TESTING
No.0009

Sub-Matrix: WASTEWATER

(Matrix: WATER)

Client Sample ID

น้ำทิ้งที่บ่อดักน้ำก่อนเข้าระบบ
บำบัดน้ำเสีย

น้ำทิ้งที่ผ่านการบำบัดก่อน
ระบายออกสู่ภายนอกโครงการ

Sampling Date

Nov 13, 2024 09:13 AM

Nov 13, 2024 09:14 AM

Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		BK2418803-001	BK2418803-002	-----
						MNRE 2567 Type A	MOPH 1/2550	Result	Result	----
Chemical Parameters										
EN0044	Bangkok	BOD (5 days at 20°C)	----	2.0	mg/L	≤20	----	102	11.1	----
EN0048	Bangkok	Oil & Grease	----	3	mg/L	≤20	----	8	<3	----
EN0021	Bangkok	pH at 25°C	----	1.0	pH Unit	5.5-9	----	7.2	7.3	----
EN0032	Bangkok	Sulfides	----	0.5	mg/L	≤1	----	4.0 *	<0.5 *	----
EN0035	Bangkok	Total Kjeldahl Nitrogen as N	0.15	1.0	mg/L	≤35	----	35.6	18.7	----
Microbiological Parameters										
MC6010	Bangkok	Total Coliforms	----	----	MPN/100mL	----	----	2400000	13000	----
Physical and Aggregate Properties										
EN0093	Bangkok	Settleable Solids	----	0.1	mL/L/hr	----	----	1 *	<0.1 *	----
EN0100	Bangkok	Total Dissolved Solids at 180°C	----	5	mg/L	≤1000	----	248	184	----
EN0102	Bangkok	Total Suspended Solids	----	5	mg/L	≤30	----	48	26	----



Analysis Report BK2418803



Accreditation No.1031/47

Client : Suwan Estate Co., Ltd.
1511, Sukhumvit Rd., Phra Khanong Nuea, Watthana, Bangkok, Thailand, 10110
P/O : 2311046
Project : ----
Project Location: Jasmine Resort Hotel

Work Order : **BK2418803**
Report Number : BK2418803-AB
Date Received : Nov 13, 2024
Date Reported : Nov 23, 2024
Date Analysis Commenced : Nov 14, 2024
No. of samples received : 1
Temperature : 3.1 °C
Sampled by : Chulladet Warin

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

Nanthawadee Somboon
Specialist 2



Analysis Report BK2418803

Report Number : BK2418803-AB



Accreditation No.1031/47

Sample Receipt and Conditions				
Sample ID	Sample Name	Sample Description	GPS	Conditions
BK2418803-003	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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C



Analysis Report BK2418803

Report Number : BK2418803-AB



Accreditation No.1031/47

Sub-Matrix: PROCESS WATER						Client Sample ID		น้ำประปา	---	---
(Matrix: WATER)						Sampling Date		Nov 13, 2024 09:17 AM	---	---
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		BK2418803-003	-----	-----
						---	---	Result	---	---
Physical and Aggregate Properties										
EN0100	Bangkok	Total Dissolved Solids at 180°C	----	5	mg/L	----	----	140	----	----

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 BK2422132



TESTING
No.0009

Client : Suwan Estate Co., Ltd.
1511, Sukhumvit Rd., Phra Khanong Nuea, Watthana, Bangkok, Thailand, 10110
P/O : 2311046
Project : ----
Project Location: Jasmine Resort Hotel : Sukhumvit 67-69 (BTS Phra Khanong)

Work Order : **BK2422132**
Report Number : BK2422132-AA
Date Received : Dec 11, 2024
Date Reported : Dec 21, 2024
Date Analysis Commenced : Dec 11, 2024
No. of samples received : 4
Temperature : 3.3 °C
Sampled by : Chulladet Warin

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

Nanthawadee Somboon
Specialist 2



Analysis Report BK2422132

Report Number : BK2422132-AA



TESTING
No.0009

Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
BK2422132-001	น้ำทิ้งที่ปล่อยน้ำก่อนเข้าระบบบำบัดน้ำเสีย	----	----	1x Plastic bottle - Preserved with H ₂ SO ₄ , 2x 1L Plastic Bottle, 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease, refrigerated
BK2422132-002	น้ำทิ้งที่ผ่านการบำบัดก่อนระบายออกสู่ภายนอก โครงการ	----	----	1x Plastic bottle - Preserved with H ₂ SO ₄ , 2x 1L Plastic Bottle, 1x Plastic Bottle - Preserved with Zinc Acetate and NaOH, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, 1x Oil & Grease, refrigerated
BK2422132-004	น้ำสระใหญ่	----	----	1x 500mL Plastic Bottle, 1x Sterile Bottle - Preserved with Sodium Thiosulfate, refrigerated
BK2422132-005	สระสป้า	----	----	1x 500mL Plastic Bottle, 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
EN0021	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
EN0027	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - CI (F)
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)
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
MC6012	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023. Part 9221 F
MC6043	Bangkok	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th ed., 2023. Part 9215 B



Analysis Report BK2422132

Report Number : BK2422132-AA



TESTING
No.0009

Sub-Matrix: WASTEWATER

(Matrix: WATER)

Client Sample ID

น้ำทิ้งที่บ่อดักน้ำก่อนเข้าระบบ
บำบัดน้ำเสีย

น้ำทิ้งที่ผ่านการบำบัดก่อน
ระบายออกสู่ภายนอกโครงการ

Sampling Date

Dec 11, 2024 08:48 AM

Dec 11, 2024 08:46 AM

Method

Testing Lab

Analytes

LOD

LOQ

Unit

Guideline

BK2422132-001

BK2422132-002

MNRE 2567
Type A

MOPH
1/2550

Result

Result

Chemical Parameters

EN0044	Bangkok	BOD (5 days at 20°C)	----	2.0	mg/L	≤20	----	135	12.0	----
EN0048	Bangkok	Oil & Grease	----	3	mg/L	≤20	----	9	<3	----
EN0021	Bangkok	pH at 25°C	----	1.0	pH Unit	5.5-9	----	7.2	7.0	----
EN0032	Bangkok	Sulfides	----	0.5	mg/L	≤1	----	<0.5 *	<0.5 *	----
EN0035	Bangkok	Total Kjeldahl Nitrogen as N	0.15	1.0	mg/L	≤35	----	62.0	6.6	----

Microbiological Parameters

MC6010	Bangkok	Total Coliforms	----	----	MPN/100mL	----	----	3300000	13000	----
--------	---------	-----------------	------	------	-----------	------	------	---------	-------	------

Physical and Aggregate Properties

EN0093	Bangkok	Settleable Solids	----	0.1	mL/L/hr	----	----	0.2 *	<0.1 *	----
EN0100	Bangkok	Total Dissolved Solids at 180°C	----	5	mg/L	≤1000	----	280	268	----
EN0102	Bangkok	Total Suspended Solids	----	5	mg/L	≤30	----	67	25	----



Analysis Report BK2422132



Accreditation No.1031/47

Client : Suwan Estate Co., Ltd.
1511, Sukhumvit Rd., Phra Khanong Nuea, Watthana, Bangkok, Thailand, 10110
P/O : 2311046
Project : ----
Project Location: Jasmine Resort Hotel : Sukhumvit 67-69 (BTS Phra Khanong)

Work Order : **BK2422132**
Report Number : BK2422132-AB
Date Received : Dec 11, 2024
Date Reported : Dec 21, 2024
Date Analysis Commenced : Dec 12, 2024
No. of samples received : 1
Temperature : 3.3 °C
Sampled by : Chulladet Warin

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

Siriluk P.

Siriluk Bunnak
Section Head



Analysis Report BK2422132

Report Number : BK2422132-AB



Accreditation No.1031/47

Sample Receipt and Conditions

Sample ID	Sample Name	Sample Description	GPS	Conditions
BK2422132-003	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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C



Analysis Report BK2422132

Report Number : BK2422132-AB



Accreditation No.1031/47

Sub-Matrix: PROCESS WATER						Client Sample ID		น้ำประปา	---	---
(Matrix: WATER)						Sampling Date		Dec 11, 2024 08:45 AM	---	---
Method	Testing Lab	Analytes	LOD	LOQ	Unit	Guideline		BK2422132-003	-----	-----
						----	----	Result	----	----
Physical and Aggregate Properties										
EN0100	Bangkok	Total Dissolved Solids at 180°C	----	5	mg/L	----	----	206	----	----

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 -----