

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 : PO29424
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 24126222

Date Received : Nov 28, 2024
Date Reported : Dec 03, 2024
Report Number: 3155010-1

Page 1 of 1

Sample Description Air Quality
Location Hotel Indigo Bangkok : บริเวณริมรั้วด้านหลังพื้นที่โครงการ (ทางทิศตะวันออก) (GPS 47P 0667312, 1519502)
Parameter Nitrogen dioxide (ppm)
Measurement Date Nov 25, 2024 - Nov 28, 2024
Measurement by Winyou Boontana

	24126222-1	24126222-2	24126222-3	-	-	-	-
Time	Nov 25, 2024	Nov 26, 2024	Nov 27, 2024	-	-	-	-
10:00 AM - 11:00 AM	0.0127	0.0180	0.0202	-	-	-	-
11:00 AM - 12:00 PM	0.0157	0.0159	0.0207	-	-	-	-
12:00 PM - 01:00 PM	0.0121	0.0106	0.0143	-	-	-	-
01:00 PM - 02:00 PM	0.0120	0.0111	0.0178	-	-	-	-
02:00 PM - 03:00 PM	0.0138	0.0139	0.0163	-	-	-	-
03:00 PM - 04:00 PM	0.0119	0.0138	0.0151	-	-	-	-
04:00 PM - 05:00 PM	0.0167	0.0146	0.0145	-	-	-	-
05:00 PM - 06:00 PM	0.0149	0.0187	0.0209	-	-	-	-
06:00 PM - 07:00 PM	0.0188	0.0259	0.0223	-	-	-	-
07:00 PM - 08:00 PM	0.0202	0.0354	0.0271	-	-	-	-
08:00 PM - 09:00 PM	0.0230	0.0443	0.0255	-	-	-	-
09:00 PM - 10:00 PM	0.0226	0.0399	0.0251	-	-	-	-
10:00 PM - 11:00 PM	0.0237	0.0365	0.0270	-	-	-	-
11:00 PM - 12:00 AM	0.0257	0.0347	0.0263	-	-	-	-
12:00 AM - 01:00 AM	0.0274	0.0340	0.0201	-	-	-	-
01:00 AM - 02:00 AM	0.0215	0.0312	0.0102	-	-	-	-
02:00 AM - 03:00 AM	0.0177	0.0217	0.0087	-	-	-	-
03:00 AM - 04:00 AM	0.0124	0.0153	0.0071	-	-	-	-
04:00 AM - 05:00 AM	0.0115	0.0138	0.0086	-	-	-	-
05:00 AM - 06:00 AM	0.0158	0.0134	0.0148	-	-	-	-
06:00 AM - 07:00 AM	0.0195	0.0175	0.0177	-	-	-	-
07:00 AM - 08:00 AM	0.0234	0.0183	0.0194	-	-	-	-
08:00 AM - 09:00 AM	0.0235	0.0226	0.0198	-	-	-	-
09:00 AM - 10:00 AM	0.0215	0.0254	0.0179	-	-	-	-
Average	0.0182	0.0228	0.0182	-	-	-	-
1hr - Maximum	0.0274	0.0443	0.0271	-	-	-	-
Standard 1hr - Average	0.170	0.170	0.170	-	-	-	-

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).
Reference Method : US EPA Method Part 50 App. F (Chemiluminescence)

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

Approved by

Orawan R.

Orawan Rakyong
Scientist (3)

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO29424
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 24126223

Date Received : Nov 28, 2024
Date Reported : Dec 03, 2024
Report Number: 3155011-1

Page 1 of 1

Sample Description	Air Quality						
Location	Hotel Indigo Bangkok : บริเวณริมรั้วด้านหลังพื้นที่โครงการ (ทางทิศตะวันออก) (GPS 47P 0667312, 1519502)						
Parameter	Sulfur Dioxide (ppm)						
Measurement Date	Nov 25, 2024 - Nov 28, 2024						
Measurement by	Winyou Boontana						
	24126223-1	24126223-2	24126223-3	-	-	-	-
Time	Nov 25, 2024	Nov 26, 2024	Nov 27, 2024	-	-	-	-
10:00 AM - 11:00 AM	0.0008	0.0010	0.0009	-	-	-	-
11:00 AM - 12:00 PM	0.0007	0.0010	0.0009	-	-	-	-
12:00 PM - 01:00 PM	0.0018	0.0009	0.0006	-	-	-	-
01:00 PM - 02:00 PM	0.0019	0.0010	0.0008	-	-	-	-
02:00 PM - 03:00 PM	0.0017	0.0012	0.0007	-	-	-	-
03:00 PM - 04:00 PM	0.0017	0.0010	0.0008	-	-	-	-
04:00 PM - 05:00 PM	0.0016	0.0009	0.0008	-	-	-	-
05:00 PM - 06:00 PM	0.0017	0.0010	0.0008	-	-	-	-
06:00 PM - 07:00 PM	0.0016	0.0009	0.0007	-	-	-	-
07:00 PM - 08:00 PM	0.0016	0.0008	0.0008	-	-	-	-
08:00 PM - 09:00 PM	0.0018	0.0010	0.0008	-	-	-	-
09:00 PM - 10:00 PM	0.0013	0.0010	0.0005	-	-	-	-
10:00 PM - 11:00 PM	0.0015	0.0010	0.0005	-	-	-	-
11:00 PM - 12:00 AM	0.0014	0.0014	0.0006	-	-	-	-
12:00 AM - 01:00 AM	0.0012	0.0012	0.0007	-	-	-	-
01:00 AM - 02:00 AM	0.0011	0.0009	0.0008	-	-	-	-
02:00 AM - 03:00 AM	0.0011	0.0010	0.0007	-	-	-	-
03:00 AM - 04:00 AM	0.0010	0.0011	0.0007	-	-	-	-
04:00 AM - 05:00 AM	0.0010	0.0010	0.0009	-	-	-	-
05:00 AM - 06:00 AM	0.0011	0.0010	0.0010	-	-	-	-
06:00 AM - 07:00 AM	0.0010	0.0009	0.0006	-	-	-	-
07:00 AM - 08:00 AM	0.0009	0.0008	0.0008	-	-	-	-
08:00 AM - 09:00 AM	0.0010	0.0011	0.0008	-	-	-	-
09:00 AM - 10:00 AM	0.0011	0.0008	0.0006	-	-	-	-
Average	0.0013	0.0010	0.0007	-	-	-	-
1hr - Maximum	0.0019	0.0014	0.0010	-	-	-	-
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 : US EPA Method Part 53 and 58

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Approved by

Orawan R.

Orawan Rakyong
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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 : PO31330
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 24126224

Date Received : Nov 28, 2024
Date Reported : Dec 06, 2024
Report Number : 3155014-1

Page 1 of 3

Sample Number : 24126224-1
Sampled Date : Nov 25, 2024
Sample Description : Air Quality
Location : Hotel Indigo Bangkok : บริเวณริมรั้วด้านหลังพื้นที่โครงการ (ทางทิศตะวันออก) (GPS 47P 0667312, 1519502)
Date Analysis Commenced : Nov 29, 2024
Condition of Sample : Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one 10-L air sampling bag
Barometric Pressure : 758 mmHg
Atmospheric Temperature : 33.2 °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	0.12	30	EPA 40 CFR Part 50, Appendix C	NEB No.10 Bangkok	
Particulate matter as PM 10	25/11/24 - 26/11/24	mg/m3	-	0.005	0.022	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	2.2	No Standard	Total Hydrocarbon Analyzer (FID)	-	Bangkok
Total Suspended Particulate	25/11/24 - 26/11/24	mg/m3	-	0.005	0.033	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 Boontana

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.

Approved by

Orawan R.

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 : PO31330
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 24126224

Date Received : Nov 28, 2024
Date Reported : Dec 06, 2024
Report Number : 3155014-1

Page 2 of 3

Sample Number : 24126224-2
Sampled Date : Nov 26, 2024
Sample Description : Air Quality
Location : Hotel Indigo Bangkok : บริเวณริมรั้วด้านหลังพื้นที่โครงการ (ทางทิศตะวันออก) (GPS 47P 0667312, 1519502)
Date Analysis Commenced : Nov 29, 2024
Condition of Sample : Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one 10-L air sampling bag
Barometric Pressure : 758 mmHg
Atmospheric Temperature : 33.1 °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	<0.10	30	EPA 40 CFR Part 50, Appendix C	NEB No.10 Bangkok	
Particulate matter as PM 10	26/11/24 - 27/11/24	mg/m3	-	0.005	0.030	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	2.2	No Standard	Total Hydrocarbon Analyzer (FID)	-	Bangkok
Total Suspended Particulate	26/11/24 - 27/11/24	mg/m3	-	0.005	0.041	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 Boontana

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Approved by

Orawan R.

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 : PO31330
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 24126224

Date Received : Nov 28, 2024
Date Reported : Dec 06, 2024
Report Number : 3155014-1

Page 3 of 3

Sample Number 24126224-3
Sampled Date Nov 27, 2024
Sample Description Air Quality
Location Hotel Indigo Bangkok : บริเวณริมรั้วด้านหลังพื้นที่โครงการ (ทางทิศตะวันออก) (GPS 47P 0667312, 1519502)
Date Analysis Commenced Nov 29, 2024
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one 10-L air sampling bag
Barometric Pressure 758 mmHg
Atmospheric Temperature 32.9 °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	0.12	30	EPA 40 CFR Part 50, Appendix C	NEB No.10 Bangkok	
Particulate matter as PM 10	27/11/24 - 28/11/24	mg/m3	-	0.005	0.025	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	3.4	No Standard	Total Hydrocarbon Analyzer (FID)	-	Bangkok
Total Suspended Particulate	27/11/24 - 28/11/24	mg/m3	-	0.005	0.034	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 Boontana

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Approved by

Orawan R.

Orawan Rakyong
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 : PO23367,PO23746
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 2474653

Date Received : Jul 17, 2024
Date Reported : Jul 25, 2024
Report Number : 3065231-1

Page 1 of 1

Sample Number	2474653-1
Sampled Date	Jul 17, 2024 10:58 AM
Sample Description	Wastewater
Location	บริเวณจุดรวบรวมน้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย
Date Analysis Commenced	Jul 18, 2024
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	172	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Bangkok
Oil & Grease *	mg/L	-	3	7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Bangkok
pH at 25 degree C *		-	-	7.2	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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	4.2	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	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	46.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	39	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok

Sampling By : Theeraphol Sangthong ทะเบียนเลขที่ ว-204-จ-0146

Remark :

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Technical Management

Siriluk P.

Siriluk Bunnak
Section Head

ทะเบียนเลขที่ ว-204-จ-0013

Approved by

Kanok Korn Anek

Kanok Korn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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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: 2486178

Date Received : Aug 14, 2024

Date Reported : Aug 30, 2024

Report Number : 3097396-1

Page 1 of 1

Sample Number	2486178-1
Sampled Date	Aug 14, 2024 10:50 AM
Sample Description	Wastewater
Location	บริเวณจุดรวบรวมน้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย
Date Analysis Commenced	Aug 15, 2024
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	142	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Bangkok
Oil & Grease	mg/L	-	3	21	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		-	-	7.2	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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	2.8	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	328	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	44.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	56	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok

Sampling By : Panupong Homewong

Remark :

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Approved by

Suwimon C.

Suwimon Chairuangwut
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 : PO26429
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 2498004

Date Received : Sep 11, 2024
Date Reported : Sep 18, 2024
Report Number : 3114509-1

Page 1 of 1

Sample Number	2498004-1
Sampled Date	Sep 11, 2024 10:40 AM
Sample Description	Wastewater
Location	บริเวณจุดรวบรวมน้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย
Date Analysis Commenced	Sep 12, 2024
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	136	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Bangkok
Oil & Grease	mg/L	-	3	13	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		-	-	7.1	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	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	2.6	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 180 degree C	mg/L	-	5	312	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	44.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	78	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok

Sampling By : Panupong Homewong

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.

Approved by

Suwimon C.

Suwimon Chairuangwut
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 : PO27997
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 24110048

Date Received : Oct 09, 2024

Date Reported : Oct 17, 2024

Report Number : 3139786-1

Page 1 of 1

Sample Number	24110048-1
Sampled Date	Oct 09, 2024 10:45 AM
Sample Description	Wastewater
Location	บริเวณจุดรวมรวมน้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย
Date Analysis Commenced	Oct 10, 2024
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	168	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		-	-	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	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	4.2	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	236	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	19.1	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	58	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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Approved by

Suwimon C.

Suwimon Chairuangwut

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 : PO29424
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 24124585

Date Received : Nov 13, 2024

Date Reported : Nov 29, 2024

Report Number : 3180626-1

Page 1 of 1

Sample Number	24124585-1
Sampled Date	Nov 13, 2024 10:32 AM
Sample Description	Wastewater
Location	บริเวณจุดรวบรวมน้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย
Date Analysis Commenced	Nov 14, 2024
Condition of Sample	Contained in four plastic bottles and one amber glass bottle, 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	231	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		-	-	7.4	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	0.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	<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	324	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	57.5	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	68	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Chulladet Warin

Remark :

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Approved by

Suwimon C.

Suwimon Chairuangwut
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 : PO31330
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Lot ID: 24130746

Date Received : Dec 11, 2024
Date Reported : Dec 18, 2024
Report Number : 3196616-1

Page 1 of 1

Sample Number	24130746-1
Sampled Date	Dec 11, 2024 9:49 AM
Sample Description	Wastewater
Location	บริเวณจุดรวบรวมน้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย
Date Analysis Commenced	Dec 12, 2024
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, a lot of solid and some 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	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		-	-	7.4	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	1.5	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	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	47.3	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	76	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Chulladet Warin

Remark :

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

Siriluk P.

Siriluk Bunnak
Section Head

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2474653

Date Received : Jul 17, 2024

Date Reported : Jul 25, 2024

Report Number : 3065232-1

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phathumwan, Bangkok Thailand 10330
P/O : PO23367, PO23746
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Page 1 of 2

Sample Number	2474653-2
Sampled Date	Jul 17, 2024 10:52 AM
Sample Description	Wastewater
Location	บริเวณจุดปล่อยน้ำทิ้งจากบ่อพักน้ำทิ้ง (Effluent Tank)
Date Analysis Commenced	Jul 18, 2024
Condition of Sample	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, some odour, a lot of 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	6.9	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, 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, 23rd ed., 2017, part 5520 B	Bangkok
pH at 25 degree C *		-	-	7.5	5.0-9.0	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	320	(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	7.1	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	17	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok

Technical Management

Siriluk P.

Siriluk Bunnak
Section Head

ทะเบียนเลขที่ ว-204-จ-0013

Approved by

Kanokkorn Anek

Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ค-0004

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2474653

Date Received : Jul 17, 2024

Date Reported : Jul 25, 2024

Report Number : 3065232-1

Client : Piyasombat Property Co., Ltd.

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

P/O : PO23367,PO23746

Project Name : Monitoring EIA

Project Location: Hotel Indigo

Page 2 of 2

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.

Sampling By : Theeraphol Sangthong ทะเบียนเลขที่ ว-204-จ-0146

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.

Technical Management

Siriluk P.

Siriluk Bunnak

Section Head

ทะเบียนเลขที่ ว-204-จ-0013

Approved by

Kanokkorn Anek

Kanokkorn Anek

Assistant General Manager

ทะเบียนเลขที่ ว-204-ค-0004

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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: 2486178

Date Received : Aug 14, 2024

Date Reported : Aug 30, 2024

Report Number : 3097397-1

Page 1 of 2

Sample Number	2486178-2
Sampled Date	Aug 14, 2024 10:45 AM
Sample Description	Wastewater
Location	บริเวณจุดปล่อยน้ำทิ้งจากบ่อพักน้ำทิ้ง (Effluent Tank)
Date Analysis Commenced	Aug 15, 2024
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	5.6	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Bangkok
Oil & Grease	mg/L	-	3	5	≤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		-	-	7.2	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	276	(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	4.8	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok

Approved by

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 :

Project Name : Monitoring EIA

Project Location : Hotel Indigo

TESTING

No.0009

Lot ID: 2486178

Date Received : Aug 14, 2024

Date Reported : Aug 30, 2024

Report Number : 3097397-1

Page 2 of 2

Sample Number	2486178-2
Sampled Date	Aug 14, 2024 10:45 AM
Sample Description	Wastewater
Location	บริเวณจุดปล่อยน้ำทิ้งจากบ่อพักน้ำทิ้ง (Effluent Tank)
Date Analysis Commenced	Aug 15, 2024
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							
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	31	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	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.

Sampling By : Panupong Homewong

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.
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Approved by

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 : PO26429
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009

Lot ID: 2498004

Date Received : Sep 11, 2024

Date Reported : Sep 18, 2024

Report Number : 3114510-1

Page 1 of 2

Sample Number	2498004-2
Sampled Date	Sep 11, 2024 10:35 AM
Sample Description	Wastewater
Location	บริเวณจุดปล่อยน้ำทิ้งจากบ่อพักน้ำทิ้ง (Effluent Tank)
Date Analysis Commenced	Sep 12, 2024
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 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	5.4	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	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		-	-	7.1	5.5-9.0	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	No Standard	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 180 degree C	mg/L	-	5	168	≤1000	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	3.2	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	17	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok

Approved by

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 : PO26429
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 2498004
Date Received : Sep 11, 2024
Date Reported : Sep 18, 2024
Report Number : 3114510-1

Page 2 of 2

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

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.

Approved by

Suwimon C.

Suwimon Chairuangwut
Scientist (3)

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phathumwan, Bangkok Thailand 10330
P/O : PO27997
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 24110048
Date Received : Oct 09, 2024
Date Reported : Oct 17, 2024
Report Number : 3139787-1

Page 1 of 2

Sample Number	24110048-2
Sampled Date	Oct 09, 2024 10:40 AM
Sample Description	Wastewater
Location	บริเวณจุดปล่อยน้ำทิ้งจากบ่อพักน้ำทิ้ง (Effluent Tank)
Date Analysis Commenced	Oct 10, 2024
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 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	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	172	≤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	3.4	≤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	12	≤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

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 : PO27997
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 24110048
Date Received : Oct 09, 2024
Date Reported : Oct 17, 2024
Report Number : 3139787-1

Page 2 of 2

Sampling By : Panupong Homewong

Remark :

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Approved by

Suwimon C.

Suwimon Chairuangwut
Scientist (3)

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Analysis / Test Report

TESTING

No.0009

Lot ID: 24124585

Date Received : Nov 13, 2024

Date Reported : Nov 29, 2024

Report Number : 3180627-1

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

P/O : PO29424

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Page 1 of 2

Sample Number	24124585-2
Sampled Date	Nov 13, 2024 10:28 AM
Sample Description	Wastewater
Location	บริเวณจุดปล่อยน้ำทิ้งจากบ่อพักน้ำทิ้ง (Effluent Tank)
Date Analysis Commenced	Nov 14, 2024
Condition of Sample	Contained in four plastic bottles and one amber glass bottle, 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	23.9	≤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	256	≤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	18.7	≤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	48	≤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

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 : PO29424
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 24124585
Date Received : Nov 13, 2024
Date Reported : Nov 29, 2024
Report Number : 3180627-1

Page 2 of 2

Sampling By : Chulladet Warin

Remark :

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Approved by

Suwimon C.

Suwimon Chairuangwut
Scientist (3)

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Analysis / Test Report

TESTING

No.0009

Lot ID: 24130746

Date Received : Dec 11, 2024

Date Reported : Jan 18, 2025

Report Number : 3196617-1 Rev. No.1

Client : Piyasombat Property Co., Ltd.

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

P/O : PO31330

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Page 1 of 1

Sample Number	24130746-2
Sampled Date	Dec 11, 2024 9:45 AM
Sample Description	Wastewater
Location	บริเวณจุดปล่อยน้ำทิ้งจากบ่อพักน้ำทิ้ง (Effluent Tank)
Date Analysis Commenced	Dec 12, 2024
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	Guideline / Specification	Method	Testing Location
Water Testing							
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	0.6	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	288	≤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	10.3	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	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.

Note : This Analysis test report is reissued to supersede report No.3196617-1, Date Reported : 12/118/2024 due to revise analytical information.

Sampling By : Chulladet Warin

Remark :

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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 : PO32756
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009

Lot ID: 24145231

Date Received : Dec 30, 2024

Date Reported : Jan 04, 2025

Report Number : 3204683-1

Page 1 of 1

Sample Number 24145231-1
Sampled Date Dec 30, 2024 8:54 AM
Sample Description Wastewater
Location บริเวณจุดปล่อยน้ำทิ้งจากบ่อพักน้ำทิ้ง (Effluent Tank)
Date Analysis Commenced Dec 30, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property Yellow, some odour, 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	5.5	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	18	≤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.

Sampling By : Panupong Homewong

Remark :

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Approved by

Suwimon C.

Suwimon Chairuangwut
Scientist (3)

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คุณภาพน้ำระวายน้



Analysis / Test Report

TESTING

No.0009

Lot ID: 2474662

Date Received : Jul 03, 2024

Date Reported : Jul 13, 2024

Report Number : 3039516-1

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO23367,PO23746
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Page 1 of 1

Sample Number : 2474662-1
Sampled Date : Jul 03, 2024 9:40 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Jul 04, 2024
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, 23rd ed., 2017, 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, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	0.1	0.6-1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Bangkok

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

Sampling By : Pichai Boonyong

Remark :

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Approved by

Sithichok T.

Sithichok Thongnueun
Scientist (3)

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2474668

Date Received : Jul 10, 2024

Date Reported : Jul 17, 2024

Report Number : 3039523-1

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO23367,PO23746
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Page 1 of 1

Sample Number : 2474668-1
Sampled Date : Jul 10, 2024 10:40 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Jul 11, 2024
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, 23rd ed., 2017, 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, 23rd ed., 2017, part 9221 B	Bangkok

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

Sampling By : Chulladet Warin

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

Sithichok T.

Sithichok Thongnuean
Scientist (3)

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2474669

Date Received : Jul 17, 2024

Date Reported : Jul 30, 2024

Report Number : 3039521-1

Client : Piyasombat Property Co., Ltd.

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

P/O : PO23367,PO23746

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Page 1 of 1

Sample Number	2474669-1
Sampled Date	Jul 17, 2024 10:40 AM
Sample Description	Swimming Pool
Location	น้ำสระว่ายน้ำ
Date Analysis Commenced	Jul 18, 2024
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, 23rd ed., 2017, 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, 23rd ed., 2017, 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

Suwannee Chumkeaw
Section Head

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2474670

Date Received : Jul 24, 2024

Date Reported : Aug 05, 2024

Report Number : 3039520-1

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO23367,PO23746
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Page 1 of 1

Sample Number : 2474670-1
Sampled Date : Jul 24, 2024 8:30 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Jul 24, 2024
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, 23rd ed., 2017, part 9221 B, F	Bangkok
Standard Plate Count	CFU/mL	-	-	71	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, 23rd ed., 2017, part 9221 B	Bangkok

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

Sampling By : Panupong Homewong

Remark :

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Approved by

Suwannee Chumkeaw
Section Head

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2474671

Date Received : Jul 31, 2024

Date Reported : Aug 10, 2024

Report Number : 3039518-1

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO23367
Project Name : Monitoring EIA
Project Location : Hotel Indigo

Page 1 of 1

Sample Number : 2474671-1
Sampled Date : Jul 31, 2024 8:05 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Jul 31, 2024
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, 23rd ed., 2017, 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, 23rd ed., 2017, part 9221 B	Bangkok

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

Sampling By : Panupong Homewong

Remark :

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Approved by

Sithichok T.

Sithichok Thongnuean
Scientist (3)

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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: 2486181

Date Received : Aug 07, 2024

Date Reported : Aug 19, 2024

Report Number : 3066856-1

Page 1 of 1

Sample Number	2486181-1
Sampled Date	Aug 07, 2024 2:40 PM
Sample Description	Swimming Pool
Location	น้ำสระว่ายน้ำ
Date Analysis Commenced	Aug 08, 2024
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, 23rd ed., 2017, 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, 23rd ed., 2017, part 9221 B	Bangkok

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

Sampling By : Anupong Rattanasriprasert

Remark :

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Approved by

Tuanjai Thangklang
Manager

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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: 2486186

Date Received : Aug 14, 2024

Date Reported : Aug 22, 2024

Report Number : 3066867-1

Page 1 of 1

Sample Number	2486186-1
Sampled Date	Aug 14, 2024 10:55 AM
Sample Description	Swimming Pool
Location	น้ำสระว่ายน้ำ
Date Analysis Commenced	Aug 15, 2024
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, 23rd ed., 2017, 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, 23rd ed., 2017, part 9221 B	Bangkok

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

Sampling By : Panupong Homewong

Remark :

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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 :

Project Name : Monitoring EIA

Project Location : Hotel Indigo

TESTING

No.0009

Lot ID: 2486187

Date Received : Aug 22, 2024

Date Reported : Sep 02, 2024

Report Number : 3066864-1

Page 1 of 1

Sample Number	2486187-1
Sampled Date	Aug 22, 2024 9:35 AM
Sample Description	Swimming Pool
Location	น้ำสระว่ายน้ำ
Date Analysis Commenced	Aug 23, 2024
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, 23rd ed., 2017, 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, 23rd ed., 2017, part 9221 B	Bangkok

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

Sampling By : Chulladet Warin

Remark :

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Approved by

Sithichok T.

Sithichok Thongnuean
Scientist (3)

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2486188

Date Received : Aug 28, 2024

Date Reported : Sep 07, 2024

Report Number : 3066861-1

Client : Piyasombat Property Co., Ltd.

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

P/O : PO25018

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Page 1 of 1

Sample Number	2486188-1
Sampled Date	Aug 28, 2024 1:10 PM
Sample Description	Swimming Pool
Location	น้ำสระว่ายน้ำ
Date Analysis Commenced	Aug 29, 2024
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, 23rd ed., 2017, 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, 23rd ed., 2017, 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

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Sithichok Thongnueen
Scientist (3)

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO26429
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 2498005
Date Received : Sep 04, 2024
Date Reported : Sep 14, 2024
Report Number : 3091775-1

Page 1 of 1

Sample Number : 2498005-1
Sampled Date : Sep 04, 2024 10:30 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Sep 05, 2024
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, 23rd ed., 2017, 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, 23rd ed., 2017, 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 Thongnuean
Scientist (3)

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2498007

Date Received : Sep 11, 2024

Date Reported : Sep 21, 2024

Report Number : 3091787-1

Client : Piyasombat Property Co., Ltd.

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

P/O : PO26429

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Page 1 of 1

Sample Number	2498007-1
Sampled Date	Sep 11, 2024 10:45 AM
Sample Description	Swimming Pool
Location	น้ำสระว่ายน้ำ
Date Analysis Commenced	Sep 12, 2024
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	-	-	7	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

Sithichok T.

Sithichok Thongnueun
Scientist (3)

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2498008

Date Received : Sep 18, 2024

Date Reported : Sep 28, 2024

Report Number : 3091777-1

Client : Piyasombat Property Co., Ltd.

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

P/O : PO26429

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Page 1 of 1

Sample Number	2498008-1
Sampled Date	Sep 18, 2024 11:05 AM
Sample Description	Swimming Pool
Location	น้ำสระว่ายน้ำ
Date Analysis Commenced	Sep 19, 2024
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

Remark :

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Approved by

Sithichok T.

Sithichok Thongnueen
Scientist (3)

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2498009

Date Received : Sep 25, 2024

Date Reported : Oct 05, 2024

Report Number : 3091776-1

Client : Piyasombat Property Co., Ltd.

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

P/O : PO26429

Project Name : Monitoring EIA

Project Location : Hotel Indigo

Page 1 of 1

Sample Number	2498009-1
Sampled Date	Sep 25, 2024 8:35 AM
Sample Description	Swimming Pool
Location	น้ำสระว่ายน้ำ
Date Analysis Commenced	Sep 25, 2024
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	-	-	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	-	-	7	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	-	-	>23	<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 Thongnueun
Scientist (3)

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO27997
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 24110523
Date Received : Oct 02, 2024
Date Reported : Oct 22, 2024
Report Number : 3120211-1

Page 1 of 1

Sample Number 24110523-1
Sampled Date Oct 02, 2024 11:30 AM
Sample Description Swimming Pool
Location น้ำสระว่ายน้ำ
Date Analysis Commenced Oct 03, 2024
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	7.4	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 : Thitiwan Aimurai

Remark :

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Approved by

Sithichok T.

Sithichok Thongnuean
Scientist (3)

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phathumwan, Bangkok Thailand 10330
P/O : PO27997
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 24110526
Date Received : Oct 09, 2024
Date Reported : Oct 21, 2024
Report Number : 3120219-1

Page 1 of 1

Sample Number : 24110526-1
Sampled Date : Oct 09, 2024 10:30 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Oct 10, 2024
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, 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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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 : PO27997
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 24110530
Date Received : Oct 16, 2024
Date Reported : Oct 25, 2024
Report Number : 3120231-1

Page 1 of 1

Sample Number 24110530-1
Sampled Date Oct 16, 2024 8:09 AM
Sample Description Swimming Pool
Location น้าสระว่ายน้ำ
Date Analysis Commenced Oct 16, 2024
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 : Jiranat Khowlaor

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Approved by

Sithichok T.

Sithichok Thongnueen
Scientist (3)

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO27997
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 24110531
Date Received : Oct 23, 2024
Date Reported : Nov 02, 2024
Report Number : 3120226-1

Page 1 of 1

Sample Number 24110531-1
Sampled Date Oct 23, 2024 8:35 AM
Sample Description Swimming Pool
Location น้ำสระว่ายน้ำ
Date Analysis Commenced Oct 23, 2024
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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Sithichok Thongnuean
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81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO27997
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 24112764
Date Received : Oct 30, 2024
Date Reported : Nov 09, 2024
Report Number : 3124449-1

Page 1 of 1

Sample Number 24112764-1
Sampled Date Oct 30, 2024 9:10 AM
Sample Description Swimming Pool
Location น้ำสระว่ายน้ำ
Date Analysis Commenced Oct 31, 2024
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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Sithichok Thongnueun
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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO29424
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 24124593
Date Received : Nov 06, 2024
Date Reported : Nov 15, 2024
Report Number : 3151056-1

Page 1 of 1

Sample Number : 24124593-1
Sampled Date : Nov 06, 2024 8:20 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Nov 06, 2024
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	-	-	24	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	-	-	16.0	<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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Sithichok Thongnueen
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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO29424
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009

Lot ID: 24124594

Date Received : Nov 13, 2024

Date Reported : Nov 22, 2024

Report Number : 3151063-1

Page 1 of 1

Sample Number : 24124594-1
Sampled Date : Nov 13, 2024 10:05 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Nov 14, 2024
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 : Chulladet Warin

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P/O : PO29424
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 24124595
Date Received : Nov 20, 2024
Date Reported : Nov 30, 2024
Report Number : 3151061-1

Page 1 of 1

Sample Number 24124595-1
Sampled Date Nov 20, 2024 10:50 AM
Sample Description Swimming Pool
Location น้ำสระว่ายน้ำ
Date Analysis Commenced Nov 21, 2024
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	-	-	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	-	-	7600	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	-	-	>23	<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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Sithichok T.

Sithichok Thongnueen
Scientist (3)

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Analysis / Test Report

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P/O : PO29424
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 24124596
Date Received : Nov 27, 2024
Date Reported : Dec 09, 2024
Report Number : 3151059-1

Page 1 of 1

Sample Number : 24124596-1
Sampled Date : Nov 27, 2024 8:55 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Nov 27, 2024
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	-	-	3800	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	-	-	>23	<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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Section Head

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO31330
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 24130747
Date Received : Dec 04, 2024
Date Reported : Dec 16, 2024
Report Number : 3167727-1

Page 1 of 1

Sample Number : 24130747-1
Sampled Date : Dec 04, 2024 11:20 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Dec 05, 2024
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	-	-	160000	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	-	-	>23	<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 : PO31330
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009

Lot ID: 24130748

Date Received : Dec 11, 2024

Date Reported : Dec 16, 2024

Report Number : 3167731-1

Page 1 of 1

Sample Number : 24130748-1
Sampled Date : Dec 11, 2024 10:11 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Dec 12, 2024
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 : Chulladet Warin

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO31330
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009
Lot ID: 24130749
Date Received : Dec 18, 2024
Date Reported : Dec 27, 2024
Report Number : 3167730-1

Page 1 of 1

Sample Number : 24130749-1
Sampled Date : Dec 18, 2024 10:30 AM
Sample Description : Swimming Pool
Location : น้ำสระว่ายน้ำ
Date Analysis Commenced : Dec 19, 2024
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, 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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Sithichok T.

Sithichok Thongnuean
Scientist (3)

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Analysis / Test Report

Client : Piyasombat Property Co., Ltd.
81, Wireless Road, Lumpini, Phatumwan, Bangkok Thailand 10330
P/O : PO31330
Project Name : Monitoring EIA
Project Location : Hotel Indigo

TESTING
No.0009

Lot ID: 24130750

Date Received : Dec 25, 2024

Date Reported : Jan 06, 2025

Report Number : 3167728-1

Page 1 of 1

Sample Number 24130750-1
Sampled Date Dec 25, 2024 1:22 PM
Sample Description Swimming Pool
Location น้ำสระว่ายน้ำ
Date Analysis Commenced Dec 26, 2024
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 :

- 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.

Approved by

Suwannee Chumkeaw
Section Head

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