

บทที่ 3

ผลการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม

นิติบุคคลอาคารชุดแอสปายอุดรธานี

ที่อยู่เจ้าของโครงการ นิติบุคคลอาคารชุดแอสปายอุดรธานี

669 หมู่ 2 ซ.บ้านโพธิ์สว่าง ถ.โพศรี ต.หมากแข้ง อ.เมือง จ.อุดรธานี 41000

วันที่เก็บตัวอย่าง มกราคม 2566 ถึง มิถุนายน 2566 (ความถี่ 1 ครั้ง / เดือน)

สถานที่เก็บตัวอย่าง

1. จุดระบายน้ำออกจากระบบ
2. บ่อพักน้ำสุดท้ายก่อนระบายออกสู่สาธารณะ

นิติบุคคลแอสปายอุดรธานี

ตำแหน่งที่วัด	พารามิเตอร์ที่วัด						Total dissolved solids
	pH	BOD (mg/L)	Settleable Solids (mg/L)	Oil & Grease (mg/L)	TKN (mg/L)	Sulfide (mg/L)	
1. น้ำเสียหลังจากบำบัด ม.ค 66	7.7	17.3	0.1	4	59.6	0.5	408
2. น้ำเสียหลังจากบำบัด ก.พ 66	7.6	19.8	0.1	4	57.5	0.5	384
3. น้ำเสียหลังจากบำบัด มี.ค 66	7.7	20.0	0.1	3	37.8	0.5	356
4. น้ำเสียหลังจากบำบัด เม.ย 66	6.8	4.5	0.1	4	32.4	0.5	472
5. น้ำเสียหลังจากบำบัด พ.ค 66	7.6	4.8	0.1	4	36.3	0.5	456
6. น้ำเสียหลังจากบำบัด มิ.ย 66	7.2	25	0.1	3	26.4	0.1	444
ค่ามาตรฐาน ***	5-9	≤ 30	≤ 0.5	≤ 20	≤ 35	≤ 1.0	≤ 500

หมายเหตุ: *** ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุม การระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด ลงวันที่ 7 พฤศจิกายน 2548 ประกาศในราชกิจจานุเบกษา เล่มที่ 122 ตอนที่ 12 ลง วันที่ 29 ธันวาคม 2548



Analysis / Test Report

TESTING
No.0009

Client : Juristic Person Condo Aspire Udonthani
669 Moo 2, Makkhaeng, Muang, Udonthani Thailand 41000

Lot ID: 234123

Date Received : Jan 14, 2023

Date Reported : Jan 21, 2023

Report Number : 2541553-1

P/O :

Project Name :

Project Location :

Page 1 of 2

Sample Number	234123-1
Sampled Date	Jan 13, 2023 11:30 AM
Sample Description	Wastewater
Location	บ่อน้ำออก
Date Analysis Commenced	Jan 14, 2023
Condition of Sample	Contained in four plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C) *	mg/L	-	2.0	17.3	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, 4500 - O (C)	Bangkok
Oil & Grease	mg/L	-	3	4	≤20	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	Bangkok
pH at 25 degree C		-	-	7.7	5.0-9.0	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)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	<0.1	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	<0.5	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Bangkok
Total Dissolved Solids Dried at 103-105 degree C	mg/L	-	5	408	(1)	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	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	59.6	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok

Guideline : Notification of Ministry of Natural Resources and Environment November, 7 B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Approved by

Siriluk P.

Siriluk Puengpang
Supervisor

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Analysis / Test Report

TESTING

No.0009

Lot ID: 234123

Date Received : Jan 14, 2023

Date Reported : Jan 21, 2023

Report Number : 2541553-1

Client : Juristic Person Condo Aspire Udonthani
669 Moo 2, Makkhaeng, Muang, Udonthani Thailand 41000

P/O :

Project Name :

Project Location:

Page 2 of 2

Sampling By :

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Approved by

Siriluk P.

Siriluk Puengpang

Supervisor

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Analysis / Test Report

TESTING

No.0009

Lot ID: 236804

Date Received : Feb 17, 2023

Date Reported : Feb 23, 2023

Report Number : 2547311-1

Client : Juristic Person Condo Aspire Udonthani
669 Moo 2, Makkhaeng, Muang, Udonthani Thailand 41000

P/O :

Project Name :

Project Location :

2/66 Page 1 of 2

Sample Number	236804-1
Sampled Date	Feb 16, 2023 1:30 PM
Sample Description	Wastewater
Location	บ่อน้ำออก
Date Analysis Commenced	Feb 18, 2023
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C) *	mg/L	-	2.0	19.8	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, 4500 - O (C)	Bangkok
Oil & Grease	mg/L	-	3	4	≤20	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	Bangkok
pH at 25 degree C		-	-	7.6	5.0-9.0	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)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	<0.1	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	<0.5	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Bangkok
Total Dissolved Solids Dried at 103-105 degree C	mg/L	-	5	384	(1)	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	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	57.5	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok

Guideline : Notification of Ministry of Natural Resources and Environment November, 7, B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Approved by

Siriluk P.

Siriluk Puengpang
Supervisor

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Analysis / Test Report

Client : Juristic Person Condo Aspire Udonthani
669 Moo 2, Makkhaeng, Muang, Udonthani Thailand 41000

P/O :

Project Name :

Project Location:

TESTING

No.0009

Lot ID: 236804

Date Received : Feb 17, 2023

Date Reported : Feb 23, 2023

Report Number : 2547311-1

Page 2 of 2

Sampling By : Adisak Phomphai

Remark :

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Approved by

Siriluk P.

Siriluk Puengpang
Supervisor

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2320587

Date Received : Mar 11, 2023

Date Reported : Mar 17, 2023

Report Number : 2575556-1 3/63

Client : Juristic Person Condo Aspire Udonthani
669 Moo 2, Makkhaeng, Muang, Udonthani Thailand 41000

P/O :

Project Name :

Project Location :

Page 1 of 2

Sample Number	2320587-1
Sampled Date	Mar 10, 2023 11:10 AM
Sample Description	Wastewater
Location	บ่อน้ำออก
Date Analysis Commenced	Mar 11, 2023
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C) *	mg/L	-	2.0	20.0	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, 4500 - O (C)	Bangkok
Oil & Grease	mg/L	-	3	<3	≤20	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	Bangkok
pH at 25 degree C		-	-	7.7	5.0-9.0	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)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	<0.1	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	<0.5	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Bangkok
Total Dissolved Solids Dried at 103-105 degree C	mg/L	-	5	356	(1)	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	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	37.8	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok

Guideline : Notification of Ministry of Natural Resources and Environment November, 7, B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Approved by

Suwimon C.

Suwimon Chairuangwut
Scientist (2)

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2320587

Date Received : Mar 11, 2023

Date Reported : Mar 17, 2023

Report Number : 2575556-1

Client : Juristic Person Condo Aspire Udonthani
669 Moo 2, Makkhaeng, Muang, Udonthani Thailand 41000

P/O :

Project Name :

Project Location:

Page 2 of 2

Sampling By : Adisak Phomphai

Remark :

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Approved by

Suwimon C.

Suwimon Chairuangwut
Scientist (2)

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2332899

Date Received : Apr 07, 2023

Date Reported : Apr 12, 2023

Report Number : 2603173-1

Client : Juristic Person Condo Aspire Udonthani
669 Moo 2, Makkhaeng, Muang, Udonthani Thailand 41000

P/O :

Project Name :

Project Location :

Page 1 of 2

Sample Number	2332899-1
Sampled Date	Apr 06, 2023 1:20 PM
Sample Description	Wastewater
Location	ปิ่นเกล้า
Date Analysis Commenced	Apr 07, 2023
Condition of Sample	Contained in three plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C) *	mg/L	-	2.0	4.5	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, 4500 - O (C)	Bangkok
Oil & Grease	mg/L	-	3	4	≤20	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	Bangkok
pH at 25 degree C		-	-	6.8	5.0-9.0	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)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	<0.1	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	<0.5	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Bangkok
Total Dissolved Solids Dried at 103-105 degree C	mg/L	-	5	472	(1)	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	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	32.4	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok

Guideline : Notification of Ministry of Natural Resources and Environment November, 7 B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Approved by

Siriluk P.

Siriluk Puengpang
Supervisor

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Analysis / Test Report

Client : Juristic Person Condo Aspire Udonthani
669 Moo 2, Makkhaeng, Muang, Udonthani Thailand 41000

P/O :

Project Name :

Project Location :

TESTING

No.0009

Lot ID: 2332899

Date Received : Apr 07, 2023

Date Reported : Apr 12, 2023

Report Number : 2603173-1

Page 2 of 2

Sampling By : Adisak Phomphai

Remark :

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Approved by

Siriluk P.

Siriluk Puengpang
Supervisor

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Analysis / Test Report

Client : Juristic Person Condo Aspire Udonthani
669 Moo 2, Makkhaeng, Muang, Udonthani Thailand 41000

P/O :

Project Name :

Project Location :

TESTING

No.0009

Lot ID: 2345712

Date Received : May 12, 2023

Date Reported : May 18, 2023

Report Number : 2631325-1

5/18/23 Page 1 of 2

Sample Number	2345712-1
Sampled Date	May 11, 2023 11:30 AM
Sample Description	Wastewater
Location	บ่อน้ำออก
Date Analysis Commenced	May 13, 2023
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C) *	mg/L	-	2.0	4.8	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, 4500 - O (C)	Bangkok
Oil & Grease	mg/L	-	3	4	≤20	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	Bangkok
pH at 25 degree C		-	-	7.6	5.0-9.0	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)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	<0.1	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	<0.5	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Bangkok
Total Dissolved Solids Dried at 103-105 degree C	mg/L	-	5	456	(1)	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	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	36.3	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok

Guideline : Notification of Ministry of Natural Resources and Environment November, 7, B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Approved by

Siriluk P.

Siriluk Puengpang
Supervisor

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Analysis / Test Report

Client : Juristic Person Condo Aspire Udonthani
669 Moo 2, Makkhaeng, Muang, Udonthani Thailand 41000

P/O :

Project Name :

Project Location :

TESTING

No.0009

Lot ID: 2345712

Date Received : May 12, 2023

Date Reported : May 18, 2023

Report Number : 2631325-1

Page 2 of 2

Sampling By : Adisak Phomphai

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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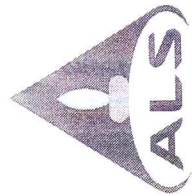
Approved by

Siriluk P.

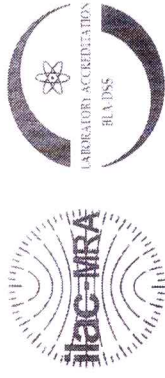
Siriluk Puengpang
Supervisor

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Analysis Report NN2300009



TESTING
No.0009

Client : Juristic Person Condo Aspire Udonthani
669 Moo 2, Tambon Mak Khaeng, Amphoe Mueang Udon Thani, Udon Thani,
Thailand, 41000
P/O : ----
Project : ----
Project Location: Juristic Person Condo Aspire Udonthani

Work Order : NN2300009
Report Number : NN2300009-AA
Date Received : Jun 14, 2023
Date Reported : Jul 07, 2023
Date Analysis Commenced : Jun 14, 2023
No. of samples received : 2
Temperature : 3.3 °C
Sampled by : Adisak Phomphai (๓-204-๓-8605)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

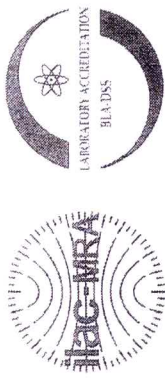
Signatories

Siriluk P.

Siriluk Puengpang
Supervisor
๓-204-๓-4720

Kanok Korn Anek

Kanok Korn Anek
Senior Manager
๓-204-๓-6111



Analysis Report NN2300009

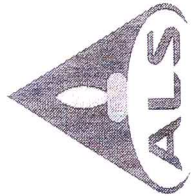
Report Number : NN2300009-AA

TESTING
No.0009

Sub-Matrix: WASTEWATER

(Matrix: WATER)

Client Sample ID									
ผลการทดสอบ									
Sampling Date									
Jun 13, 2023 02:30 PM									
Guideline									
MINRE 2548 MOPH Result									
Type A 1/2550									
Chemical Parameters									
EN0045	Bangkok	BOD (5 days at 20°C)	LOD	LOQ	Unit			25 *	
EN0048	Bangkok	Oil & Grease		3	mg/L			<3	
EN0021	Bangkok	pH at 25°C		1.0	pH Unit			7.2	
EN0032	Bangkok	Sulfides		0.5	mg/L			<0.5 *	
EN0035	Bangkok	Total Kjeldahl Nitrogen as N	0.15	1.0	mg/L			26.4	
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			444	



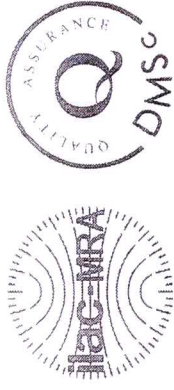
Analysis Report NN2300009

Report Number : NN2300009-AB

Sub-Matrix: PROCESS WATER

(Matrix: WATER)

Accreditation No.1031/47



Client Sample ID				Client Sample ID		Client Sample ID		Client Sample ID	
Sampling Date				Sampling Date		Sampling Date		Sampling Date	
Guideline				Guideline		Guideline		Guideline	
DOH 2563				DOH 2563		DOH 2563		DOH 2563	
Result				Result		Result		Result	
7.2				7.2		7.2		7.2	
<5				<5		<5		<5	
570				570		570		570	
0.95				0.95		0.95		0.95	

Guideline: DOH 2563: Tap Water: Notification of The Department of Health on Tap Water

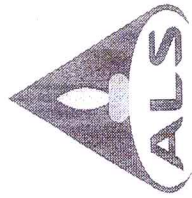
Comment: The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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 NN2300009

Report Number : NN2300009-AA

Sub-Matrix: PROCESS WATER

(Matrix: WATER)

TESTING
No.0009

Client Sample ID

สร้งว่าน

Sampling Date

Jun 13, 2023 02:15 PM

Method

Testing Lab

Analytes

LOD

LOQ

Unit

Guideline

MNRE 2548

Result

NN2300009-003

Result

Result

Result

Chemical Parameters

EN0017	Bangkok	Ammonia Nitrogen	0.02	0.05	mg/L	≤20	Not Detected *		
EN0002	Bangkok	Chloride as Cl	0.06	0.2	mg/L	≤600	140 *		
EN0002	Bangkok	Nitrate as N	0.06	0.2	mg/L	---	0.4 *		
EN0021	Bangkok	pH at 25°C	---	1.0	pH Unit	7.2-8.4	7.2 *		
EN0041	Bangkok	Total Hardness as CaCO ₃	---	1	mg/L	---	61 *		

Microbiological Parameters

MC6009	Bangkok	Total Coliforms	---	---	MPN/100mL	<10	<1.1		
MC6012	Bangkok	Escherichia coli	---	---	in 100mL	Not Detected	Not Detected		
MC6021	Bangkok	Fecal Coliforms	---	---	MPN/100mL	---	<1.1		

Physical and Aggregate Properties

EN0077	Bangkok	Total Alkalinity as CaCO ₃	---	1	mg/L	80-100	8 *		
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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:

- ° LOD : Limit of Detection
- ° "L" : 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 -----