

ภาคผนวก ง

ผลการตรวจวิเคราะห์คุณภาพสิ่งแวดล้อม

ภาคผนวก ง-1

ผลวิเคราะห์คุณภาพน้ำทิ้ง

รายงานผลวิเคราะห์
ANALYSIS REPORT

page 1/21-1

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 20 , 2022

Sampling by : Seree Chanthawi

Received Date : January 20 , 2022

Analysis Date : January 20 - 27 , 2022

Reported Date : January 28 , 2022

Analysis No. : 200122/01294/1 Sample No. : S01293-S01294

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°C	418	388	≤ 500
SS	mg/l	Dried at 103-105°C	92	3	≤ 30
BOD	mg/l	5-Day BOD Test, Azide Modification	80	<2	≤ 20
Sulfide	mg/l	ZnS Precipitation, Iodometric	1.2	<0.2	≤ 1.0
TKN	mg/l	Macro Kjeldahl	40.04	1.68	≤ 35
Oil and Grease	mg/l	Liquid-Liquid, partition-Gravimetric	8.67	<5	≤ 20



(Mr. Mapari Awaekuechi)

Laboratory Manager

๖-133-๓-5470

Reported results refer to submitted sample only.

Test report shall not be reproduced except in full , without approve of the laboratory.

รายงานผลวิเคราะห์
ANALYSIS REPORT

page 1/21-2

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 : January 20 , 2022

Sampling by : Seree Chanthawi

Received Date : January 20 , 2022

Analysis Date : January 20 - 27 , 2022

Reported Date : January 28 , 2022

Analysis No. : 200122/01294/2 Sample No. : S01293-S01294

Parameters	Units	Methods	Results		Std.*
			Equalization Tank	Effluent	
Settleable Solids	ml/l/hr	Imhoff Cone	1.4	0.0	≤ 0.5
Residual Chlorine	mg/l	DPD Colorimetric	0.175	ND	-
Total Coliform Bacteria	MPN/100ml	MPN Test	5.4×10^4	7.9×10	-



(Mr. Mapari Awaekuechi)

Laboratory Manager

Reported results refer to submitted sample only.

Test report shall not be reproduced except in full , without approve of the laboratory.

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 10, 2022

Sampling by : Seree Chanthawi

Received Date : February 10, 2022

Analysis Date : February 10 - 18, 2022

Reported Date : February 19, 2022

Analysis No. : 100222/00820/1 Sample No. : S03032-S03033

Parameters	Units	Methods	Results		Std.
			Equalization Tank	Effluent	
pH	-	Electrometric	6.6	7.0	5.0 - 9.0
TDS	mg/l	Dried at 103-105°C	560	412	≤ 500
SS	mg/l	Dried at 103-105°C	40	2	≤ 30
BOD	mg/l	5-Day BOD Test, Azide Modification	30	<2	≤ 20
Sulfide	mg/l	ZnS Precipitation, Iodometric	<0.2	<0.2	≤ 1.0
TKN	mg/l	Macro Kjeldahl	21.00	1.12	≤ 35
Oil and Grease	mg/l	Liquid-Liquid, partition-Gravimetric	<5	<5	≤ 20



(Mr. Mapari Awaekuechi)

Laboratory Manager

๖-133-๓-5470

Reported results refer to submitted sample only.

Test report shall not be reproduced except in full , without approve of the laboratory.

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 10, 2022

Sampling by : Seree Chanthawi

Received Date : February 10, 2022

Analysis Date : February 10 - 18, 2022

Reported Date : February 19, 2022

Analysis No. : 100222/00820/2 Sample No. : S03032-S03033

Parameters	Units	Methods	Results		Std.*
			Equalization Tank	Effluent	
Settleable Solids	ml/l/hr	Imhoff Cone	1.2	0.0	≤0.5
Residual Chlorine	mg/l	DPD Colorimetric	ND	ND	-
Total Coliform Bacteria	MPN/100ml	MPN Test	5.4 x 10 ⁴	4.5	-



(Mr. Mapari Awaekuechi)

Laboratory Manager

Reported results refer to submitted sample only.

Test report shall not be reproduced except in full , without approve of the laboratory.

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 11, 2022

Sampling by : Seree Chanthawi

Received Date : March 11, 2022

Analysis Date : March 11 - 18, 2022

Reported Date : March 19, 2022

Analysis No. : 110322/00905/1 Sample No. : S05464-S05465

Parameters	Units	Methods	Results		Std.
			Equalization Tank	Effluent	
pH	-	Electrometric	7.1	6.5	5.0 - 9.0
TDS	mg/l	Dried at 103-105°C	350	242	≤ 500
SS	mg/l	Dried at 103-105°C	164	5	≤ 30
BOD	mg/l	5-Day BOD Test, Azide Modification	40	3	≤ 20
Sulfide	mg/l	ZnS Precipitation, Iodometric	0.8	<0.2	≤ 1.0
TKN	mg/l	Macro Kjeldahl	28.46	1.96	≤ 35
Oil and Grease	mg/l	Liquid-Liquid, partition-Gravimetric	<5	<5	≤ 20



(Mr. Mapari Awaekuechi)

Laboratory Manager

๖-133-๓-5470

Reported results refer to submitted sample only.

Test report shall not be reproduced except in full , without approve of the laboratory.

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 11, 2022

Sampling by : Seree Chanthawi

Received Date : March 11, 2022

Analysis Date : March 11 - 18, 2022

Reported Date : March 19, 2022

Analysis No. : 110322/00905/2 Sample No. : S05464-S05465

Parameters	Units	Methods	Results		Std.*
			Equalization Tank	Effluent	
Settleable Solids	ml/l/hr	Imhoff Cone	0.4	0.0	≤0.5
Residual Chlorine	mg/l	DPD Colorimetric	ND	ND	-
Total Coliform Bacteria	MPN/100ml	MPN Test	4.9×10^2	2.0×10	-



(Mr. Mapari Awaekuechi)

Laboratory Manager

Reported results refer to submitted sample only.

Test report shall not be reproduced except in full , without approve of the laboratory.

รายงานผลวิเคราะห์
ANALYSIS REPORT

page 1/18-1

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 20 , 2022

Sampling by : Seree Chanthawi

Received Date : April 20 , 2022

Analysis Date : April 20 - May 4, 2022

Reported Date : May 5 , 2022

Analysis No. : 200422/01603/1 Sample No. : S08264-S08265

Parameters	Units	Methods	Results		Std.
			Equalization Tank	Effluent	
pH	-	Electrometric	7.4	7.3	5.0 - 9.0
TDS	mg/l	Dried at 103-105°C	317	436	≤ 500
SS	mg/l	Dried at 103-105°C	114	8	≤ 30
BOD	mg/l	5-Day BOD Test, Azide Modification	17	10	≤ 20
Sulfide	mg/l	ZnS Precipitation, Iodometric	0.2	<0.2	≤ 1.0
TKN	mg/l	Macro Kjeldahl	29.40	7.00	≤ 35
Oil and Grease	mg/l	Liquid-Liquid, partition-Gravimetric	<5	<5	≤ 20



(Mr. Mapari Awaekuechi)

Laboratory Manager

๖-133-๓-5470

Reported results refer to submitted sample only.

Test report shall not be reproduced except in full , without approve of the laboratory.

รายงานผลวิเคราะห์
ANALYSIS REPORT

page 1/18-2

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 20 , 2022

Sampling by : Seree Chanthawi

Received Date : April 20 , 2022

Analysis Date : April 20 - May 4, 2022

Reported Date : May 5 , 2022

Analysis No. : 200422/01603/2 Sample No. : S08264-S08265

Parameters	Units	Methods	Results		Std.*
			Equalization Tank	Effluent	
Settleable Solids	ml/l/hr	Imhoff Cone	5.8	0.0	≤0.5
Residual Chlorine	mg/l	DPD Colorimetric	-	ND	-
Total Coliform Bacteria	MPN/100ml	MPN Test	2.4×10^3	2.1×10	-



(Mr. Mapari Awaekuechi)

Laboratory Manager

Reported results refer to submitted sample only.

Test report shall not be reproduced except in full , without approve of the laboratory.

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 24 , 2022

Sampling Site : LE MERIDIEN BANGKOK

Analysis Date : May 24 - 30 , 2022

Sample Type : Wastewater

Reported Date : May 31 , 2022

Sampling Date : May 24 , 2022

Analysis No. : 240522/01713/1 Sample No. : S11041-S11042

Parameters	Units	Methods	Results		Std.
			Equalization Tank	Effluent	
pH	-	Electrometric	6.7	7.1	5.0 - 9.0
TDS	mg/l	Dried at 103-105°C	1,084	351	≤ 500
SS	mg/l	Dried at 103-105°C	180	10	≤ 30
BOD	mg/l	5-Day BOD Test,Azide Modification	68	8	≤ 20
Sulfide	mg/l	ZnS Precipitation, Iodometric	2.4	<0.2	≤ 1.0
TKN	mg/l	Macro Kjeldahl	36.12	6.16	≤ 35
Oil and Grease	mg/l	Liquid-Liquid, partition-Gravimetric	<5	<5	≤ 20



(Mr. Mapari Awaekuechi)

Laboratory Manager

๖-133-๓-5470

Reported results refer to submitted sample only.

Test report shall not be reproduced except in full , without approve of the laboratory.

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 24 , 2022

Sampling by : Seree Chanthawi

Received Date : May 24 , 2022

Analysis Date : May 24 - 30 , 2022

Reported Date : May 31 , 2022

Analysis No. : 240522/01713/2 Sample No. : S11041-S11042

Parameters	Units	Methods	Results		Std.*
			Equalization Tank	Effluent	
Settleable Solids	ml/l/hr	Imhoff Cone	10.0	0.0	≤0.5
Residual Chlorine	mg/l	DPD Colorimetric	-	ND	-
Total Coliform Bacteria	MPN/100ml	MPN Test	9.2×10^4	<1.8	-



(Mr. Mapari Awaekuechi)

Laboratory Manager

Reported results refer to submitted sample only.

Test report shall not be reproduced except in full , without approve of the laboratory.

รายงานผลวิเคราะห์
ANALYSIS REPORT

page 1/2-1

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 11 , 2022

Sampling by : Seree Chanthawi

Received Date : June 11 , 2022

Analysis Date : June 11 - 17, 2022

Reported Date : June 18 , 2022

Analysis No. : 110622/02629/1 Sample No. : S14339-S14340

Parameters	Units	Methods	Results		Std.
			Equalization Tank	Effluent	
pH	-	Electrometric	7.0	6.9	5.0 - 9.0
TDS	mg/l	Dried at 103-105°C	600	320	≤ 500
SS	mg/l	Dried at 103-105°C	150	11	≤ 30
BOD	mg/l	5-Day BOD Test, Azide Modification	60	9	≤ 20
Sulfide	mg/l	ZnS Precipitation, Iodometric	2.2	<0.2	≤ 1.0
TKN	mg/l	Macro Kjeldahl	34.16	7.00	≤ 35
Oil and Grease	mg/l	Liquid-Liquid, partition-Gravimetric	<5	<5	≤ 20



(Mr. Mapari Awaekuechi)

Laboratory Manager

๖-133-๓-5470

Reported results refer to submitted sample only.

Test report shall not be reproduced except in full , without approve of the laboratory.

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 11 , 2022

Sampling by : Seree Chanthawi

Received Date : June 11 , 2022

Analysis Date : June 11 - 17, 2022

Reported Date : June 18 , 2022

Analysis No. : 110622/02629/2 Sample No. : S14339-S14340

Parameters	Units	Methods	Results		Std.*
			Equalization Tank	Effluent	
Settleable Solids	ml/l/hr	Imhoff Cone	9.0	0.0	≤0.5
Residual Chlorine	mg/l	DPD Colorimetric	-	ND	-
Total Coliform Bacteria	MPN/100ml	MPN Test	4.9 x 10 ⁴	<1.8	-



(Mr. Mapari Awaekuechi)

Laboratory Manager

Reported results refer to submitted sample only.
Test report shall not be reproduced except in full , without approve of the laboratory.