

ภาคผนวก ง

ผลการตรวจวิเคราะห์คุณภาพสิ่งแวดล้อม

ภาคผนวก ง-1

ผลวิเคราะห์คุณภาพน้ำทิ้ง

รายงานผลวิเคราะห์
ANALYSIS REPORT

page 1/11-1

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 : July 18 , 2022

Sampling by : Seree Chanthawi

Received Date : July 18 , 2022

Analysis Date : July 18 - 30, 2022

Reported Date : July 30, 2022

Analysis No. : 180722/01728/1 Sample No. : S16057-S16058

Parameters	Units	Methods	Results		Std.
			Equalization Tank	Effluent	
pH	-	Electrometric	6.4	6.8	5.0 - 9.0
TDS	mg/l	Dried at 103-105°C	290	250	≤ 500
SS	mg/l	Dried at 103-105°C	60	8	≤ 30
BOD	mg/l	5-Day BOD Test,Azide Modification	42	5	≤ 20
Sulfide	mg/l	ZnS Precipitation, Iodometric	1.5	<0.2	≤ 1.0
TKN	mg/l	Macro Kjeldahl	36.12	7.28	≤ 35
Oil and Grease	mg/l	Liquid-Liquid, partition-Gravimetric	<5	<5	≤ 20



(Mr. Mapari Awaekuechi)

Laboratory Manager

๖-133-๓-5470

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รายงานผลวิเคราะห์
ANALYSIS REPORT

page 1/11-2

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 : July 18 , 2022

Sampling by : Seree Chanthawi

Received Date : July 18 , 2022

Analysis Date : July 18 - 30, 2022

Reported Date : July 30, 2022

Analysis No. : 180722/01728/2 Sample No. : S16057-S16058

Parameters	Units	Methods	Results		Std.*
			Equalization Tank	Effluent	
Settleable Solids	ml/l/hr	Imhoff Cone	2.2	0.0	≤ 0.5
Residual Chlorine	mg/l	DPD Colorimetric	-	ND	-
Total Coliform Bacteria	MPN/100ml	MPN Test	3.5×10^4	1.1×10^2	-



(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 : August 19 , 2022

Sampling Site : LE MERIDIEN BANGKOK

Analysis Date : August 19 -26, 2022

Sample Type : Wastewater

Reported Date : August 27 , 2022

Sampling Date : August 19 , 2022

Analysis No. : 190822/01504/1 Sample No. : S18540-S18541

Parameters	Units	Methods	Results		Std.
			Equalization Tank	Effluent	
pH	-	Electrometric	6.6	6.5	5.0 - 9.0
TDS	mg/l	Dried at 103-105°C	314	296	≤ 500
SS	mg/l	Dried at 103-105°C	200	2	≤ 30
BOD	mg/l	5-Day BOD Test,Azide Modification	45	4	≤ 20
Sulfide	mg/l	ZnS Precipitation, Iodometric	1.2	<0.2	≤ 1.0
TKN	mg/l	Macro Kjeldahl	29.68	6.16	≤ 35
Oil and Grease	mg/l	Liquid-Liquid, partition-Gravimetric	<5	<5	≤ 20



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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 : August 19 , 2022

Sampling by : Seree Chanthawi

Received Date : August 19 , 2022

Analysis Date : August 19 -26, 2022

Reported Date : August 27 , 2022

Analysis No. : 190822/01504/2 Sample No. : S18540-S18541

Parameters	Units	Methods	Results		Std.*
			Equalization Tank	Effluent	
Settleable Solids	ml/l/hr	Imhoff Cone	43.0	0.0	≤0.5
Residual Chlorine	mg/l	DPD Colorimetric	-	ND	-
Total Coliform Bacteria	MPN/100ml	MPN Test	1.6×10^3	1.0×10^2	-



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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 : September 15 , 2022

Sampling by : Seree Chanthawi

Received Date : September 15 , 2022

Analysis Date : September 15 - 21 , 2022

Reported Date : September 22 , 2022

Analysis No. : 150922/01459/1 Sample No. : S20642-S20643

Parameters	Units	Methods	Results		Std.
			Equalization Tank	Effluent	
pH	-	Electrometric	6.8	7.1	5.0 - 9.0
TDS	mg/l	Dried at 103-105° C	248	182	≤ 500
SS	mg/l	Dried at 103-105° C	208	6	≤ 30
BOD	mg/l	5-Day BOD Test,Azide Modification	96	5	≤ 20
Sulfide	mg/l	ZnS Precipitation, Iodometric	1.8	<0.2	≤ 1.0
TKN	mg/l	Macro Kjeldahl	59.64	6.16	≤ 35
Oil and Grease	mg/l	Liquid-Liquid, partition-Gravimetric	7.10	<5	≤ 20



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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 : September 15 , 2022

Sampling by : Seree Chanthawi

Received Date : September 15 , 2022

Analysis Date : September 15 - 21 , 2022

Reported Date : September 22 , 2022

Analysis No. : 150922/01459/2 Sample No. : S20642-S20643

Parameters	Units	Methods	Results		Std.*
			Equalization Tank	Effluent	
Settleable Solids	ml/l/hr	Imhoff Cone	17.0	0.0	≤0.5
Residual Chlorine	mg/l	DPD Colorimetric	-	ND	-
Total Coliform Bacteria	MPN/100ml	MPN Test	9.4×10^4	2.0	-



(Mr. Mapari Awaekuechi)

Laboratory Manager

รายงานผลวิเคราะห์
ANALYSIS REPORT

page 1/12-1

Client : LE MERIDIEN BANGKOK

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

Sampling by : Seree Chanthawi

Received Date : October 25, 2022

Sampling Site : LE MERIDIEN BANGKOK

Analysis Date : October 25 - 31, 2022

Sample Type : Wastewater

Reported Date : November 1, 2022

Sampling Date : October 25, 2022

Analysis No. : 251022/01984/1 Sample No. : S23652

Parameters	Units	Methods	Result	Std.
			Effluent	
pH	-	Electrometric	6.9	5.0 - 9.0
TDS	mg/l	Dried at 103-105°C	162	≤ 500
SS	mg/l	Dried at 103-105°C	10	≤ 30
BOD	mg/l	5-Day BOD Test, Azide Modification	18	≤ 20
Sulfide	mg/l	ZnS Precipitation, Iodometric	<0.2	≤ 1.0
TKN	mg/l	Macro Kjeldahl	21.28	≤ 35
Oil and Grease	mg/l	Liquid-Liquid, partition-Gravimetric	<5	≤ 20



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Laboratory Manager

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รายงานผลวิเคราะห์
ANALYSIS REPORT

page 1/12-2

Client : LE MERIDIEN BANGKOK

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

Sampling by : Seree Chanthawi

Received Date : October 25, 2022

Sampling Site : LE MERIDIEN BANGKOK

Analysis Date : October 25 - 31, 2022

Sample Type : Wastewater

Reported Date : November 1, 2022

Sampling Date : October 25, 2022

Analysis No. : 251022/01984/2 Sample No. : S23652

Parameters	Units	Methods	Results	Std.*
			Effluent	
Settleable Solids	ml/l/hr	Imhoff Cone	0.0	≤0.5
Residual Chlorine	mg/l	DPD Colorimetric	<0.010	-
Total Coliform Bacteria	MPN/100ml	MPN Test	2.1	-



(Mr. Mapari Awaekuechi)

Laboratory Manager

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รายงานผลวิเคราะห์
ANALYSIS REPORT

page 1/6-1

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 : November 26 , 2022

Sampling by : Seree Chanthawi

Received Date : November 26 , 2022

Analysis Date : November 26 - December 3, 2022

Reported Date : December 6 , 2022

Analysis No. : 261122/02294/1 Sample No. : S26282-S26283

Parameters	Units	Methods	Results		Std.
			Equalization Tank	Effluent	
pH	-	Electrometric	7.1	7.1	5.0 - 9.0
TDS	mg/l	Dried at 103-105 ^o C	350	142	≤ 500
SS	mg/l	Dried at 103-105 ^o C	71	14	≤ 30
BOD	mg/l	5-Day BOD Test,Azide Modification	207	8	≤ 20
Sulfide	mg/l	ZnS Precipitation, Iodometric	2.6	<0.2	≤ 1.0
TKN	mg/l	Macro Kjeldahl	45.73	12.04	≤ 35
Oil and Grease	mg/l	Liquid-Liquid, partition-Gravimetric	<5	<5	≤ 20



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รายงานผลวิเคราะห์
ANALYSIS REPORT

page 1/6-2

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 : November 26 , 2022

Sampling by : Seree Chanthawi

Received Date : November 26 , 2022

Analysis Date : November 26 - December 3, 2022

Reported Date : December 6 , 2022

Analysis No. : 261122/02294/2 Sample No. : S26282-S26283

Parameters	Units	Methods	Results		Std.*
			Equalization Tank	Effluent	
Settleable Solids	ml/l/hr	Imhoff Cone	0.2	0.0	≤0.5
Residual Chlorine	mg/l	DPD Colorimetric	-	<0.010	-
Total Coliform Bacteria	MPN/100ml	MPN Test	1.6×10^4	1.2	-

(Mr. Mapari Awaekuechi)
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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 : December 22, 2022

Sampling by : Seree Chanthawi

Received Date : December 22, 2022

Analysis Date : December 22-29, 2022

Reported Date : January 2, 2023

Analysis No. : 221222/01904/1 Sample No. : S28382-S28383

Parameters	Units	Methods	Results		Std.
			Equalization Tank	Effluent	
pH	-	Electrometric	7.1	6.8	5.0 - 9.0
TDS	mg/l	Dried at 103-105° C	373	352	≤ 500
SS	mg/l	Dried at 103-105° C	1433	5	≤ 30
BOD	mg/l	5-Day BOD Test, Azide Modification	158	4	≤ 20
Sulfide	mg/l	ZnS Precipitation, Iodometric	8.2	<0.2	≤ 1.0
TKN	mg/l	Macro Kjeldahl	76.16	5.88	≤ 35
Oil and Grease	mg/l	Liquid-Liquid, partition-Gravimetric	26.00	<5	≤ 20



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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 : December 22, 2022

Sampling by : Seree Chanthawi

Received Date : December 22, 2022

Analysis Date : December 22-29, 2022

Reported Date : January 2, 2023

Analysis No. : 221222/01904/2 Sample No. : S28382-S28383

Parameters	Units	Methods	Results		Std.*
			Equalization Tank	Effluent	
Settleable Solids	ml/l/hr	Imhoff Cone	200.0	0.0	≤0.5
Residual Chlorine	mg/l	DPD Colorimetric	-	<0.010	-
Total Coliform Bacteria	MPN/100ml	MPN Test	1.6×10^4	4.2	-



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