

ภาคผนวก ง-1

ผลการติดตามตรวจสอบคุณภาพน้ำจากระบบบำบัดน้ำเสียของโครงการ
(ตรวจทุก 1 เดือน)

**ANALYSIS / TEST REPORT**

Customer Name : นิติบุคคลอาคารชุด ฟูลเลอตัน สุขุมวิท
 Address : 1219/2 อ.สุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพฯ 10110
 Contact Details : [REDACTED]
 Sampling Source : นิติบุคคลอาคารชุด ฟูลเลอตัน สุขุมวิท
 Sample Type / Name : Waste Water
 Sampling Date : January 15, 2021 Sampling Condition : Grab
 Received Date : January 15, 2021 Analytical Date : January 15 - 28, 2021
 Sampling By : Praphan Wongjaesem Analyzed By : Anya Khamhom
 Report No. : JEX-WW-21-J0035 Quotation No. : QL/20/0013/WW/PW

Parameters	Unit	Method of Analysis	Result	Regulatory Standard	Limit of Detection
			นำเลียบ่อน้าง		
			21-J0063		
BOD**	mg/l	Azide Modification Method	13.0	< 30	2.0
Grease and Oil**	mg/l	Partial-Gravimetric Method	ND	< 20	3
pH**	-	Electrometric Method	7.5 (25°C)	5.5 - 9.0	-
Suspended Solids**	mg/l	Total Suspended Solids Dried at 103-105°C	6.2	< 40	5.0
Settleable Solids**	mg/l	In half cone	< 0.1	< 0.5	0.1
Sulfide**	mg/l	Iodometric Method	ND	< 1.0	0.13
TKN**	mg/l	Total Kjeldahl Nitrogen	19.1	< 35	1.5
Total Dissolved Solids**	mg/l	Total Dissolved Solids Dried at 103-105°C	516	< 500	25
Total Coliform Bacteria**	MPN/100ml	Multiple Tube Fermentation Technique	92,000	-	1.8

Reference: APHA, AWWA, AND WEF. Standard Methods for the Examination of Water and Wastewater. 23rd ed. Washington, DC: APHA, 2017

Definition: * : Analysis by Ecotech Water Systems Co., Ltd / eco-i Laboratory

** : The test was subcontracted to the another laboratory

< : Less than

IN-HOUSE : Based on standard methods for the examination of water and wastewater, APHA, AWWA, WEF, 23th edition, 2017

LOQ : Limit of Quantitation

mg/l : Milligram per Liter

ND : Non-Detectable

SM : Standard methods for the examination of water and wastewater, APHA, AWWA, WEF, 23th edition, 2017

Laboratory Manager: _____

๓-295-๓-8288

Remark: 1) The above results are valid only for the analyzed / tested sample (s) as indicated in this report only.
 2) Do not copy partial of this analysis report without official approval

ANALYSIS / TEST REPORT

Customer Name : นิติบุคคลอาคารชุด ฟูลเลอตัน สุขุมวิท
 Address : 1219/2 ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพฯ 10110
 Contact Details : [REDACTED]
 Sampling Source : นิติบุคคลอาคารชุด ฟูลเลอตัน สุขุมวิท
 Sample Type / Name : Waste Water
 Sampling Date : February 8, 2021 Sampling Condition : Grab
 Received Date : February 8, 2021 Analytical Date : February 9-12, 2021
 Sampling By : Praphan Wongjaesem Analyzed By : Anya Khamhom
 Report No. : JEX-Ww-21-J0082 Quotation No. : QL/20/0013/WW/Pw

Parameters	Unit	Method of Analysis	Result	Regulatory Standard	Limit of Detection
			น้ำเสียบ่อหนอง		
			21-J0174		
BOD**	mg/l	Azide Modification Method	7.2	< 30	2.0
Grease and Oil**	mg/l	Partial-Gravimetric Method	ND	< 20	3
pH**	-	Electrometric Method	7.2 (25°C)	5.5 – 9.0	-
Suspended Solids**	mg/l	Total Suspended Solids Dried at 103-105°C	ND	< 40	5.0
Settleable Solids**	mg/l	Imhoff cone	< 0.1	< 0.5	0.1
Sulfide**	mg/l	Iodometric Method	ND	< 1.0	0.13
TKN**	mg/l	Total Kjeldahl Nitrogen	9.5	< 35	1.5
Total Dissolved Solids**	mg/l	Total Dissolved Solids Dried at 103-105°C	1,010	< 500	25
Total Coliform Bacteria**	MPN/100ml	Multiple Tube Fermentation Technique	28,000	-	1.8

Reference: APHA, AWWA, AND WEF. *Standard Methods for the Examination of Water and Wastewater*. 23rd ed. Washington, DC: APHA, 2017

Definition: * : Analysis by Ecotech Water Systems Co., Ltd / eco-i Laboratory

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< : Less than

IN-HOUSE : Based on standard methods for the examination of water and wastewater, APHA, AWWA, WEF, 23th edition, 2017

LOQ : Limit of Quantitation

mg/l : Milligram per Liter

ND : Non-Detectable

SM : Standard methods for the examination of water and wastewater, APHA, AWWA, WEF, 23th edition, 2017

Laboratory Manager: [REDACTED]

๖-295-๙-8288

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ANALYSIS / TEST REPORT

Customer Name : บริษัทชลประทาน จำกัด (มหาชน) สุพรรณบุรี
 Address : 1219/2 ด.สุพรรณบุรี แขวงคลองต้นไทร เขตวัดนา กรุงเทพฯ 10110
 Contact Details : [REDACTED]
 Sampling Source : บริษัทชลประทาน จำกัด (มหาชน) สุพรรณบุรี
 Sample Type / Name : Waste Water
 Sampling Date : March 6, 2021 Sampling Condition : Grab
 Received Date : March 6, 2021 Analytical Date : March 8 - 14, 2021
 Sampling By : Praphan Wongjaesem Analyzed By : Anya Khamhom
 Report No. : JEX-WW-21-J0159 Quotation No. : QL/21/0011/W/Pw

Parameters	Unit	Method of Analysis	Result	Regulatory Standard	Limit of Detection
			น้ำเสียบ่อหนอง		
			21-J0341		
BOD**	mg/l	Azide Modification Method	11.4	< 30	2.0
Grease and Oil**	mg/l	Partial-Gravimetric Method	ND	< 20	3
pH**	-	Electrometric Method	7.3 (25°C)	5.5 - 9.0	-
Suspended Solids**	mg/l	Total Suspended Solids Dried at 103-105°C	12.9	< 40	5.0
Settleable Solids**	mg/l	Imhoff cone	< 0.1	< 0.5	0.1
Sulfide**	mg/l	Iodometric Method	ND	< 1.0	0.13
TKN**	mg/l	Total Kjeldahl Nitrogen	16.6	< 35	1.5
Total Dissolved Solids**	mg/l	Total Dissolved Solids Dried at 103-105°C	430	< 500	25
Total Coliform Bacteria**	MPN/100ml	Multiple Tube Fermentation Technique	35,000	-	1.8

Reference: APHA, AWWA, AND WEF. *Standard Methods for the Examination of Water and Wastewater*. 23rd ed. Washington, DC: APHA, 2017

Definition: * : Analysis by Ecotech Water Systems Co., Ltd / eco-i Laboratory

** : The test was subcontracted to the another laboratory

< : Less than

IN-HOUSE : Based on standard methods for the examination of water and wastewater, APHA, AWWA, WEF, 23th edition, 2017

LOQ : Limit of Quantitation

mg/l : Milligram per Liter

ND : Non-Detectable

SM : Standard methods for the examination of water and wastewater, APHA, AWWA, WEF, 23th edition, 2017

Laboratory Manager: [REDACTED]

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ANALYSIS / TEST REPORT

Customer Name : นิติบุคคลอาคารชุด ฟูลเลอตัน สุขุมวิท
 Address : 1219/2 ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพฯ 10110
 Contact Details :
 Sampling Source : นิติบุคคลอาคารชุด ฟูลเลอตัน สุขุมวิท
 Sample Type / Name : Waste Water
 Sampling Date : April 2, 2021 Sampling Condition : Grab
 Received Date : April 2, 2021 Analytical Date : April 3 - 9, 2021
 Sampling By : Praphan Wongjaesem Analyzed By : Anya Khamhom
 Report No. : JEX-Ww-21-J0223 Quotation No. : QL/21/0011/W/Pw

Parameters	Unit	Method of Analysis	Result	Regulatory Standard	Limit of Detection
			น้ำเสียบ่อฝัง		
			21-J0504		
BOD**	mg/l	Azide Modification Method	15.7	< 30	2.0
Grease and Oil**	mg/l	Partial-Gravimetric Method	ND	< 20	3
pH**	-	Electrometric Method	7.1 (25°C)	5.5 - 9.0	-
Suspended Solids**	mg/l	Total Suspended Solids Dried at 103-105°C	9.0	< 40	5.0
Settleable Solids**	mg/l	Imhoff cone	< 0.1	< 0.5	0.1
Sulfide**	mg/l	Iodometric Method	ND	< 1.0	0.13
TKN**	mg/l	Total Kjeldahl Nitrogen	18.2	< 35	1.5
Total Dissolved Solids**	mg/l	Total Dissolved Solids Dried at 103-105°C	406	< 500	25
Total Coliform Bacteria**	MPN/100ml	Multiple Tube Fermentation Technique	160,000	-	1.8

Reference: APHA, AWWA, AND WEF. Standard Methods for the Examination of Water and Wastewater. 23rd ed. Washington, DC: APHA, 2017

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** : The test was subcontracted to the another laboratory

< : Less than

IN-HOUSE : Based on standard methods for the examination of water and wastewater, APHA, AWWA, WEF, 23th edition, 2017

LOQ : Limit of Quantitation

mg/l : Milligram per Liter

ND : Non-Detectable

SM : Standard methods for the examination of water and wastewater, APHA, AWWA, WEF, 23th edition, 2017

Laboratory Manager: _____

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ANALYSIS / TEST REPORT

Customer Name : นิติบุคคลอาคารชุด ฟูลเลอตัน สุขุมวิท
Address : 1219/2 ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพฯ 10110
Contact Details :
Sampling Source : นิติบุคคลอาคารชุด ฟูลเลอตัน สุขุมวิท
Sample Type / Name : Waste Water
Sampling Date : May 7, 2021 Sampling Condition : Grab
Received Date : May 7, 2021 Analytical Date : May 7 - 21, 2021
Sampling By : Praphan Wongjaesem Analyzed By : Chaloeuwut Singwong
Report No. : JEX-Ww-21-J0332 Quotation No. : QL/21/0011/W/Pw

Parameters	Unit	Method of Analysis	Result	Regulatory Standard	Limit of Detection
			น้ำเสียบ่อหน้า		
			21-J0719		
BOD**	mg/l	Azide Modification Method	9.1	< 30	2.0
Grease and Oil**	mg/l	Partial-Gravimetric Method	ND	< 20	3
pH**	-	Electrometric Method	7.2 (25°C)	5.5 - 9.0	-
Suspended Solids**	mg/l	Total Suspended Solids Dried at 103-105°C	ND	< 40	5.0
Settleable Solids**	mg/l	Imhoff cone	< 0.1	< 0.5	0.1
Sulfide**	mg/l	Iodometric Method	ND	< 1.0	0.13
TKN**	mg/l	Total Kjeldahl Nitrogen	12.2	< 35	1.5
Total Dissolved Solids**	mg/l	Total Dissolved Solids Dried at 103-105°C	430	< 500	25
Total Coliform Bacteria**	MPN/100ml	Multiple Tube Fermentation Technique	14,000	-	1.8

Reference: APHA, AWWA, AND WEF. Standard Methods for the Examination of Water and Wastewater. 23rd ed. Washington, DC: APHA, 2017

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LOQ : Limit of Quantitation

mg/l : Milligram per Liter

ND : Non-Detectable

SM : Standard methods for the examination of water and wastewater, APHA, AWWA, WEF, 23th edition, 2017

Laboratory Manager: _____

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ANALYSIS / TEST REPORT

Customer Name : นิติบุคคลอาคารชุด ฟูลเลตัน สุขุมวิท
Address : 1219/2 ถ.สุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพฯ 10110
Contact Details :
Sampling Source : นิติบุคคลอาคารชุด ฟูลเลตัน สุขุมวิท
Sample Type / Name : Waste Water
Sampling Date : June 11, 2021 Sampling Condition : Grab
Received Date : June 11, 2021 Analytical Date : June 11 – 25, 2021
Sampling By : Praphan Wongjaesem Analyzed By : Chaloemwut Singwong
Report No. : JEX-Ww-21-J0472 Quotation No. : QL/21/0011/W/Pw

Parameters	Unit	Method of Analysis	Result	Regulatory Standard	Limit of Detection
			น้ำเสียบ่อหน้า		
			21-J1012		
BOD**	mg/l	Azide Modification Method	45.2	< 30	2.0
Grease and Oil**	mg/l	Partial-Gravimetric Method	ND	< 20	3
pH**	-	Electrometric Method	6.8 (25°C)	5.5 – 9.0	-
Suspended Solids**	mg/l	Total Suspended Solids Dried at 103-105°C	21.4	< 40	5.0
Settleable Solids**	mg/l	Imhoff cone	< 0.1	< 0.5	0.1
Sulfide**	mg/l	Iodometric Method	ND	< 1.0	0.13
TKN**	mg/l	Total Kjeldahl Nitrogen	10.8	< 35	1.5
Total Dissolved Solids**	mg/l	Total Dissolved Solids Dried at 103-105°C	462	< 500	25
Total Coliform Bacteria**	MPN/100ml	Multiple Tube Fermentation Technique	92,000	-	1.8

Reference: APHA, AWWA, AND WEF. *Standard Methods for the Examination of Water and Wastewater*. 23rd ed. Washington, DC: APHA, 2017

Definition: * : Analysis by Ecotech Water Systems Co., Ltd / eco-i Laboratory

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IN-HOUSE : Based on standard methods for the examination of water and wastewater, APHA, AWWA, WEF, 23th edition, 2017

LOQ : Limit of Quantitation

mg/l : Milligram per Liter

ND : Non-Detectable

SM : Standard methods for the examination of water and wastewater, APHA, AWWA, WEF, 23th edition, 2017

Laboratory Manager: _____

(Signature)

๑-295-๓-8288

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