

ภาคผนวก ง

ผลการตรวจวิเคราะห์คุณภาพน้ำทิ้ง

รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 1/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Wastewater

Sampling Date : January 5 , 2024

Sampling by : Seree Chanthawi

Received Date : January 5 , 2024

Analysis Date : January 5 - 11 , 2024

Reported Date : January 12 , 2024

Analysis No. : 050124/00126/1 Sample No. : S00125-S00126

Parameters	Units	Methods	Results		Std.
			Equalization Tank	Effluent	
pH	-	Electrometric	7.1	7.6	5.0 - 9.0
TDS**	mg/l	Dried at 103-105°C	408	304	≤ 500
SS	mg/l	Dried at 103-105°C	1,190	<5	≤ 30
BOD	mg/l	5-Day BOD Test,Azide Modification	326	<5	≤ 20
Sulfide	mg/l	ZnS Precipitation, Iodometric	6.0	<0.2	≤ 1.0
TKN	mg/l	Macro Kjeldahl	77.28	7.00	≤ 35
Oil and Grease	mg/l	Liquid-Liquid, partition-Gravimetric	20.00	<5	≤ 20

## Remark

\*\*\* Tap water was found to have 284 mg/l of TDS.



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 1/13-2

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK

BANGKOK 10500

Received Date : January 5 , 2024

Sampling Site : LE MERIDIEN BANGKOK

Analysis Date : January 5 - 11 , 2024

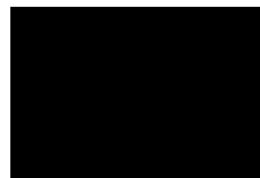
Sample Type : Wastewater

Reported Date : January 12 , 2024

Sampling Date : January 5 , 2024

Analysis No. : 050124/00126/2 Sample No. : S00125-S00126

Parameters	Units	Methods	Results		Std.*
			Equalization Tank	Effluent	
Settleable Solids	ml/l/hr	Imhoff Cone	225.0	0.0	≤0.5
Residual Chlorine	mg/l	DPD Colorimetric	-	<0.010	-
Total Coliform Bacteria	MPN/100ml	MPN Test	$3.5 \times 10^3$	<1.8	-



( Mr. Mapari Awaekuechi )

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 2/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Deep Pool Water

Sampling Date : January 5 , 2024

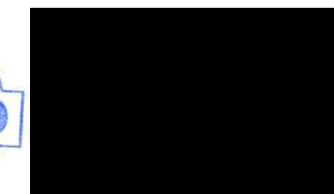
Received Date : January 5 , 2024

Analysis Date : January 5 - 11 , 2024

Reported Date : January 12 , 2024

Analysis No. : 050124/00128 Sample No. : S00128

Parameter	Unit	Method	Result	Std.
			Deep Pool Water	
pH	-	Electrometric	8.1	7.2 - 8.4
Free Chlorine	mg/l	DPD Colorimetric	0.650	0.6 - 1.0
Combined Chlorine	mg/l	DPD Colorimetric	0.634	0.5 - 1.0
Nitrate Nitrogen	mg/l	Cadmium Reduction	0.927	≤ 50
Chloride	mg/l	Argentometric	1,149.64	≤ 600
Total Alkalinity	mg/l	Titration	72	80 - 100
Calcium Hardness	mg/l	EDTA Titrimetric	78	250 - 600
Cyanuric acid	mg/l	Turbidimetric	7	30 - 60
Ammonia Nitrogen	mg/l	Titrimetric	<0.06	≤ 20
Total Coliform Bacteria	MPN/100ml	MPN Test	<1.8	< 10
Fecal Coliform Bacteria	MPN/100ml	MPN Test	<1.8	Non Detectable
E.coli	MPN/100ml	MPN Test	ND	Non Detectable
Pseudomonas aeruginosa	CFU/ml	Membrane Filter Technique	ND	Non Detectable
Staphylococcus Aureus	CFU/ml	Membrane Filter Technique	ND	Non Detectable



( Mr. Mapari Awaekuechi )

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 3/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Received Date : January 5 , 2024

Sampling Site : LE MERIDIEN BANGKOK

Analysis Date : January 5 - 11 , 2024

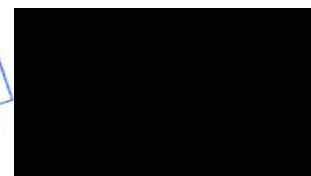
Sample Type : Pool Water

Reported Date : January 12 , 2024

Sampling Date : January 5 , 2024

Analysis No. : 050124/00129 Sample No. : S00129

Parameters	Units	Methods	Result	Std.
			Pool Water	
pH	-	Electrometric	8.1	7.2 - 8.4
Free Chlorine	mg/l	DPD Colorimetric	0.634	0.6 - 1.0
Combined Chlorine	mg/l	DPD Colorimetric	0.619	0.5 - 1.0
Nitrate Nitrogen	mg/l	Cadmium Reduction	0.839	≤ 50
Chloride	mg/l	Argentometric	3,448.93	≤ 600
Total Alkalinity	mg/l	Titration	80	80 - 100
Calcium Hardness	mg/l	EDTA Titrimetric	74	250 - 600
Cyanuric acid	mg/l	Turbidimetric	2	30 - 60
Ammonia Nitrogen	mg/l	Titrimetric	<0.06	≤ 20
Total Coliform Bacteria	MPN/100ml	MPN Test	<1.8	< 10
Fecal Coliform Bacteria	MPN/100ml	MPN Test	<1.8	Non Detectable
E.coli	MPN/100ml	MPN Test	ND	Non Detectable
Pseudomonas aeruginosa	CFU/ml	Membrane Filter Technique	ND	Non Detectable
Staphylococcus Aureus	CFU/ml	Membrane Filter Technique	ND	Non Detectable



( Mr. Mapari Awaekuechi )

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 4/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Received Date : January 5 , 2024

Sampling Site : LE MERIDIEN BANGKOK

Analysis Date : January 5 - 11 , 2024

Sample Type : Domestic Water Underground Tank 1

Reported Date : January 12 , 2024

Sampling Date : January 5 , 2024

Analysis No. : 050124/00130 Sample No. : S00130

Parameters	Units	Methods	Result	Std.
			Domestic Water Underground Tank 1	
pH	-	Electrometric	7.7	6.5 - 8.5
TDS	mg/l	Dried at 103-105 <sup>o</sup> C	220	≤ 500
Total Hardness	mg/l	EDTA Titrimetric	124	≤ 300
Sulfate	mg/l	Turbidimetric	15.454	≤ 250
Chloride	mg/l	Argentometric	33.99	≤ 250
Fluoride	mg/l	SPADNS	0.344	≤ 0.7
Total Iron	mg/l	Digestion, Direct Air-Acetylene Flame	<0.009	≤ 0.3
Copper	mg/l	Digestion, Direct Air-Acetylene Flame	<0.007	≤ 1
Manganese	mg/l	Digestion, Direct Air-Acetylene Flame	<0.004	≤ 0.3
Lead	mg/l	Digestion, Colorimetric	<0.001	≤ 0.01
Nitrate Nitrogen	mg/l	Cadmium Reduction	0.690	≤ 50
Color	Pt-Co	Visual Comparison	<4.000	≤ 15
Turbidity	NTU	Nephelometric	<0.02	≤ 5
Total Coliform Bacteria	MPN/100ml	MPN Test	<1.1	≤ 1.1
Fecal Coliform Bacteria	MPN/100ml	MPN Test	<1.1	-



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 5/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Received Date : January 5 , 2024

Sampling Site : LE MERIDIEN BANGKOK

Analysis Date : January 5 - 11 , 2024

Sample Type : Drinking Water

Reported Date : January 12 , 2024

Sampling Date : January 5 , 2024

Analysis No. : 050124/00131 Sample No. : S00131

Parameter	Unit	Method	Result	Std.
			Drinking Water	
pH	-	Electrometric	7.7	6.5 - 8.5
Total Hardness	mg/l	EDTA Titrimetric	124	≤ 100
Total Solids	mg/l	Dried at 103-105°C	227	≤ 500
Sulfate	mg/l	Turbidimetric	18.701	≤ 250
Total Iron	mg/l	Digestion, Direct Air-Acetylene Flame	<0.009	≤ 0.5
Manganese	mg/l	Digestion, Direct Air-Acetylene Flame	<0.004	≤ 0.05
Chloride	mg/l	Argentometric	37.99	≤ 250
Nitrate Nitrogen	mg/l	Cadmium Reduction	0.753	≤ 4.0
Color	Hazen	Spectrophotometric	<4.000	≤ 20
Turbidity	Silica scale unit	Nephelometric	<0.02	≤ 5.0
Total Coliform Bacteria	MPN/100ml	MPN Test	<1.1	<2.2
E.coli	MPN/100ml	MPN Test	ND	Non Detectable



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 7/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : น้ำใช้ในห้องพัก

Sampling Date : January 5 , 2024

Received Date : January 5 , 2024

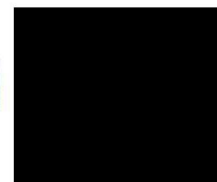
Analysis Date : January 5 - 11 , 2024

Reported Date : January 12 , 2024

Analysis No. : 050124/00133 Sample No. : S00133

Parameter	Unit	Method	Result
			น้ำใช้ในห้องพัก ห้อง 1115
<i>Legionella pneumophila</i>	CFU/L	Culture	ND

ND = Non Detectable



( Mr. Mapari Awaekuechi )

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 8/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : น้ำร้อนในห้องพัก

Sampling Date : January 5 , 2024

Received Date : January 5 , 2024

Analysis Date : January 5 - 11 , 2024

Reported Date : January 12 , 2024

Analysis No. : 050124/00134 Sample No. : S00134

Parameter	Unit	Method	Result
			น้ำร้อนในห้องพัก ห้อง 1115
<i>Legionella pneumophila</i>	CFU/L	Culture	ND

ND = Non Detectable



( Mr. Mapari Awaekuechi )

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 9/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : ถังเก็บน้ำใช้โครงการ (ใต้ดินแทงค์ 1)

Sampling Date : January 5 , 2024

Received Date : January 5 , 2024

Analysis Date : January 5 - 11 , 2024

Reported Date : January 12 , 2024

Analysis No. : 050124/00135 Sample No. : S00135

Parameter	Unit	Method	Result
			ถังเก็บน้ำใช้โครงการ (ใต้ดินแทงค์ 1)
<i>Legionella pneumophila</i>	CFU/L	Culture	ND

ND = Non Detectable



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 10/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : ดึงเก็บน้ำร้อนโครงการ

Sampling Date : January 5 , 2024

Received Date : January 5 , 2024

Analysis Date : January 5 - 11 , 2024

Reported Date : January 12 , 2024

Analysis No. : 050124/00136 Sample No. : S00136

Parameter	Unit	Method	Result
			ดึงเก็บน้ำร้อนโครงการ
<i>Legionella pneumophila</i>	CFU/L	Culture	ND

ND = Non Detectable



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 11/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : น้ำจากระบบ Cooling water

Sampling Date : January 5 , 2024

Received Date : January 5 , 2024

Analysis Date : January 5 - 11 , 2024

Reported Date : January 12 , 2024

Analysis No. : 050124/00137 Sample No. : S00137

Parameter	Unit	Method	Result
			น้ำจากระบบ Cooling water
<i>Legionella pneumophila</i>	CFU/L	Culture	ND

ND = Non Detectable



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 12/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : น้ำจากสระว่ายน้ำโครงการ

Sampling Date : January 5 , 2024

Received Date : January 5 , 2024

Analysis Date : January 5 - 11 , 2024

Reported Date : January 12 , 2024

Analysis No. : 050124/00138 Sample No. : S00138

Parameter	Unit	Method	Result
			น้ำจากสระว่ายน้ำโครงการ
<i>Legionella pneumophila</i>	CFU/L	Culture	ND

ND = Non Detectable



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 1/5-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Wastewater

Sampling Date : February 3 , 2024

Sampling by : Seree Chanthawi

Received Date : February 3 , 2024

Analysis Date : February 3 - 9 , 2024

Reported Date : February 10 , 2024

Analysis No. : 030224/00234/1 Sample No. : S02312-S02313

Parameters	Units	Methods	Results		Std.
			Equalization Tank	Effluent	
pH	-	Electrometric	6.8	7.3	5.0 - 9.0
TDS**	mg/l	Dried at 103-105 <sup>o</sup> C	482	368	≤ 500
TSS	mg/l	Dried at 103-105 <sup>o</sup> C	743	11	≤ 30
BOD	mg/l	5-Day BOD Test,Azide Modification	72	8	≤ 20
Sulfide	mg/l	ZnS Precipitation, Iodometric	5.0	<0.2	≤ 1.0
TKN	mg/l	Macro Kjeldahl	83.16	14.84	≤ 35
Oil and Grease	mg/l	Liquid-Liquid, partition-Gravimetric	7.00	<5	≤ 20

## Remark

\*\*\*" Tap water was found to have 252 mg/l of TDS.



Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 1/5-2

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Wastewater

Sampling Date : February 3 , 2024

Received Date : February 3 , 2024

Analysis Date : February 3 - 9 , 2024

Reported Date : February 10 , 2024

Analysis No. : 030224/00234/2 Sample No. : S02312-S02313

Parameters	Units	Methods	Results		Std.*
			Equalization Tank	Effluent	
Settleable Solids	ml/l/hr	Imhoff Cone	150.0	0.1	≤0.5
Residual Chlorine	mg/l	DPD Colorimetric	-	<0.010	-
Total Coliform Bacteria	MPN/100ml	MPN Test	9.2 x 10 <sup>4</sup>	2.1 x 10	-



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 2/5-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Deep Pool Water

Sampling Date : February 3 , 2024

Received Date : February 3 , 2024

Analysis Date : February 3 - 9 , 2024

Reported Date : February 10 , 2024

Analysis No. : 030224/00235 Sample No. : S02314

Parameter	Unit	Method	Result	Std.
			Deep Pool Water	
pH	-	Electrometric	8.2	7.2 - 8.4
Free Chlorine	mg/l	DPD Colorimetric	0.650	0.6 - 1.0
Combined Chlorine	mg/l	DPD Colorimetric	0.706	0.5 - 1.0
Total Coliform Bacteria	MPN/100ml	MPN Test	<1.8	< 10
Fecal Coliform Bacteria	MPN/100ml	MPN Test	<1.8	Non Detectable
E.coli	MPN/100ml	MPN Test	ND	Non Detectable



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 3/5-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Pool Water

Sampling Date : February 3 , 2024

Received Date : February 3 , 2024

Analysis Date : February 3 - 9 , 2024

Reported Date : February 10 , 2024

Analysis No. : 030224/00236 Sample No. : S02315

Parameters	Units	Methods	Result	Std.
			Pool Water	
pH	-	Electrometric	8.3	7.2 - 8.4
Free Chlorine	mg/l	DPD Colorimetric	0.619	0.6 - 1.0
Combined Chlorine	mg/l	DPD Colorimetric	0.634	0.5 - 1.0
Total Coliform Bacteria	MPN/100ml	MPN Test	<1.8	< 10
Fecal Coliform Bacteria	MPN/100ml	MPN Test	<1.8	Non Detectable
E.coli	MPN/100ml	MPN Test	ND	Non Detectable



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 4/5-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Domestic Water Underground Tank 1

Sampling Date : February 3 , 2024

Received Date : February 3 , 2024

Analysis Date : February 3 - 9 , 2024

Reported Date : February 10 , 2024

Analysis No. : 030224/00237 Sample No. : S02316

Parameters	Units	Methods	Result	Std.
			Domestic Water Underground Tank 2	
pH	-	Electrometric	7.3	6.5 - 8.5
TDS	mg/l	Dried at 103-105 °C	252	≤ 500
Total Hardness	mg/l	EDTA Titrimetric	132	≤ 300
Color	Pt-Co	Visual Comparison	2.350	≤ 15
Turbidity	NTU	Nephelometric	<0.02	≤ 5
Total Coliform Bacteria	MPN/100ml	MPN Test	<1.1	≤ 1.1
Fecal Coliform Bacteria	MPN/100ml	MPN Test	<1.1	-



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 1/5-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Wastewater

Sampling Date : March 5 , 2024

Sampling by : Seree Chanthawi

Received Date : March 5 , 2024

Analysis Date : March 5 - 11 , 2024

Reported Date : March 12 , 2024

Analysis No. : 050324/00720/1 Sample No. : S07618-S07619

Parameters	Units	Methods	Results		Std.
			Equalization Tank	Effluent	
pH	-	Electrometric	7.0	7.3	5.0 - 9.0
TDS**	mg/l	Dried at 103-105°C	530	460	≤ 500
TSS	mg/l	Dried at 103-105°C	2,120	12	≤ 30
BOD	mg/l	5-Day BOD Test,Azide Modification	286	8	≤ 20
Sulfide	mg/l	ZnS Precipitation, Iodometric	18.0	<0.2	≤ 1.0
TKN	mg/l	Macro Kjeldahl	237.80	14.00	≤ 35
Oil and Grease	mg/l	Liquid-Liquid, partition-Gravimetric	25.00	<5	≤ 20

## Remark

\*\*\*\* Tap water was found to have 272 mg/l of TDS.



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 1/5-2

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Wastewater

Sampling Date : March 5, 2024

Received Date : March 5, 2024

Analysis Date : March 5 - 11, 2024

Reported Date : March 12, 2024

Analysis No. : 050324/00720/2 Sample No. : S07618-S07619

Parameters	Units	Methods	Results		Std.*
			Equalization Tank	Effluent	
Settleable Solids	ml/l/hr	Imhoff Cone	800.0	0.0	≤0.5
Residual Chlorine	mg/l	DPD Colorimetric	<0.010	<0.010	-
Total Coliform Bacteria	MPN/100ml	MPN Test	$6.8 \times 10^3$	$2.0 \times 10$	-



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 2/5-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Deep Pool Water

Sampling Date : March 5 , 2024

Received Date : March 5 , 2024

Analysis Date : March 5 - 11 , 2024

Reported Date : March 12 , 2024

Analysis No. : 050324/00721 Sample No. : S07620

Parameter	Unit	Method	Result	Std.
			Deep Pool Water	
pH	-	Electrometric	8.1	7.2 - 8.4
Free Chlorine	mg/l	DPD Colorimetric	0.740	0.6 - 1.0
Combined Chlorine	mg/l	DPD Colorimetric	0.789	0.5 - 1.0
Total Coliform Bacteria	MPN/100ml	MPN Test	<1.8	< 10
Fecal Coliform Bacteria	MPN/100ml	MPN Test	<1.8	Non Detectable
E.coli	MPN/100ml	MPN Test	ND	Non Detectable



(Mr. Mapari Awaekuechi)

Laboratory Manager

Reported results refer to submitted sample only.

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 3/5-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK

BANGKOK 10500

Received Date : March 5 , 2024

Sampling Site : LE MERIDIEN BANGKOK

Analysis Date : March 5 - 11 , 2024

Sample Type : Deep Pool Water

Reported Date : March 12 , 2024

Sampling Date : March 5 , 2024

Analysis No. : 050324/00722 Sample No. : S07621

Parameters	Units	Methods	Result	Std.
			Pool Water	
pH	-	Electrometric	8.2	7.2 - 8.4
Free Chlorine	mg/l	DPD Colorimetric	0.650	0.6 - 1.0
Combined Chlorine	mg/l	DPD Colorimetric	0.634	0.5 - 1.0
Total Coliform Bacteria	MPN/100ml	MPN Test	<1.8	< 10
Fecal Coliform Bacteria	MPN/100ml	MPN Test	<1.8	Non Detectable
E.coli	MPN/100ml	MPN Test	ND	Non Detectable



(Mr. Mapari Awaekuechi)  
Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 4/5-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Domestic Water

Sampling Date : March 5, 2024

Received Date : March 5, 2024

Analysis Date : March 5 - 11, 2024

Reported Date : March 12, 2024

Analysis No. : 050324/00723 Sample No. : S07622

Parameters	Units	Methods	Result	Std.
			Domestic Water Underground Tank 2	
pH	-	Electrometric	8.0	6.5 - 8.5
TDS	mg/l	Dried at 103-105 <sup>o</sup> C	276	≤ 500
Total Hardness	mg/l	EDTA Titrimetric	114	≤ 300
Color	Pt-Co	Visual Comparison	<4.000	≤ 15
Turbidity	NTU	Nephelometric	0.16	≤ 5
Total Coliform Bacteria	MPN/100ml	MPN Test	<1.1	≤ 1.1
Fecal Coliform Bacteria	MPN/100ml	MPN Test	<1.1	-
E.coli	MPN/100ml	MPN Test	ND	Non Detectable



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 1/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Wastewater

Sampling Date : April 8 , 2024

Sampling by : Seree Chanthawi

Received Date : April 8 , 2024

Analysis Date : April 8 - 16 , 2024

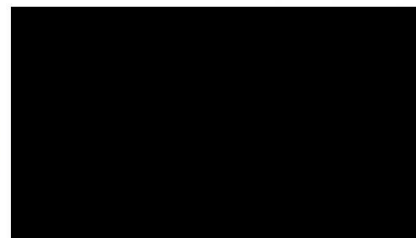
Reported Date : April 17 , 2024

Analysis No. : 080424/01525/1 Sample No. : S13473-S13474

Parameters	Units	Methods	Results		Std.
			Equalization Tank	Effluent	
pH	-	Electrometric	6.8	7.0	5.0 - 9.0
TDS**	mg/l	Dried at 103-105 <sup>o</sup> C	373	246	≤ 500
SS	mg/l	Dried at 103-105 <sup>o</sup> C	4,530	5	≤ 30
BOD	mg/l	5-Day BOD Test,Azide Modification	402	6	≤ 20
Sulfide	mg/l	ZnS Precipitation, Iodometric	6.8	<0.2	≤ 1.0
TKN	mg/l	Macro Kjeldahl	273.00	12.32	≤ 35
Oil and Grease	mg/l	Liquid-Liquid, partition-Gravimetric	228.00	<5	≤ 20

## Remark

\*\*\*\* Tap water was found to have mg/l of TDS.



(Mr. Mapari Awaekuechi)

Laboratory Manager



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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 1/13-2

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Wastewater

Sampling Date : April 8 , 2024

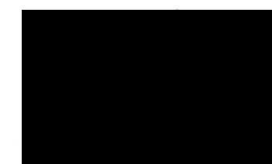
Received Date : April 8 , 2024

Analysis Date : April 8 - 16 , 2024

Reported Date : April 17 , 2024

Analysis No. : 080424/01525/2 Sample No. : S13473-S13474

Parameters	Units	Methods	Results		Std.*
			Equalization Tank	Effluent	
Settleable Solids	ml/l/hr	Imhoff Cone	900.0	0.0	$\leq 0.5$
Residual Chlorine	mg/l	DPD Colorimetric	<0.010	<0.010	-
Total Coliform Bacteria	MPN/100ml	MPN Test	$1.6 \times 10^5$	$2.1 \times 10^2$	-



( Mr. Mapari Awaekuechi )

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 2/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Deep Pool Water

Sampling Date : April 8 , 2024

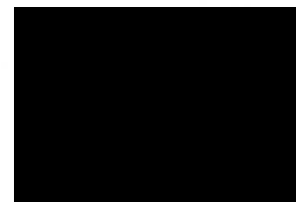
Received Date : April 8 , 2024

Analysis Date : April 8 - 16 , 2024

Reported Date : April 17 , 2024

Analysis No. : 080424/01526 Sample No. : S13475

Parameter	Unit	Method	Result	Std.
			Deep Pool Water	
pH	-	Electrometric	7.5	7.2 - 8.4
Free Chlorine	mg/l	DPD Colorimetric	0.785	0.6 - 1.0
Combined Chlorine	mg/l	DPD Colorimetric	0.898	0.5 - 1.0
Total Coliform Bacteria	MPN/100ml	MPN Test	<1.8	< 10
Fecal Coliform Bacteria	MPN/100ml	MPN Test	<1.8	Non Detectable
E.coli	MPN/100ml	MPN Test	ND	Non Detectable



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 3/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Deep Pool Water

Sampling Date : April 8 , 2024

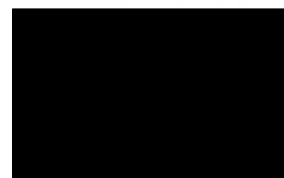
Received Date : April 8 , 2024

Analysis Date : April 8 - 16 , 2024

Reported Date : April 17 , 2024

Analysis No. : 080424/01527 Sample No. : S13476

Parameters	Units	Methods	Result	Std.
			Pool Water	
pH	-	Electrometric	7.6	7.2 - 8.4
Free Chlorine	mg/l	DPD Colorimetric	0.847	0.6 - 1.0
Combined Chlorine	mg/l	DPD Colorimetric	0.855	0.5 - 1.0
Total Coliform Bacteria	MPN/100ml	MPN Test	<1.8	< 10
Fecal Coliform Bacteria	MPN/100ml	MPN Test	<1.8	Non Detectable
E.coli	MPN/100ml	MPN Test	ND	Non Detectable



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 4/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Domestic Water Underground Tank 1

Sampling Date : April 8 , 2024

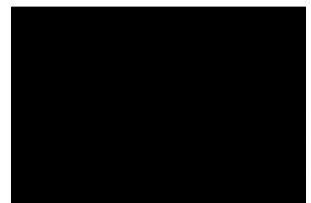
Received Date : April 8 , 2024

Analysis Date : April 8 - 16 , 2024

Reported Date : April 17 , 2024

Analysis No. : 080424/01528 Sample No. : S13477

Parameters	Units	Methods	Result	Std.
			Domestic Water Underground Tank 1	
pH	-	Electrometric	7.7	6.5 - 8.5
TDS	mg/l	Dried at 103-105°C	260	≤ 500
Total Hardness	mg/l	EDTA Titrimetric	110	≤ 300
Color	Pt-Co	Visual Comparison	<4.000	≤ 15
Turbidity	NTU	Nephelometric	<0.02	≤ 5
Total Coliform Bacteria	MPN/100ml	MPN Test	<1.1	≤ 1.1
Fecal Coliform Bacteria	MPN/100ml	MPN Test	<1.1	-



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 5/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK

BANGKOK 10500

Received Date : April 8 , 2024

Sampling Site : LE MERIDIEN BANGKOK

Analysis Date : April 8 - 16 , 2024

Sample Type : น้ำใช้ในห้องพัก

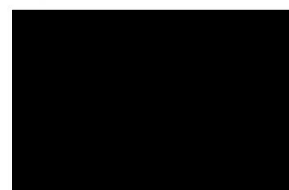
Reported Date : April 17 , 2024

Sampling Date : April 8 , 2024

Analysis No. : 080424/01529 Sample No. : S13478

Parameter	Unit	Method	Result
			น้ำใช้ในห้องพัก ห้อง 1615
<i>Legionella pneumophila</i>	CFU/L	Culture	ND

ND = Non Detectable



( Mr. Mapari Awaekuechi )

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 6/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : น้ำร้อนในห้องพัก

Sampling Date : April 8 , 2024

Received Date : April 8 , 2024

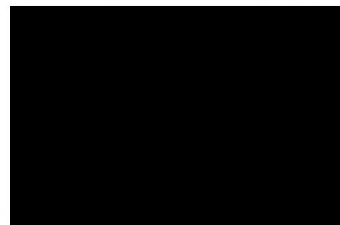
Analysis Date : April 8 - 16 , 2024

Reported Date : April 17 , 2024

Analysis No. : 080424/01530 Sample No. : S13479

Parameter	Unit	Method	Result
			น้ำร้อนในห้องพัก ห้อง 1615
<i>Legionella pneumophila</i>	CFU/L	Culture	ND

ND = Non Detectable



( Mr. Mapari Awaekuechi )

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 7/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : ถังเก็บน้ำใช้โครงการ (ตาดฟ้าแทงค์ 1)

Sampling Date : April 8 , 2024

Received Date : April 8 , 2024

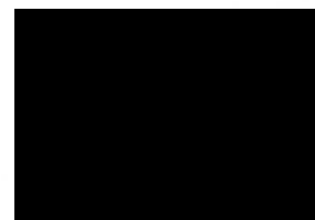
Analysis Date : April 8 - 16 , 2024

Reported Date : April 17 , 2024

Analysis No. : 080424/01531 Sample No. : S13480

Parameter	Unit	Method	Result
			ถังเก็บน้ำใช้โครงการ (ตาดฟ้าแทงค์ 1)
<i>Legionella pneumophila</i>	CFU/L	Culture	ND

ND = Non Detectable



( Mr. Mapari Awaekuechi )

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 8/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : ถังเก็บน้ำร้อนโครงการ

Sampling Date : April 8 , 2024

Received Date : April 8 , 2024

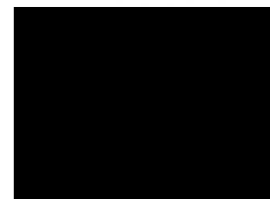
Analysis Date : April 8 - 16 , 2024

Reported Date : April 17 , 2024

Analysis No. : 080424/01532 Sample No. : S13481

Parameter	Unit	Method	Result
			ถังเก็บน้ำร้อนโครงการ
<i>Legionella pneumophila</i>	CFU/L	Culture	ND

ND = Non Detectable

( Mr. Mapari Awaekuechi )  
Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 9/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : น้ำจากระบบ Cooling water

Sampling Date : April 8 , 2024

Received Date : April 8 , 2024

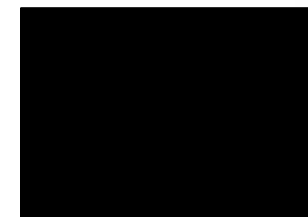
Analysis Date : April 8 - 16 , 2024

Reported Date : April 17 , 2024

Analysis No. : 080424/01533 Sample No. : S13482

Parameter	Unit	Method	Result
			น้ำจากระบบ Cooling water
<i>Legionella pneumophila</i>	CFU/L	Culture	ND

ND = Non Detectable



( Mr. Mapari Awaekuechi )

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 10/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : น้ำจากสระว่ายน้ำโครงการ

Sampling Date : April 8 , 2024

Received Date : April 8 , 2024

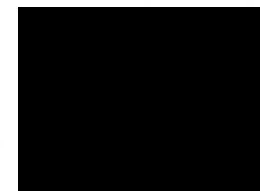
Analysis Date : April 8 - 16 , 2024

Reported Date : April 17 , 2024

Analysis No. : 080424/01534 Sample No. : S13483

Parameter	Unit	Method	Result
			น้ำจากสระว่ายน้ำโครงการ
<i>Legionella pneumophila</i>	CFU/L	Culture	ND

ND = Non Detectable



( Mr. Mapari Awaekuechi )

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 11/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Drinking Water

Sampling Date : April 8 , 2024

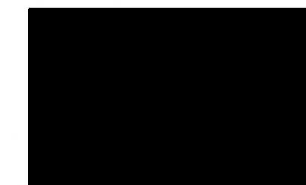
Received Date : April 8 , 2024

Analysis Date : April 8 - 16 , 2024

Reported Date : April 17 , 2024

Analysis No. : 080424/01535 Sample No. : S13484

Parameter	Unit	Method	Result	Std.
			น้ำดื่มบริเวณครัวหลัก	
pH	-	Electrometric	8.0	6.5 - 8.5
Total Hardness	mg/l	EDTA Titrimetric	92	≤ 100
Total Solids	mg/l	Dried at 103-105°C	227	≤ 500
Color	Hazen	Spectrophotometric	<4.000	≤ 20
Turbidity	Silica scale unit	Nephelometric	<0.02	≤ 5.0
Total Coliform Bacteria	MPN/100ml	MPN Test	<1.1	<2.2
E.coli	MPN/100ml	MPN Test	ND	Non Detectable



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 12/13-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK

BANGKOK 10500

Received Date : April 8 , 2024

Sampling Site : LE MERIDIEN BANGKOK

Analysis Date : April 8 - 16 , 2024

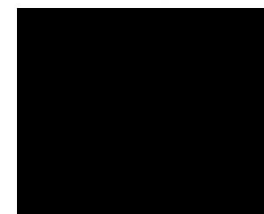
Sample Type : ICE

Reported Date : April 17 , 2024

Sampling Date : April 8 , 2024

Analysis No. : 080424/01536 Sample No. : S13485

Parameter	Unit	Method	Result	Std.
			เครื่องทำน้ำแข็งโรตารัม	
pH	-	Electrometric	7.0	6.5 - 8.5
Total Hardness	mg/l	EDTA Titrimetric	4	≤ 100
Total Solids	mg/l	Dried at 103-105 °C	7	≤ 500
Color	Hazen	Spectrophotometric	<4.000	≤ 20
Turbidity	Silica scale unit	Nephelometric	<0.02	≤ 5.0
Total Coliform Bacteria	MPN/100ml	MPN Test	<1.1	<2.2
E.coli	MPN/100ml	MPN Test	ND	Non Detectable



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 1/5-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling by : Seree Chanthawi

Received Date : May 6 , 2024

Sampling Site : LE MERIDIEN BANGKOK

Analysis Date : May 6 - 12 , 2024

Sample Type : Wastewater

Reported Date : May 13 , 2024

Sampling Date : May 6 , 2024

Analysis No. : 060524/01013/1 Sample No. : S17983-S17984

Parameters	Units	Methods	Results		Std.
			Equalization Tank	Effluent	
pH	-	Electrometric	6.9	7.3	5.0 - 9.0
TDS**	mg/l	Dried at 103-105°C	542	404	≤ 500
TSS	mg/l	Dried at 103-105°C	2,420	10	≤ 30
BOD	mg/l	5-Day BOD Test,Azide Modification	275	10	≤ 20
Sulfide	mg/l	ZnS Precipitation, Iodometric	3.6	<0.2	≤ 1.0
TKN	mg/l	Macro Kjeldahl	142.80	15.96	≤ 35
Oil and Grease	mg/l	Liquid-Liquid, partition-Gravimetric	91.00	<5	≤ 20

## Remark

\*\*\*\* Tap water was found to have 430 mg/l of TDS.



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 1/5-2

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Wastewater

Sampling Date : May 6 , 2024

Received Date : May 6 , 2024

Analysis Date : May 6 - 12 , 2024

Reported Date : May 13 , 2024

Analysis No. : 060524/01013/2 Sample No. : S17983-S17984

Parameters	Units	Methods	Results		Std.*
			Equalization Tank	Effluent	
Settleable Solids	ml/l/hr	Imhoff Cone	950.0	0.0	$\leq 0.5$
Residual Chlorine	mg/l	DPD Colorimetric	<0.010	<0.010	-
Total Coliform Bacteria	MPN/100ml	MPN Test	$9.2 \times 10^4$	$2.1 \times 10^3$	-



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 2/5-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK

BANGKOK 10500

Received Date : May 6 , 2024

Sampling Site : LE MERIDIEN BANGKOK

Analysis Date : May 6 - 12 , 2024

Sample Type : Deep Pool Water

Reported Date : May 13 , 2024

Sampling Date : May 6 , 2024

Analysis No. : 060524/01014 Sample No. : S17985

Parameter	Unit	Method	Result	Std.
			Deep Pool Water	
pH	-	Electrometric	7.7	7.2 - 8.4
Free Chlorine	mg/l	DPD Colorimetric	0.962	0.6 - 1.0
Combined Chlorine	mg/l	DPD Colorimetric	0.985	0.5 - 1.0
Fecal Coliform Bacteria	MPN/100ml	MPN Test	<1.8	Non Detectable
E.coli	MPN/100ml	MPN Test	ND	Non Detectable



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 3/5-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Received Date : May 6 , 2024

Sampling Site : LE MERIDIEN BANGKOK

Analysis Date : May 6 - 12 , 2024

Sample Type : Deep Pool Water

Reported Date : May 13 , 2024

Sampling Date : May 6 , 2024

Analysis No. : 060524/01015 Sample No. : S17986

Parameters	Units	Methods	Result	Std.
			Pool Water	
pH	-	Electrometric	7.7	7.2 - 8.4
Free Chlorine	mg/l	DPD Colorimetric	0.946	0.6 - 1.0
Combined Chlorine	mg/l	DPD Colorimetric	0.930	0.5 - 1.0
Fecal Coliform Bacteria	MPN/100ml	MPN Test	<1.8	Non Detectable
E.coli	MPN/100ml	MPN Test	ND	Non Detectable



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 4/5-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Domestic Water Underground Tank 1

Sampling Date : May 6 , 2024

Received Date : May 6 , 2024

Analysis Date : May 6 - 12 , 2024

Reported Date : May 13 , 2024

Analysis No. : 060524/01016 Sample No. : S17987

Parameters	Units	Methods	Result	Std.
			Domestic Water Underground Tank 1	
pH	-	Electrometric	7.5	6.5 - 8.5
TDS	mg/l	Dried at 103-105°C	416	≤ 500
Total Hardness	mg/l	EDTA Titrimetric	134	≤ 300
Color	Pt-Co	Visual Comparison	<4.000	≤ 15
Turbidity	NTU	Nephelometric	0.26	≤ 5
Total Coliform Bacteria	MPN/100ml	MPN Test	<1.1	≤ 1.1
Fecal Coliform Bacteria	MPN/100ml	MPN Test	<1.1	-



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 1/5-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Wastewater

Sampling Date : June 10 , 2024

Sampling by : Seree Chanthawi

Received Date : June 10 , 2024

Analysis Date : June 10 - 16 , 2024

Reported Date : June 17 , 2024

Analysis No. : 100624/01057/1 Sample No. : S23528-S23529

Parameters	Units	Methods	Results		Std.
			Equalization Tank	Effluent	
pH	-	Electrometric	7.0	7.1	5.0 - 9.0
TDS**	mg/l	Dried at 103-105°C	387	332	≤ 500
TSS	mg/l	Dried at 103-105°C	4,669	27	≤ 30
BOD	mg/l	5-Day BOD Test,Azide Modification	642	17	≤ 20
Sulfide	mg/l	ZnS Precipitation, Iodometric	10.0	<0.2	≤ 1.0
TKN	mg/l	Macro Kjeldahl	246.40	20.72	≤ 35
Oil and Grease	mg/l	Liquid-Liquid, partition-Gravimetric	38.00	<5	≤ 20

## Remark

1."\*\*\*" Tap water was found to have 430 mg/l of TDS.



( Mr. Mapari Awaekuechi )

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 1/5-2

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Wastewater

Sampling Date : June 10 , 2024

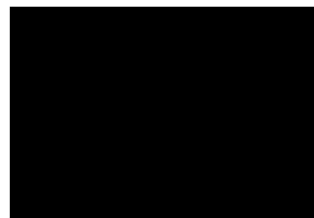
Received Date : June 10 , 2024

Analysis Date : June 10 - 16 , 2024

Reported Date : June 17 , 2024

Analysis No. : 100624/01057/2 Sample No. : S23528-S23529

Parameters	Units	Methods	Results		Std.*
			Equalization Tank	Effluent	
Settleable Solids	ml/l/hr	Imhoff Cone	800.0	0.1	≤0.5
Residual Chlorine	mg/l	DPD Colorimetric	<0.010	<0.010	-
Total Coliform Bacteria	MPN/100ml	MPN Test	$9.2 \times 10^5$	$6.8 \times 10^2$	-



(Mr. Mapari Awaekuechi)

Laboratory Manager

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## รายงานผลวิเคราะห์

## ANALYSIS REPORT

page 2/5-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK

BANGKOK 10500

Received Date : June 10 , 2024

Sampling Site : LE MERIDIEN BANGKOK

Analysis Date : June 10 - 16 , 2024

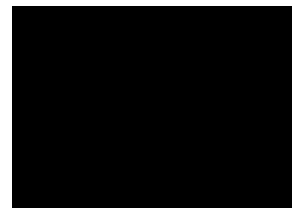
Sample Type : Deep Pool Water

Reported Date : June 17 , 2024

Sampling Date : June 10 , 2024

Analysis No. : 100624/01058 Sample No. : S23530

Parameter	Unit	Method	Result	Std.
			Deep Pool Water	
pH	-	Electrometric	8.0	7.2 - 8.4
Free Chlorine	mg/l	DPD Colorimetric	0.650	0.6 - 1.0
Combined Chlorine	mg/l	DPD Colorimetric	0.740	0.5 - 1.0
Fecal Coliform Bacteria	MPN/100ml	MPN Test	<1.8	Non Detectable
E.coli	MPN/100ml	MPN Test	ND	Non Detectable



( Mr. Mapari Awaekuechi )

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 3/5-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Deep Pool Water

Sampling Date : June 10 , 2024

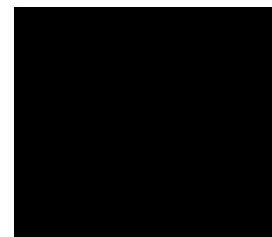
Received Date : June 10 , 2024

Analysis Date : June 10 - 16 , 2024

Reported Date : June 17 , 2024

Analysis No. : 100624/01059 Sample No. : S23531

Parameters	Units	Methods	Result	Std.
			Pool Water	
pH	-	Electrometric	8.0	7.2 - 8.4
Free Chlorine	mg/l	DPD Colorimetric	0.634	0.6 - 1.0
Combined Chlorine	mg/l	DPD Colorimetric	0.714	0.5 - 1.0
Fecal Coliform Bacteria	MPN/100ml	MPN Test	<1.8	Non Detectable
E.coli	MPN/100ml	MPN Test	ND	Non Detectable



( Mr. Mapari Awaekuechi )

Laboratory Manager

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รายงานผลวิเคราะห์  
ANALYSIS REPORT

page 4/5-1

Client : LE MERIDIEN BANGKOK

Address : 40/5 SURAWONG ROAD SI PHRAYA BANG RAK  
BANGKOK 10500

Sampling Site : LE MERIDIEN BANGKOK

Sample Type : Domestic Water Underground Tank 1

Sampling Date : June 10 , 2024

Received Date : June 10 , 2024

Analysis Date : June 10 - 16 , 2024

Reported Date : June 17 , 2024

Analysis No. : 100624/01060 Sample No. : S23532

Parameters	Units	Methods	Result	Std.
			Domestic Water Underground Tank 1	
pH	-	Electrometric	7.8	6.5 - 8.5
TDS	mg/l	Dried at 103-105 <sup>o</sup> C	222	≤ 500
Total Hardness	mg/l	EDTA Titrimetric	128	≤ 300
Color	Pt-Co	Visual Comparison	<4.000	≤ 15
Turbidity	NTU	Nephelometric	<0.02	≤ 5
Total Coliform Bacteria	MPN/100ml	MPN Test	<1.1	≤ 1.1
Fecal Coliform Bacteria	MPN/100ml	MPN Test	<1.1	-



( Mr. Mapari Awaekuechi )

Laboratory Manager

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