

ภาคผนวก ค

ใบรับรองผลการตรวจวิเคราะห์

ภาคผนวก ค-1

คุณภาพอากาศในบรรยากาศโดยทั่วไป

Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330

P/O : PO38777

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Lot ID: 2539666

Date Received : May 22, 2025

Date Reported : May 28, 2025

Report Number: 3292286-1

Page 1 of 1

Sample Description	Air Quality						
Location	Hotel Indigo Bangkok : บริเวณริมรั้วด้านหลังพื้นที่โครงการ (ทางทิศตะวันออก) (GPS 47P 0667312, 1519502)						
Parameter	Nitrogen dioxide (ppm)						
Measurement Date	May 19, 2025 - May 22, 2025						
Measurement by	Winyou Boontanai						
	2539666-1	2539666-2	2539666-3	-	-	-	-
Time	May 19, 2025	May 20, 2025	May 21, 2025	-	-	-	-
10:00 AM - 11:00 AM	0.0156	0.0340	0.0290	-	-	-	-
11:00 AM - 12:00 PM	0.0200	0.0464	0.0317	-	-	-	-
12:00 PM - 01:00 PM	0.0287	0.0549	0.0392	-	-	-	-
01:00 PM - 02:00 PM	0.0207	0.0376	0.0419	-	-	-	-
02:00 PM - 03:00 PM	0.0307	0.0480	0.0406	-	-	-	-
03:00 PM - 04:00 PM	0.0287	0.0424	0.0291	-	-	-	-
04:00 PM - 05:00 PM	0.0210	0.0357	0.0295	-	-	-	-
05:00 PM - 06:00 PM	0.0291	0.0424	0.0330	-	-	-	-
06:00 PM - 07:00 PM	0.0247	0.0619	0.0311	-	-	-	-
07:00 PM - 08:00 PM	0.0261	0.0451	0.0326	-	-	-	-
08:00 PM - 09:00 PM	0.0342	0.0400	0.0247	-	-	-	-
09:00 PM - 10:00 PM	0.0348	0.0376	0.0204	-	-	-	-
10:00 PM - 11:00 PM	0.0356	0.0337	0.0217	-	-	-	-
11:00 PM - 12:00 AM	0.0266	0.0312	0.0207	-	-	-	-
12:00 AM - 01:00 AM	0.0204	0.0298	0.0283	-	-	-	-
01:00 AM - 02:00 AM	0.0280	0.0258	0.0283	-	-	-	-
02:00 AM - 03:00 AM	0.0207	0.0227	0.0297	-	-	-	-
03:00 AM - 04:00 AM	0.0229	0.0271	0.0280	-	-	-	-
04:00 AM - 05:00 AM	0.0222	0.0190	0.0262	-	-	-	-
05:00 AM - 06:00 AM	0.0367	0.0180	0.0286	-	-	-	-
06:00 AM - 07:00 AM	0.0364	0.0266	0.0298	-	-	-	-
07:00 AM - 08:00 AM	0.0308	0.0286	0.0321	-	-	-	-
08:00 AM - 09:00 AM	0.0381	0.0215	0.0440	-	-	-	-
09:00 AM - 10:00 AM	0.0401	0.0241	0.0466	-	-	-	-
Average	0.0280	0.0348	0.0311	-	-	-	-
1hr - Maximum	0.0401	0.0619	0.0466	-	-	-	-
Standard 1hr - Average	0.170	0.170	0.170	-	-	-	-

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).

Reference Method : U.S. Environmental Protection Agency Method Part 50 App. F (Chemiluminescence)

Approved by

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.

Orawan Rakvong

Scientist (3)

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO38777
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 2539667

Date Received : May 22, 2025
Date Reported : May 28, 2025
Report Number: 3292287-1

Page 1 of 1

Sample Description Air Quality
Location Hotel Indigo Bangkok : บริเวณริมรั้วด้านหลังพื้นที่โครงการ (ทางทิศตะวันออก) (GPS 47P 0667312, 1519502)
Parameter Sulfur Dioxide (ppm)
Measurement Date May 19, 2025 - May 22, 2025
Measurement by Winyou Boontanai

	2539667-1	2539667-2	2539667-3	-	-	-	-
Time	May 19, 2025	May 20, 2025	May 21, 2025	-	-	-	-
10:00 AM - 11:00 AM	0.0025	0.0031	0.0026	-	-	-	-
11:00 AM - 12:00 PM	0.0020	0.0028	0.0027	-	-	-	-
12:00 PM - 01:00 PM	0.0029	0.0028	0.0029	-	-	-	-
01:00 PM - 02:00 PM	0.0028	0.0026	0.0030	-	-	-	-
02:00 PM - 03:00 PM	0.0028	0.0027	0.0030	-	-	-	-
03:00 PM - 04:00 PM	0.0025	0.0027	0.0031	-	-	-	-
04:00 PM - 05:00 PM	0.0024	0.0025	0.0032	-	-	-	-
05:00 PM - 06:00 PM	0.0025	0.0025	0.0029	-	-	-	-
06:00 PM - 07:00 PM	0.0024	0.0028	0.0030	-	-	-	-
07:00 PM - 08:00 PM	0.0026	0.0029	0.0027	-	-	-	-
08:00 PM - 09:00 PM	0.0027	0.0028	0.0025	-	-	-	-
09:00 PM - 10:00 PM	0.0029	0.0030	0.0025	-	-	-	-
10:00 PM - 11:00 PM	0.0029	0.0028	0.0026	-	-	-	-
11:00 PM - 12:00 AM	0.0026	0.0028	0.0026	-	-	-	-
12:00 AM - 01:00 AM	0.0025	0.0027	0.0027	-	-	-	-
01:00 AM - 02:00 AM	0.0025	0.0026	0.0027	-	-	-	-
02:00 AM - 03:00 AM	0.0025	0.0025	0.0027	-	-	-	-
03:00 AM - 04:00 AM	0.0024	0.0026	0.0027	-	-	-	-
04:00 AM - 05:00 AM	0.0024	0.0027	0.0026	-	-	-	-
05:00 AM - 06:00 AM	0.0029	0.0025	0.0026	-	-	-	-
06:00 AM - 07:00 AM	0.0041	0.0025	0.0028	-	-	-	-
07:00 AM - 08:00 AM	0.0039	0.0025	0.0028	-	-	-	-
08:00 AM - 09:00 AM	0.0038	0.0024	0.0031	-	-	-	-
09:00 AM - 10:00 AM	0.0034	0.0025	0.0030	-	-	-	-
Average	0.0028	0.0027	0.0028	-	-	-	-
1hr - Maximum	0.0041	0.0031	0.0032	-	-	-	-
Standard 1hr - Average	0.3	0.3	0.3	-	-	-	-
Standard 24 hrs - Average	0.12	0.12	0.12	-	-	-	-

Standard : Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).
Reference Method : U.S. Environmental Protection Agency, EPA Method Part 53 and 58

Approved by

Orawan Rakyong
Scientist (3)

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Analysis / Test Report

TESTING
No.0009

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO38777
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 2539661

Date Received : May 22, 2025
Date Reported : May 30, 2025
Report Number : 3292285-1

Page 1 of 3

Sample Number : 2539661-1
Sampled Date : May 19, 2025
Sample Description : Air Quality
Location : Hotel Indigo Bangkok : บริเวณริมรั้วด้านหลังพื้นที่โครงการ (ทางทิศตะวันออก) (GPS 47P 0667312, 1519502)
Date Analysis Commenced : May 23, 2025
Condition of Sample : Drawn into two filter papers placed in each cassette and one 10-L air sampling bag
Barometric Pressure : 757 mmHg
Atmospheric Temperature : 32.8 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Carbon Monoxide *	11:00 AM - 12:00 PM	ppm	-	0.10	0.20	30	U.S. Environmental Protection Agency 40 CFR Part 50, Appendix C	NEB No.10 Bangkok	
Particulate matter as PM 10	19/05/25 - 20/05/25	mg/m3	-	0.005	0.024	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Hydrocarbon *	11:00 AM - 12:00 PM	ppm	-	1.0	3.5	No Standard	Total Hydrocarbon Analyzer (FID)	-	Bangkok
Total Suspended Particulate	19/05/25 - 20/05/25	mg/m3	-	0.005	0.051	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

Guideline :

NEB No.10 : Notification of the National Environmental Board. No.10, 1995 (B.E.2538); (1) Guideline for 1 month Average value.

NEB No.24 : Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

Sampled By : Winyou Boontanai

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.

Approved by

Orawan Rak Yong
Scientist (3)

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Analysis / Test Report

TESTING
No.0009

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO38777
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 2539661

Date Received : May 22, 2025
Date Reported : May 30, 2025
Report Number : 3292285-1

Page 2 of 3

Sample Number 2539661-2
Sampled Date May 20, 2025
Sample Description Air Quality
Location Hotel Indigo Bangkok : บริเวณริมรั้วด้านหลังพื้นที่โครงการ (ทางทิศตะวันออก) (GPS 47P 0667312, 1519502)
Date Analysis Commenced May 23, 2025
Condition of Sample Drawn into two filter papers placed in each cassette and one 10-L air sampling bag
Barometric Pressure 757 mmHg
Atmospheric Temperature 32.5 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Carbon Monoxide *	11:00 AM - 12:00 PM	ppm	-	0.10	0.40	30	U.S. Environmental Protection Agency 40 CFR Part 50, Appendix C	NEB No.10 Bangkok	
Particulate matter as PM 10	20/05/25 - 21/05/25	mg/m3	-	0.005	0.024	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Hydrocarbon *	11:00 AM - 12:00 PM	ppm	-	1.0	3.1	No Standard	Total Hydrocarbon Analyzer (FID)	-	Bangkok
Total Suspended Particulate	20/05/25 - 21/05/25	mg/m3	-	0.005	0.052	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

Guideline :

NEB No.10 : Notification of the National Environmental Board. No.10, 1995 (B.E.2538); (1) Guideline for 1 month Average value.

NEB No.24 : Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

Sampled By : Winyou Boontanai

Remark :

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

Orawan Rakyong
Scientist (3)

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Analysis / Test Report

TESTING
No.0009

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO38777
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 2539661

Date Received : May 22, 2025
Date Reported : May 30, 2025
Report Number : 3292285-1

Page 3 of 3

Sample Number 2539661-3
Sampled Date May 21, 2025
Sample Description Air Quality
Location Hotel Indigo Bangkok : บริเวณริมรั้วด้านหลังพื้นที่โครงการ (ทางทิศตะวันออก) (GPS 47P 0667312, 1519502)
Date Analysis Commenced May 23, 2025
Condition of Sample Drawn into two filter papers placed in each cassette and one 10-L air sampling bag
Barometric Pressure 757 mmHg
Atmospheric Temperature 32.1 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Carbon Monoxide *	11:00 AM - 12:00 PM	ppm	-	0.10	0.40	30	U.S. Environmental Protection Agency 40 CFR Part 50, Appendix C	NEB No.10 Bangkok	
Particulate matter as PM 10	21/05/25 - 22/05/25	mg/m3	-	0.005	0.029	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Hydrocarbon *	11:00 AM - 12:00 PM	ppm	-	1.0	5.5	No Standard	Total Hydrocarbon Analyzer (FID)	-	Bangkok
Total Suspended Particulate	21/05/25 - 22/05/25	mg/m3	-	0.005	0.068	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

Guideline :

NEB No.10 : Notification of the National Environmental Board. No.10, 1995 (B.E.2538); (1) Guideline for 1 month Average value.

NEB No.24 : Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

Sampled By : Winyou Boontanai

Remark :

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Approved by

Orawan Rak Yong
Scientist (3)

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ภาคผนวก ค-2

คุณภาพน้ำทิ้ง



Analysis / Test Report

TESTING
No.0009

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330

P/O :

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Lot ID: 254317

Date Received : Jan 15, 2025

Date Reported : Jan 22, 2025

Report Number : 3219029-1

Page 1 of 1

Sample Number	254317-1
Sampled Date	Jan 15, 2025 8:40 AM
Sample Description	Wastewater
Location	บริเวณจุดรวมรวมน้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย
Date Analysis Commenced	Jan 16, 2025
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	183	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Oil & Grease	mg/L	-	3	13	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	0.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	312	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	47.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	54	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Pichai Boonyong

Remark :

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- "<" : 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.

Approved by

Siriluk Bunnak
Section Head

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Analysis / Test Report

TESTING

No.0009

Lot ID: 254317

Date Received : Jan 15, 2025

Date Reported : Jan 22, 2025

Report Number : 3219030-1

Client : Piyasombat Property Co., Ltd.

81, Wireless Road, Lumpini, Phathumwan, Bangkok Thailand 10330

P/O :

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Page 1 of 2

Sample Number	254317-2
Sampled Date	Jan 15, 2025 8:35 AM
Sample Description	Wastewater
Location	บริเวณจุดปล่อยน้ำทิ้งจากบ่อพักน้ำทิ้ง (Effluent Tank)
Date Analysis Commenced	Jan 16, 2025
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	6.7	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Oil & Grease	mg/L	-	3	<3	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	0.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	0.6	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	392	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	4.7	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	22	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type B.

Approved by

Siriluk P.

Siriluk Bunnak
Section Head

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330

P/O :

Project Name : Monitoring EIA

Project Location: Hotel Indigo

TESTING

No.0009

Lot ID: 254317

Date Received : Jan 15, 2025

Date Reported : Jan 22, 2025

Report Number : 3219030-1

Page 2 of 2

Sampling By : Pichai Boonyong

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Siriluk Bunnak
Section Head

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Analysis / Test Report

TESTING
No.0009

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO34550
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 2511111

Date Received : Feb 11, 2025

Date Reported : Feb 19, 2025

Report Number : 3238494-1

Page 1 of 1

Sample Number	2511111-1
Sampled Date	Feb 11, 2025 11:05 AM
Sample Description	Wastewater
Location	บริเวณจุดรวมรวมน้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย
Date Analysis Commenced	Feb 13, 2025
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	140	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Oil & Grease	mg/L	-	3	21	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	1.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	280	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	42.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	61	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Panupong Homewong

Remark :

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

Suwimon C.

Suwimon Chairuangwut
Scientist (3)

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.



Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phathumwan, Bangkok Thailand 10330
P/O : PO34550
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 2511111
Date Received : Feb 11, 2025
Date Reported : Feb 19, 2025
Report Number : 3238495-1

Page 1 of 2

Sample Number	2511111-2
Sampled Date	Feb 11, 2025 11:00 AM
Sample Description	Wastewater
Location	บริเวณจุดปล่อยน้ำทิ้งจากบ่อพักน้ำทิ้ง (Effluent Tank)
Date Analysis Commenced	Feb 13, 2025
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	5.2	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Oil & Grease	mg/L	-	3	<3	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	<0.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	<0.5	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	296	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	2.7	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	14	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type B.

Approved by

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Suwimon C.

Suwimon Chairuangwut
Scientist (3)

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO34550
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 2511111
Date Received : Feb 11, 2025
Date Reported : Feb 19, 2025
Report Number : 3238495-1

Page 2 of 2

Sampling By : Panupong Homewong

Remark :

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Approved by

Suwimon Chairuangwut
Scientist (3)



Analysis / Test Report

TESTING
No.0009

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO36238
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 2521846

Date Received : Mar 19, 2025
Date Reported : Apr 04, 2025
Report Number : 3275811-1

Page 1 of 1

Sample Number	2521846-1
Sampled Date	Mar 19, 2025 10:20 AM
Sample Description	Wastewater
Location	บริเวณจุดรวมรวมน้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย
Date Analysis Commenced	Mar 20, 2025
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	160	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Oil & Grease	mg/L	-	3	10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	<0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	320	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	31.4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	61	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Panupong Homewong

Remark :

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

Approved by

Suwimon Chairuangwut
Scientist (3)

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2521846

Date Received : Mar 19, 2025

Date Reported : Apr 04, 2025

Report Number : 3275812-1

Client : Piyasombat Property Co., Ltd.

81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330

P/O : PO36238

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Page 1 of 2

Sample Number	2521846-2
Sampled Date	Mar 19, 2025 10:15 AM
Sample Description	Wastewater
Location	บริเวณจุดปล่อยน้ำทิ้งจากบ่อพักน้ำทิ้ง (Effluent Tank)
Date Analysis Commenced	Mar 20, 2025
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, odourless, some solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	2.7	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Oil & Grease	mg/L	-	3	<3	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.4	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	<0.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	<0.5	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	236	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	1.8	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type B.

Approved by

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Suwimon Chairuangwut
Scientist (3)



Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO36238
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 2521846
Date Received : Mar 19, 2025
Date Reported : Apr 04, 2025
Report Number : 3275812-1

Page 2 of 2

Sampling By : Panupong Homewong

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Approved by

Suwimon Chairuangwut
Scientist (3)



Analysis / Test Report

TESTING
No.0009

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO37479
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 2530826

Date Received : Apr 08, 2025
Date Reported : Apr 18, 2025
Report Number : 3285175-1

Page 1 of 1

Sample Number	2530826-1
Sampled Date	Apr 08, 2025 10:40 AM
Sample Description	Wastewater
Location	บริเวณจุดรวบรวมน้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย
Date Analysis Commenced	Apr 09, 2025
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	184	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Oil & Grease	mg/L	-	3	18	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	6.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	1.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	288	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	31.7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	67	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Pichai Boonyong

Remark :

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

Approved by

Narin Saiseng
Supervisor

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2530826

Date Received : Apr 08, 2025

Date Reported : Apr 18, 2025

Report Number : 3285176-1

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phathumwan, Bangkok Thailand 10330

P/O : PO37479

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Page 1 of 2

Sample Number	2530826-2
Sampled Date	Apr 08, 2025 10:30 AM
Sample Description	Wastewater
Location	บริเวณจุดปล่อยน้ำทิ้งจากบ่อพักน้ำทิ้ง (Effluent Tank)
Date Analysis Commenced	Apr 09, 2025
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, some solid, and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Oil & Grease	mg/L	-	3	<3	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	<0.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	<0.5	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	244	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	<1.0	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type B.

Approved by

Narin Saiseng
Supervisor

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO37479
Project Name : Monitoring EIA
Project Location: Hotel Indigo

TESTING
No.0009
Lot ID: 2530826
Date Received : Apr 08, 2025
Date Reported : Apr 18, 2025
Report Number : 3285176-1

Page 2 of 2

Sampling By : Pichai Boonyong

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Narin Saiseng
Supervisor



Analysis / Test Report

TESTING
No.0009

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO38777
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 2539352

Date Received : May 07, 2025
Date Reported : May 15, 2025
Report Number : 3304641-1

Page 1 of 1

Sample Number	2539352-1
Sampled Date	May 07, 2025 9:45 AM
Sample Description	Wastewater
Location	บริเวณจุดรวบรวมน้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย
Date Analysis Commenced	May 08, 2025
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	176	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Oil & Grease	mg/L	-	3	17	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	3.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	312	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	43.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	92	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Pichai Boonyong

Remark :

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Approved by

Narin Saiseng
Supervisor

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2539352

Date Received : May 07, 2025

Date Reported : May 15, 2025

Report Number : 3304642-1

Client : Piyasombat Property Co., Ltd.

81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330

P/O : PO38777

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Page 1 of 2

Sample Number	2539352-2
Sampled Date	May 07, 2025 9:40 AM
Sample Description	Wastewater
Location	บริเวณจุดปล่อยน้ำทิ้งจากบ่อพักน้ำทิ้ง (Effluent Tank)
Date Analysis Commenced	May 08, 2025
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, some solid, and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	2.0	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Oil & Grease	mg/L	-	3	<3	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	<0.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	<0.5	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	236	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	1.5	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type B.

Approved by

Narin Saiseng
Supervisor

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO38777
Project Name : Monitoring EIA
Project Location: Hotel Indigo

TESTING
No.0009
Lot ID: 2539352
Date Received : May 07, 2025
Date Reported : May 15, 2025
Report Number : 3304642-1

Page 2 of 2

Sampling By : Pichai Boonyong

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Narin Saiseng
Supervisor



Analysis / Test Report

TESTING
No.0009

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO39843
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 2549749

Date Received : Jun 11, 2025
Date Reported : Jun 28, 2025
Report Number : 3347377-1

Page 1 of 1

Sample Number	2549749-1
Sampled Date	Jun 11, 2025 9:10 AM
Sample Description	Wastewater
Location	บริเวณจุดรวมรวมน้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย
Date Analysis Commenced	Jun 12, 2025
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	179	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Oil & Grease	mg/L	-	3	11	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	2.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	372	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	50.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	70	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Pichai Boonyong

Remark :

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Approved by

Nanthawadee Somboon
Specialist 2

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2549749

Date Received : Jun 11, 2025

Date Reported : Jun 28, 2025

Report Number : 3347378-1

Client : Piyasombat Property Co., Ltd.

81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330

P/O : PO39843

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Page 1 of 2

Sample Number	2549749-2
Sampled Date	Jun 11, 2025 9:00 AM
Sample Description	Wastewater
Location	บริเวณจุดปล่อยน้ำทิ้งจากบ่อพักน้ำทิ้ง (Effluent Tank)
Date Analysis Commenced	Jun 12, 2025
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, some solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Oil & Grease	mg/L	-	3	<3	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.3	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	<0.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	<0.5	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	212	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	9.9	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type B.

Approved by

Nanthawadee Somboon
Specialist 2

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO39843
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 2549749
Date Received : Jun 11, 2025
Date Reported : Jun 28, 2025
Report Number : 3347378-1

Page 2 of 2

Sampling By : Pichai Boonyong

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Nanthawadee Somboon
Specialist 2

ภาคผนวก ค-3

คุณภาพน้ำระวายนํ้า



Analysis / Test Report

TESTING
No.0009

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO33387
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 254321

Date Received : Jan 15, 2025

Date Reported : Jan 23, 2025

Report Number : 3213414-1

Page 1 of 1

Sample Number : 254321-1
Sampled Date : Jan 15, 2025 8:30 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Jan 15, 2025
Condition of Sample : Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, Part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	2.0	0.6-1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Pichai Boonyong

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Approved by

Sithichok Thongnuean
Scientist (3)

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Analysis / Test Report

TESTING
No.0009

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO33387
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 254341

Date Received : Jan 22, 2025

Date Reported : Feb 01, 2025

Report Number : 3213436-1

Page 1 of 1

Sample Number : 254341-1
Sampled Date : Jan 22, 2025 11:25 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Jan 23, 2025
Condition of Sample : Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property : Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, Part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Chulladet Warin

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Approved by

Sithichok T

Sithichok Thongnueun
Scientist (3)

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Analysis / Test Report

TESTING
No.0009

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO33387
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 254342

Date Received : Jan 29, 2025

Date Reported : Feb 07, 2025

Report Number : 3213433-1

Page 1 of 1

Sample Number : 254342-1
Sampled Date : Jan 29, 2025 10:35 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Jan 30, 2025
Condition of Sample : Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property : Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, Part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Panupong Homewong

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO34550
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 2511112
Date Received : Feb 05, 2025
Date Reported : Feb 17, 2025
Report Number : 3226466-1

Page 1 of 1

Sample Number : 2511112-1
Sampled Date : Feb 05, 2025 10:10 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Feb 06, 2025
Condition of Sample : Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, Part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Pichai Boonyong

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Approved by

Sithichok T.

Sithichok Thongnguen
Scientist (3)

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO34550
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 2511113
Date Received : Feb 11, 2025
Date Reported : Feb 21, 2025
Report Number : 3226469-1

Page 1 of 1

Sample Number : 2511113-1
Sampled Date : Feb 11, 2025 11:15 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Feb 12, 2025
Condition of Sample : Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property : Colorless, odourless, no solid, and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, Part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Panupong Homewong

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Scientist (3)

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TESTING
No.0009

Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO34550
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 2511114
Date Received : Feb 19, 2025
Date Reported : Mar 05, 2025
Report Number : 3226468-1 Rev. No.1

Page 1 of 1

Sample Number : 2511114-1
Sampled Date : Feb 19, 2025 11:45 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Feb 20, 2025
Condition of Sample : Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property : Colorless, odourless, no solid, and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, Part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Note : This Analysis test report is reissued to supersede report No.3226468-1, Date Reported : Mar 03, 2025 due to revise sample information.

Sampling By : Thitiwan Aimurai , Sakpiphat Boonman

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Approved by

Sithichok T.

Sithichok Thongnueen
Scientist (3)

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TESTING
No.0009

Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO34550
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 2511115

Date Received : Feb 26, 2025
Date Reported : Mar 05, 2025
Report Number : 3226467-1

Page 1 of 1

Sample Number : 2511115-1
Sampled Date : Feb 26, 2025 8:50 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Feb 26, 2025
Condition of Sample : Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property : Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, Part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Panupong Homewong

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Approved by

Suwannee Chumkeaw
Section Head

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TESTING
No.0009

Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330

P/O :

Project Name : Monitoring EIA

Project Location: Hotel Indigo

Lot ID: 2520916

Date Received : Mar 05, 2025

Date Reported : Mar 15, 2025

Report Number : 3248035-1

Page 1 of 1

Sample Number	2520916-1
Sampled Date	Mar 05, 2025 10:40 AM
Sample Description	Swimming Pool
Location	น้ำสระว่ายน้ำ
Date Analysis Commenced	Mar 06, 2025
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, Part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Panupong Homewong

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Approved by

Sithichok T

Sithichok Thongnuean
Scientist (3)

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TESTING
No.0009

Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330

P/O :

Project Name : Monitoring EIA

Project Location: Hotel Indigo

Lot ID: 2521848

Date Received : Mar 12, 2025

Date Reported : Mar 22, 2025

Report Number : 3250649-1

Page 1 of 1

Sample Number	2521848-1
Sampled Date	Mar 12, 2025 11:05 AM
Sample Description	Swimming Pool
Location	น้ำสระว่ายน้ำ
Date Analysis Commenced	Mar 13, 2025
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, Part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Panupong Homewong

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Approved by

Sithichok T.

Sithichok Thongnueen
Scientist (3)

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Analysis / Test Report

TESTING
No.0009

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO36238
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 2521850

Date Received : Mar 19, 2025
Date Reported : Mar 29, 2025
Report Number : 3250652-1

Page 1 of 1

Sample Number : 2521850-1
Sampled Date : Mar 19, 2025 10:40 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Mar 20, 2025
Condition of Sample : Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property : Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, Part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Panupong Homewong

Remark :

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

Approved by

Sithichok T

Sithichok Thongnueen
Scientist (3)

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Analysis / Test Report

TESTING
No.0009

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO36238
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 2521851

Date Received : Mar 26, 2025

Date Reported : Apr 04, 2025

Report Number : 3250651-1

Page 1 of 1

Sample Number : 2521851-1
Sampled Date : Mar 26, 2025 10:25 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Mar 27, 2025
Condition of Sample : Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property : Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Panupong Homewong

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Approved by

Suwannee Chumkeaw
Section Head

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Analysis / Test Report

TESTING
No.0009

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO37479
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 2530827

Date Received : Apr 02, 2025

Date Reported : Apr 10, 2025

Report Number : 3271696-1

Page 1 of 1

Sample Number : 2530827-1
Sampled Date : Apr 02, 2025 7:55 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Apr 02, 2025
Condition of Sample : Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	3.6	0.6-1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Pichai Boonyong

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Approved by

Sithichok T

Sithichok Thongnguen
Scientist (3)

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO37479
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009

Lot ID: 2532913

Date Received : Apr 08, 2025

Date Reported : Apr 21, 2025

Report Number : 3276504-1

Page 1 of 1

Sample Number : 2532913-1
Sampled Date : Apr 08, 2025 10:22 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Apr 09, 2025
Condition of Sample : Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property : Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Pichai Boonyong

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Approved by

Suwannee Chumkeaw
Section Head

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO37479
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009

Lot ID: 2532916

Date Received : Apr 17, 2025

Date Reported : Apr 21, 2025

Report Number : 3276507-1

Page 1 of 1

Sample Number : 2532916-1
Sampled Date : Apr 17, 2025 10:40 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Apr 18, 2025
Condition of Sample : Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property : Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Panupong Homewong

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Suwannee Chumkeaw
Section Head



Analysis / Test Report

TESTING

No.0009

Lot ID: 2532917

Date Received : Apr 23, 2025

Date Reported : May 06, 2025

Report Number : 3276506-1

Client : Piyasombat Property Co., Ltd.

81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330

P/O : PO37479

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Page 1 of 1

Sample Number	2532917-1
Sampled Date	Apr 23, 2025 2:25 PM
Sample Description	Swimming Pool
Location	น้ำสระว่ายน้ำ
Date Analysis Commenced	Apr 24, 2025
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Theeraphol Sangthong

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Approved by

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Section Head

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2539353

Date Received : Apr 30, 2025

Date Reported : May 13, 2025

Report Number : 3291347-1

Client : Piyasombat Property Co., Ltd.

81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330

P/O :

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Page 1 of 1

Sample Number	2539353-1
Sampled Date	Apr 30, 2025 8:15 AM
Sample Description	Swimming Pool
Location	น้ำสระว่ายน้ำ
Date Analysis Commenced	Apr 30, 2025
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Pichai Boonyong

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Approved by

Suwannee Chumkeaw
Section Head

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2539355

Date Received : May 07, 2025

Date Reported : May 13, 2025

Report Number : 3291352-1

Client : Piyasombat Property Co., Ltd.

81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330

P/O :

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Page 1 of 1

Sample Number	2539355-1
Sampled Date	May 07, 2025 9:30 AM
Sample Description	Swimming Pool
Location	น้ำสระว่ายน้ำ
Date Analysis Commenced	May 08, 2025
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Pichai Boonyong

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Suwannee Chumkeaw
Section Head

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2539356

Date Received : May 14, 2025

Date Reported : May 24, 2025

Report Number : 3291351-1

Client : Piyasombat Property Co., Ltd.

81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330

P/O : PO38777

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Page 1 of 1

Sample Number	2539356-1
Sampled Date	May 14, 2025 8:00 AM
Sample Description	Swimming Pool
Location	น้ำสระว่ายน้ำ
Date Analysis Commenced	May 14, 2025
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Pichai Boonyong

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Approved by

Sithichok T

Sithichok Thongnueen
Scientist (3)

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2539357

Date Received : May 21, 2025

Date Reported : May 30, 2025

Report Number : 3291350-1

Client : Piyasombat Property Co., Ltd.

81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330

P/O : PO38777

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Page 1 of 1

Sample Number	2539357-1
Sampled Date	May 21, 2025 8:05 AM
Sample Description	Swimming Pool
Location	น้ำสระว่ายน้ำ
Date Analysis Commenced	May 21, 2025
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Pichai Boonyong

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Suwannee Chumkeaw
Section Head



Analysis / Test Report

TESTING

No.0009

Lot ID: 2539358

Date Received : May 28, 2025

Date Reported : Jun 09, 2025

Report Number : 3291349-1

Client : Piyasombat Property Co., Ltd.

81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330

P/O : PO38777

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Page 1 of 1

Sample Number	2539358-1
Sampled Date	May 28, 2025 10:00 AM
Sample Description	Swimming Pool
Location	น้ำสระว่ายน้ำ
Date Analysis Commenced	May 29, 2025
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Theeraphol Sangthong

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2549751

Date Received : Jun 04, 2025

Date Reported : Jun 14, 2025

Report Number : 3316360-1

Client : Piyasombat Property Co., Ltd.

81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330

P/O : PO39843

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Page 1 of 1

Sample Number	2549751-1
Sampled Date	Jun 04, 2025 9:35 AM
Sample Description	Swimming Pool
Location	น้ำสระว่ายน้ำ
Date Analysis Commenced	Jun 05, 2025
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Pichai Boonyong

Remark :

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO39843
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009

Lot ID: 2549754

Date Received : Jun 11, 2025

Date Reported : Jun 19, 2025

Report Number : 3316387-1

Page 1 of 1

Sample Number : 2549754-1
Sampled Date : Jun 11, 2025 8:45 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Jun 11, 2025
Condition of Sample : Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property : Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Pichai Boonyong

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

Approved by

Sithichok T

Sithichok Thongnueen
Scientist (3)

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.



Analysis / Test Report

TESTING
No.0009

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO39843
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 2549755
Date Received : Jun 18, 2025
Date Reported : Jun 28, 2025
Report Number : 3316383-1

Page 1 of 1

Sample Number : 2549755-1
Sampled Date : Jun 18, 2025 11:40 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Jun 19, 2025
Condition of Sample : Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property : Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Theeraphol Sangthong

Remark :

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Approved by

Sithichok T

Sithichok Thongnguen
Scientist (3)

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO39843
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009

Lot ID: 2549756

Date Received : Jun 25, 2025

Date Reported : Jul 05, 2025

Report Number : 3316380-1

Page 1 of 1

Sample Number : 2549756-1
Sampled Date : Jun 25, 2025 9:20 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Jun 26, 2025
Condition of Sample : Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property : Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 F	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Bangkok
Total Coliform	MPN/100mL	-	-	<1.1	<10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Bangkok

Guideline : BMA : Regulation of Bangkok about Swimming Pool, B.E.2530

Sampling By : Panupong Homewong

Remark :

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

Approved by

Sithichok T

Sithichok Thongnuean
Scientist (3)

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