



ห้องปฏิบัติการวิเคราะห์เอกชน บริษัท โอกลา เทสติ้ง แอนด์ คอนซัลติง เซอร์วิส จำกัด

63/13 ซอย เพชรเกษม 7 แขวงวัดท่าพระ เขตบางกอกใหญ่ กรุงเทพมหานคร 10600

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WATER AND WASTEWATER ANALYSIS REPORT

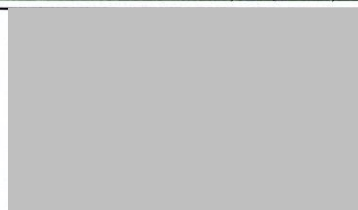
CLIENT NAME	: Diplomat 39	REPORT NO.	: RN220710427
SAMPLING LOCATION	: น้ำก่อนเข้าระบบ	SAMPLING SOURCE	: Wastewater
SAMPLING METHOD	: Grab	SAMPLING BY	
SAMPLE CONDITION	: Normal	SAMPLE CHARACTERISTICS	: ไม่มีตะกอนสีน้ำตาล
SAMPLING DATE	: Jul 6, 2022	SAMPLING TIME	: -
RECEIVED DATE	: Jul 6, 2022	ANALYTICAL DATE	: Jul 6-15, 2022
REPORT DATE	: Jul 18, 2022		

PARAMETER	UNIT	ANALYSIS METHODS	RESULT	STANDARD *
pH	-	4500-H ⁺ B	6.9	-
BOD ₅	mg/l	Azide Modification	25.2	-
Total Dissolved Solids	mg/l	2540 C	392.0	-
Suspended Solids	mg/l	2540 D	38.0	-
Settleable Solids	ml/l	2540 F	0.3	-
Sulfide as H ₂ S	mg/l	Iodometric	<1.0	-
TKN	mg/l	Macro Kjeldahl	3.4	-
Grease & Oil	mg/l	Partition Gravimetric	<5.0	-
Fecal Coliform Bacteria	MPN/100 ml	MPN Test	>2.4 x 10 ⁶	-
Total Coliform Bacteria	MPN/100 ml	MPN Test	>2.4 x 10 ⁶	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED., 2017 (AWWA, APHA, WEF)



Analyst



Environmental Laboratory Section Manager

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3. - Not available .

4. * Notification of the Ministry of Natural Resources and Environment, dated November 7, B.E. 2548 (2005), which was published in the Royal Government Gazette, Vol. 122, Part 125D dated December 19, B.E. 2548 (2005) . (Category B)



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WATER AND WASTEWATER ANALYSIS REPORT

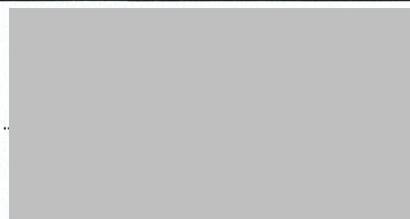
CLIENT NAME	: Diplomat 39	REPORT NO.	: RN220710428
SAMPLING LOCATION	: น้ำหลังจากการบำบัด	SAMPLING SOURCE	: Wastewater
SAMPLING METHOD	: Grab	SAMPLING BY	: [REDACTED]
SAMPLE CONDITION	: Normal	SAMPLE CHARACTERISTICS	: สัมตะกอนสีขาว
SAMPLING DATE	: Jul 6, 2022	SAMPLING TIME	: -
RECEIVED DATE	: Jul 6, 2022	ANALYTICAL DATE	: Jul 6-15, 2022
REPORT DATE	: Jul 18, 2022		

PARAMETER	UNIT	ANALYSIS METHODS	RESULT	STANDARD *
pH	-	4500-H ⁺ B	7.0	5-9
BOD ₅	mg/l	Azide Modification	22.4	≤ 30
Total Dissolved Solids	mg/l	2540 C	312.0	≤ 500
Suspended Solids	mg/l	2540 D	31.0	≤ 40
Settleable Solids	ml/l	2540 F	0.2	≤ 0.5
Sulfide as H ₂ S	mg/l	Iodometric	<1.0	≤ 1.0
TKN	mg/l	Macro Kjeldahl	0.7	≤ 35
Grease & Oil	mg/l	Partition Gravimetric	N.D.	≤ 20
Fecal Coliform Bacteria	MPN/100 ml	MPN Test	2.1 x 10 ⁵	-
Total Coliform Bacteria	MPN/100 ml	MPN Test	2.9 x 10 ⁵	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED., 2017 (AWWA, APHA, WEF)



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Diplomat 39	REPORT NO.	: RN220710429
SAMPLING LOCATION	: น้ำก่อนปล่อยสู่สาธารณะ1	SAMPLING SOURCE	: Wastewater
SAMPLING METHOD	: Grab	SAMPLING BY	
SAMPLE CONDITION	: Normal	SAMPLE CHARACTERISTICS	: สุ่มตะกอนสีน้ำตาล
SAMPLING DATE	: Jul 6, 2022	SAMPLING TIME	: -
RECEIVED DATE	: Jul 6, 2022	ANALYTICAL DATE	: Jul 6-15, 2022
REPORT DATE	: Jul 18, 2022		

PARAMETER	UNIT	ANALYSIS METHODS	RESULT	STANDARD *
pH	-	4500-H ⁺ B	7.0	5-9
BOD ₅	mg/l	Azide Modification	24.8	≤ 30
Total Dissolved Solids	mg/l	2540 C	352.0	≤ 500
Suspended Solids	mg/l	2540 D	25.0	≤ 40
Settleable Solids	ml/l	2540 F	<0.1	≤ 0.5
Sulfide as H ₂ S	mg/l	Iodometric	<1.0	≤ 1.0
TKN	mg/l	Macro Kjeldahl	0.4	≤ 35
Grease & Oil	mg/l	Partition Gravimetric	<5.0	≤ 20
Fecal Coliform Bacteria	MPN/100 ml	MPN Test	4.3 x 10 ⁴	-
Total Coliform Bacteria	MPN/100 ml	MPN Test	9.3 x 10 ⁴	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED., 2017 (AWWA, APHA, WEF)



Analyst



Environmental Laboratory Section Manager

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Diplomat 39	REPORT NO.	: RN220810499
SAMPLING LOCATION	: น้ำก่อนเข้าระบบ	SAMPLING SOURCE	: Wastewater
SAMPLING METHOD	: Grab	SAMPLING BY	: [REDACTED]
SAMPLE CONDITION	: Normal	SAMPLE CHARACTERISTICS	: ใสมีตะกอนสีน้ำตาล
SAMPLING DATE	: Aug 3, 2022	SAMPLING TIME	: -
RECEIVED DATE	: Aug 3, 2022	ANALYTICAL DATE	: Aug 3-15, 2022
REPORT DATE	: Aug 16, 2022		

PARAMETER	UNIT	ANALYSIS METHODS	RESULT	STANDARD *
pH	-	4500-H ⁺ B	6.2	-
BOD ₅	mg/l	Azide Modification	14.1	-
Total Dissolved Solids	mg/l	2540 C	332.0	-
Suspended Solids	mg/l	2540 D	19.0	-
Settleable Solids	ml/l	2540 F	0.2	-
Sulfide as H ₂ S	mg/l	Iodometric	<1.0	-
TKN	mg/l	Macro Kjeldahl	11.0	-
Grease & Oil	mg/l	Partition Gravimetric	<5.0	-
Fecal Coliform Bacteria	MPN/100 ml	MPN Test	>2.4 x 10 ⁶	-
Total Coliform Bacteria	MPN/100 ml	MPN Test	>2.4 x 10 ⁶	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED., 2017 (AWWA, APHA, WEF)

[REDACTED]

Analyst

[REDACTED]

Environmental Health Officer

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Diplomat 39	REPORT NO.	: RN220810500
SAMPLING LOCATION	: น้ำหลังจากการบำบัด	SAMPLING SOURCE	: Wastewater
SAMPLING METHOD	: Grab	SAMPLING BY	: [REDACTED]
SAMPLE CONDITION	: Normal	SAMPLE CHARACTERISTICS	: ใสมีตะกอนสีน้ำตาล
SAMPLING DATE	: Aug 3, 2022	SAMPLING TIME	: -
RECEIVED DATE	: Aug 3, 2022	ANALYTICAL DATE	: Aug 3-15, 2022
REPORT DATE	: Aug 16, 2022		

PARAMETER	UNIT	ANALYSIS METHODS	RESULT	STANDARD *
pH	-	4500-H ⁺ B	6.3	5-9
BOD ₅	mg/l	Azide Modification	6.1	≤ 30
Total Dissolved Solids	mg/l	2540 C	392.0	≤ 500
Suspended Solids	mg/l	2540 D	14.0	≤ 40
Settleable Solids	ml/l	2540 F	<0.1	≤ 0.5
Sulfide as H ₂ S	mg/l	Iodometric	<1.0	≤ 1.0
TKN	mg/l	Macro Kjeldahl	9.0	≤ 35
Grease & Oil	mg/l	Partition Gravimetric	N.D.	≤ 20
Fecal Coliform Bacteria	MPN/100 ml	MPN Test	<1.8	-
Total Coliform Bacteria	MPN/100 ml	MPN Test	3.6 x 10 ³	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED., 2017 (AWWA, APHA, WEF)



Analyst



Environmental Laboratory Section Manager

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Diplomat 39	REPORT NO.	: RN220810501
SAMPLING LOCATION	: น้ำก่อนปล่อยสู่สาธารณะ	SAMPLING SOURCE	: Wastewater
SAMPLING METHOD	: Grab	SAMPLING BY	
SAMPLE CONDITION	: Normal	SAMPLE CHARACTERISTICS	: ใสมีตะกอนสีน้ำตาล
SAMPLING DATE	: Aug 3, 2022	SAMPLING TIME	: -
RECEIVED DATE	: Aug 3, 2022	ANALYTICAL DATE	: Aug 3-15, 2022
REPORT DATE	: Aug 16, 2022		

PARAMETER	UNIT	ANALYSIS METHODS	RESULT	STANDARD *
pH	-	4500-H ⁺ B	6.2	5-9
BOD ₅	mg/l	Azide Modification	8.2	≤ 30
Total Dissolved Solids	mg/l	2540 C	388.0	≤ 500
Suspended Solids	mg/l	2540 D	14.0	≤ 40
Settleable Solids	ml/l	2540 F	<0.1	≤ 0.5
Sulfide as H ₂ S	mg/l	Iodometric	<1.0	≤ 1.0
TKN	mg/l	Macro Kjeldahl	9.1	≤ 35
Grease & Oil	mg/l	Partition Gravimetric	<5.0	≤ 20
Fecal Coliform Bacteria	MPN/100 ml	MPN Test	>2.4 x 10 ⁶	-
Total Coliform Bacteria	MPN/100 ml	MPN Test	>2.4 x 10 ⁶	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED., 2017 (AWWA, APHA, WEF)



Analyst



Environmental Laboratory Section Manager

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Diplomat 39	REPORT NO.	: RN220910614
SAMPLING LOCATION	: น้ำก่อนเข้าระบบ	SAMPLING SOURCE	: Wastewater
SAMPLING METHOD	: Grab	SAMPLING BY	: [REDACTED]
SAMPLE CONDITION	: Normal	SAMPLE CHARACTERISTICS	: สัมผัสตะกอนสีน้ำตาล
SAMPLING DATE	: Sep 7, 2022	SAMPLING TIME	: -
RECEIVED DATE	: Sep 7, 2022	ANALYTICAL DATE	: Sep 7-16, 2022
REPORT DATE	: Sep 19, 2022		

PARAMETER	UNIT	ANALYSIS METHODS	RESULT	STANDARD *
pH	-	4500-H ⁺ B	6.1	-
BOD ₅	mg/l	Azide Modification	22.6	-
Total Dissolved Solids	mg/l	2540 C	432.0	-
Suspended Solids	mg/l	2540 D	12.0	-
Settleable Solids	ml/l	2540 F	0.2	-
Sulfide as H ₂ S	mg/l	Iodometric	<1.0	-
TKN	mg/l	Macro Kjeldahl	27.0	-
Grease & Oil	mg/l	Partition Gravimetric	<5.0	-
Fecal Coliform Bacteria	MPN/100 ml	MPN Test	9.3 x 10 ⁴	-
Total Coliform Bacteria	MPN/100 ml	MPN Test	1.5 x 10 ⁵	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED., 2017 (AWWA, APHA, WEF)



Analyst



Environmental Laboratory Section Manager

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WATER AND WASTEWATER ANALYSIS REPORT

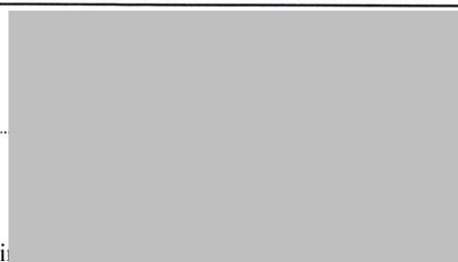
CLIENT NAME	: Diplomat 39	REPORT NO.	: RN220910615
SAMPLING LOCATION	: น้ำหลังจากการบำบัด	SAMPLING SOURCE	: Wastewater
SAMPLING METHOD	: Grab	SAMPLING BY	
SAMPLE CONDITION	: Normal	SAMPLE CHARACTERISTICS	: ไม่มีตะกอนสีน้ำตาล
SAMPLING DATE	: Sep 7, 2022	SAMPLING TIME	: -
RECEIVED DATE	: Sep 7, 2022	ANALYTICAL DATE	: Sep 7-16, 2022
REPORT DATE	: Sep 19, 2022		

PARAMETER	UNIT	ANALYSIS METHODS	RESULT	STANDARD *
pH	-	4500-H ⁺ B	6.4	5-9
BOD ₅	mg/l	Azide Modification	23.1	≤ 30
Total Dissolved Solids	mg/l	2540 C	412.0	≤ 500
Suspended Solids	mg/l	2540 D	6.0	≤ 40
Settleable Solids	ml/l	2540 F	<0.1	≤ 0.5
Sulfide as H ₂ S	mg/l	Iodometric	<1.0	≤ 1.0
TKN	mg/l	Macro Kjeldahl	2.0	≤ 35
Grease & Oil	mg/l	Partition Gravimetric	N.D.	≤ 20
Fecal Coliform Bacteria	MPN/100 ml	MPN Test	2.1 x 10 ⁴	-
Total Coliform Bacteria	MPN/100 ml	MPN Test	2.8 x 10 ⁴	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED., 2017 (AWWA, APHA, WEF)



Analyst



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Diplomat 39	REPORT NO.	: RN220910616
SAMPLING LOCATION	: น้ำก่อนปล่อยสู่สาธารณะ	SAMPLING SOURCE	: Wastewater
SAMPLING METHOD	: Grab	SAMPLING BY	
SAMPLE CONDITION	: Normal	SAMPLE CHARACTERISTICS	: สีมืดก่อนสีน้ำตาล
SAMPLING DATE	: Sep 7, 2022	SAMPLING TIME	: -
RECEIVED DATE	: Sep 7, 2022	ANALYTICAL DATE	: Sep 7-16, 2022
REPORT DATE	: Sep 19, 2022		

PARAMETER	UNIT	ANALYSIS METHODS	RESULT	STANDARD *
pH	-	4500-H ⁺ B	6.3	5-9
BOD ₅	mg/l	Azide Modification	26.0	≤ 30
Total Dissolved Solids	mg/l	2540 C	460.0	≤ 500
Suspended Solids	mg/l	2540 D	40.0	≤ 40
Settleable Solids	ml/l	2540 F	<0.1	≤ 0.5
Sulfide as H ₂ S	mg/l	Iodometric	<1.0	≤ 1.0
TKN	mg/l	Macro Kjeldahl	1.5	≤ 35
Grease & Oil	mg/l	Partition Gravimetric	N.D.	≤ 20
Fecal Coliform Bacteria	MPN/100 ml	MPN Test	1.5 x 10 ⁴	-
Total Coliform Bacteria	MPN/100 ml	MPN Test	2.0 x 10 ⁴	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED., 2017 (AWWA, APHA, WEF)



Analyst



Environmental Laboratory Section Manager

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Diplomat 39	REPORT NO.	: RN221010712
SAMPLING LOCATION	: น้ำก่อนเข้าระบบ	SAMPLING SOURCE	: Wastewater
SAMPLING METHOD	: Grab	SAMPLING BY	: [REDACTED]
SAMPLE CONDITION	: Normal	SAMPLE CHARACTERISTICS	: เสม็ดะกอนสนาดาล
SAMPLING DATE	: Oct 20, 2022	SAMPLING TIME	: -
RECEIVED DATE	: Oct 20, 2022	ANALYTICAL DATE	: Oct 20-31, 2022
REPORT DATE	: Nov 1, 2022		

PARAMETER	UNIT	ANALYSIS METHODS	RESULT	STANDARD *
pH	-	4500-H ⁺ B	5.5	-
BOD ₅	mg/l	Azide Modification	29.1	-
Total Dissolved Solids	mg/l	2540 C	332.0	-
Suspended Solids	mg/l	2540 D	28.0	-
Settleable Solids	ml/l	2540 F	<0.1	-
Sulfide as H ₂ S	mg/l	Iodometric	<1.0	-
TKN	mg/l	Macro Kjeldahl	4.6	-
Grease & Oil	mg/l	Partition Gravimetric	<5.0	-
Fecal Coliform Bacteria	MPN/100 ml	MPN Test	>2.4 x 10 ⁶	-
Total Coliform Bacteria	MPN/100 ml	MPN Test	>2.4 x 10 ⁶	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED., 2017 (AWWA, APHA, WEF)



J-219-0-2424

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CLIENT NAME	: Diplomat 39	REPORT NO.	: RN221010713
SAMPLING LOCATION	: น้ำหลังจากการบำบัด	SAMPLING SOURCE	: Wastewater
SAMPLING METHOD	: Grab	SAMPLING BY	: [REDACTED]
SAMPLE CONDITION	: Normal	SAMPLE CHARACTERISTICS	: ไม่มีตะกอนสีน้ำตาล
SAMPLING DATE	: Oct 20, 2022	SAMPLING TIME	: -
RECEIVED DATE	: Oct 20, 2022	ANALYTICAL DATE	: Oct 20-31, 2022
REPORT DATE	: Nov 1, 2022		

PARAMETER	UNIT	ANALYSIS METHODS	RESULT	STANDARD *
pH	-	4500-H ⁺ B	5.6	5-9
BOD ₅	mg/l	Azide Modification	28.1	≤ 30
Total Dissolved Solids	mg/l	2540 C	300.0	≤ 500
Suspended Solids	mg/l	2540 D	35.0	≤ 40
Settleable Solids	ml/l	2540 F	<0.1	≤ 0.5
Sulfide as H ₂ S	mg/l	Iodometric	<1.0	≤ 1.0
TKN	mg/l	Macro Kjeldahl	3.4	≤ 35
Grease & Oil	mg/l	Partition Gravimetric	N.D.	≤ 20
Fecal Coliform Bacteria	MPN/100 ml	MPN Test	4.6 x 10 ⁵	-
Total Coliform Bacteria	MPN/100 ml	MPN Test	1.1 x 10 ⁶	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED., 2017 (AWWA, APHA, WEF)



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Diplomat 39	REPORT NO.	: RN221010714
SAMPLING LOCATION	: น้ำก่อนปล่อยสู่สาธารณะ	SAMPLING SOURCE	: Wastewater
SAMPLING METHOD	: Grab	SAMPLING BY	
SAMPLE CONDITION	: Normal	SAMPLE CHARACTERISTICS	: ไม่มีตะกอนสีน้ำตาล
SAMPLING DATE	: Oct 20, 2022	SAMPLING TIME	: -
RECEIVED DATE	: Oct 20, 2022	ANALYTICAL DATE	: Oct 20-31, 2022
REPORT DATE	: Nov 1, 2022		

PARAMETER	UNIT	ANALYSIS METHODS	RESULT	STANDARD *
pH	-	4500-H ⁺ B	5.5	5-9
BOD ₅	mg/l	Azide Modification	19.3	≤ 30
Total Dissolved Solids	mg/l	2540 C	292.0	≤ 500
Suspended Solids	mg/l	2540 D	25.0	≤ 40
Settleable Solids	ml/l	2540 F	<0.1	≤ 0.5
Sulfide as H ₂ S	mg/l	Iodometric	<1.0	≤ 1.0
TKN	mg/l	Macro Kjeldahl	1.4	≤ 35
Grease & Oil	mg/l	Partition Gravimetric	N.D.	≤ 20
Fecal Coliform Bacteria	MPN/100 ml	MPN Test	9.3 x 10 ⁴	-
Total Coliform Bacteria	MPN/100 ml	MPN Test	1.5 x 10 ⁵	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED., 2017 (AWWA, APHA, WEF)



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Diplomat 39	REPORT NO.	: RN221110772
SAMPLING LOCATION	: น้ำก่อนเข้าระบบ	SAMPLING SOURCE	: Wastewater
SAMPLING METHOD	: Grab	SAMPLING BY	
SAMPLE CONDITION	: Normal	SAMPLE CHARACTERISTICS	: ไม่มีตะกอนสีน้ำตาล
SAMPLING DATE	: Nov 16, 2022	SAMPLING TIME	: -
RECEIVED DATE	: Nov 16, 2022	ANALYTICAL DATE	: Nov 16-25, 2022
REPORT DATE	: Nov 28, 2022		

PARAMETER	UNIT	ANALYSIS METHODS	RESULT	STANDARD *
pH	-	4500-H ⁺ B	5.8	-
BOD ₅	mg/l	Azide Modification	22.1	-
Total Dissolved Solids	mg/l	2540 C	404.0	-
Suspended Solids	mg/l	2540 D	38.0	-
Settleable Solids	ml/l	2540 F	<0.1	-
Sulfide as H ₂ S	mg/l	Iodometric	<1.0	-
TKN	mg/l	Macro Kjeldahl	22.0	-
Grease & Oil	mg/l	Partition Gravimetric	<5.0	-
Fecal Coliform Bacteria	MPN/100 ml	MPN Test	>2.4 x 10 ⁶	-
Total Coliform Bacteria	MPN/100 ml	MPN Test	>2.4 x 10 ⁶	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED., 2017 (AWWA, APHA, WEF)



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Diplomat 39	REPORT NO.	: RN221110773
SAMPLING LOCATION	: น้ำหลังจากการบำบัด	SAMPLING SOURCE	: Wastewater
SAMPLING METHOD	: Grab	SAMPLING BY	: [REDACTED]
SAMPLE CONDITION	: Normal	SAMPLE CHARACTERISTICS	: ใสมีตะกอนสีน้ำตาล
SAMPLING DATE	: Nov 16, 2022	SAMPLING TIME	: -
RECEIVED DATE	: Nov 16, 2022	ANALYTICAL DATE	: Nov 16-25, 2022
REPORT DATE	: Nov 28, 2022		

PARAMETER	UNIT	ANALYSIS METHODS	RESULT	STANDARD *
pH	-	4500-H ⁺ B	6.0	5-9
BOD ₅	mg/l	Azide Modification	23.6	≤ 30
Total Dissolved Solids	mg/l	2540 C	360.0	≤ 500
Suspended Solids	mg/l	2540 D	34.0	≤ 40
Settleable Solids	ml/l	2540 F	<0.1	≤ 0.5
Sulfide as H ₂ S	mg/l	Iodometric	<1.0	≤ 1.0
TKN	mg/l	Macro Kjeldahl	20.0	≤ 35
Grease & Oil	mg/l	Partition Gravimetric	N.D.	≤ 20
Fecal Coliform Bacteria	MPN/100 ml	MPN Test	1.1 x 10 ⁶	-
Total Coliform Bacteria	MPN/100 ml	MPN Test	4.6 x 10 ⁶	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED., 2017 (AWWA, APHA, WEF)



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Diplomat 39	REPORT NO.	: RN221110774
SAMPLING LOCATION	: น้ำก่อนปล่อยสู่สาธารณะ	SAMPLING SOURCE	: Wastewater
SAMPLING METHOD	: Grab	SAMPLING BY	: [REDACTED]
SAMPLE CONDITION	: Normal	SAMPLE CHARACTERISTICS	: ใสมีตะกอนสีน้ำตาล
SAMPLING DATE	: Nov 16, 2022	SAMPLING TIME	: -
RECEIVED DATE	: Nov 16, 2022	ANALYTICAL DATE	: Nov 16-25, 2022
REPORT DATE	: Nov 28, 2022		

PARAMETER	UNIT	ANALYSIS METHODS	RESULT	STANDARD *
pH	-	4500-H ⁺ B	6.0	5-9
BOD ₅	mg/l	Azide Modification	13.7	≤ 30
Total Dissolved Solids	mg/l	2540 C	396.0	≤ 500
Suspended Solids	mg/l	2540 D	26.0	≤ 40
Settleable Solids	ml/l	2540 F	<0.1	≤ 0.5
Sulfide as H ₂ S	mg/l	Iodometric	<1.0	≤ 1.0
TKN	mg/l	Macro Kjeldahl	16.0	≤ 35
Grease & Oil	mg/l	Partition Gravimetric	N.D.	≤ 20
Fecal Coliform Bacteria	MPN/100 ml	MPN Test	1.5 x 10 ⁵	-
Total Coliform Bacteria	MPN/100 ml	MPN Test	4.6 x 10 ⁵	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED., 2017 (AWWA, APHA, WEF)



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Diplomat 39	REPORT NO.	: RN221210858
SAMPLING LOCATION	: น้ำก่อนเข้าระบบ	SAMPLING SOURCE	: Wastewater
SAMPLING METHOD	: Grab	SAMPLING BY	
SAMPLE CONDITION	: Normal	SAMPLE CHARACTERISTICS	: เหลืองขุ่นตะกอนสีน้ำตาล
SAMPLING DATE	: Dec 7, 2022	SAMPLING TIME	: -
RECEIVED DATE	: Dec 7, 2022	ANALYTICAL DATE	: Dec 7-16, 2022
REPORT DATE	: Dec 19, 2022		

PARAMETER	UNIT	METHODS OF ANALYSIS	RESULT	MDL	STANDARD*
pH	-	Electrometric (SM: 4500-H ⁺ B.)	7.2	-	-
Biochemical Oxygen Demand	mg/l	Azide Modification	11.0	-	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180 °C (SM: 2540 C.)	388.0	-	-
Suspended Solids	mg/l	Suspended Solids Dried at 103-105 °C (SM: 2540 D.)	30.0	-	-
Settleable Solids	mg/l	Settleable Solids (SM: 2540 F.)	0.2	-	-
Sulfide as H ₂ S	mg/l	Iodometric (SM: 4500-S ²⁻ F.)	<1.0	-	-
Total Kjeldahl Nitrogen	mg/l	Macro Kjeldahl (SM: 4500-N _{org} B)	19.4	-	-
Grease & Oil	mg/l	Liquid-Liquid Partition-Gravimetric (SM: 5520 B.)	<5.0	1.4	-
Fecal Coliform Bacteria	MPN/100 ml	MPN Test	7.5 x 10 ⁴	-	-
Total Coliform Bacteria	MPN/100 ml	MPN Test	>2.4 x 10 ⁶	-	-

SM : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED.,2017 (AWWA,APHA, WEF)



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Diplomat 39	REPORT NO.	: RN221210859
SAMPLING LOCATION	: น้ำหลังจากการบำบัด	SAMPLING SOURCE	: Wastewater
SAMPLING METHOD	: Grab	SAMPLING BY	
SAMPLE CONDITION	: Normal	SAMPLE CHARACTERISTICS	: ใส่ตะกอนสีน้ำตาล
SAMPLING DATE	: Dec 7, 2022	SAMPLING TIME	: -
RECEIVED DATE	: Dec 7, 2022	ANALYTICAL DATE	: Dec 7-16, 2022
REPORT DATE	: Dec 19, 2022		

PARAMETER	UNIT	METHODS OF ANALYSIS	RESULT	MDL	STANDARD*
pH	-	Electrometric (SM: 4500-H ⁺ B.)	7.4	-	5-9
Biochemical Oxygen Demand	mg/l	Azide Modification	7.5	-	≤30
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180 °C (SM: 2540 C.)	324.0	-	≤500
Suspended Solids	mg/l	Suspended Solids Dried at 103-105 °C (SM: 2540 D.)	23.0	-	≤40
Settleable Solids	mg/l	Settleable Solids (SM: 2540 F.)	<0.1	-	≤0.5
Sulfide as H ₂ S	mg/l	Iodometric (SM: 4500-S ²⁻ F.)	<1.0	-	≤1.0
Total Kjeldahl Nitrogen	mg/l	Macro Kjeldahl (SM: 4500-N _{org} B)	14.0	-	≤35
Grease & Oil	mg/l	Liquid-Liquid Partition-Gravimetric (SM: 5520 B.)	N.D.	1.4	≤20
Fecal Coliform Bacteria	MPN/100 ml	MPN Test	>2.4 x 10 ⁶	-	-
Total Coliform Bacteria	MPN/100 ml	MPN Test	>2.4 x 10 ⁶	-	-

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Diplomat 39	REPORT NO.	: RN221210860
SAMPLING LOCATION	: น้ำก่อนปล่อยสู่สาธารณะ	SAMPLING SOURCE	: Wastewater
SAMPLING METHOD	: Grab	SAMPLING BY	
SAMPLE CONDITION	: Normal	SAMPLE CHARACTERISTICS	: ใส่ตะกอนสีน้ำตาล
SAMPLING DATE	: Dec 7, 2022	SAMPLING TIME	: -
RECEIVED DATE	: Dec 7, 2022	ANALYTICAL DATE	: Dec 7-16, 2022
REPORT DATE	: Dec 19, 2022		

PARAMETER	UNIT	METHODS OF ANALYSIS	RESULT	MDL	STANDARD *
pH	-	Electrometric (SM: 4500-H ⁺ B.)	7.3	-	5-9
Biochemical Oxygen Demand	mg/l	Azide Modification	9.0	-	≤30
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180 °C (SM: 2540 C.)	348.0	-	≤500
Suspended Solids	mg/l	Suspended Solids Dried at 103-105 °C (SM: 2540 D.)	27.0	-	≤40
Settleable Solids	mg/l	Settleable Solids (SM: 2540 F.)	<0.1	-	≤0.5
Sulfide as H ₂ S	mg/l	Iodometric (SM: 4500-S ²⁻ F.)	<1.0	-	≤1.0
Total Kjeldahl Nitrogen	mg/l	Macro Kjeldahl (SM: 4500-N _{org} B)	5.0	-	≤35
Grease & Oil	mg/l	Liquid-Liquid Partition-Gravimetric (SM: 5520 B.)	N.D.	1.4	≤20
Fecal Coliform Bacteria	MPN/100 ml	MPN Test	7.5 × 10 ⁴	-	-
Total Coliform Bacteria	MPN/100 ml	MPN Test	1.5 × 10 ⁵	-	-

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