



Ecotech Water Systems Co., Ltd.

Report for Sample Analysis Of

Ideo Blucove Sukhumvit Condominium

Juristic Person

(July 2023, 5/12)

Ecotech Water Systems Co., Ltd.

20 Soi Kheharomklao 74 Yaek 6, Ratphatthana, Saphansung, Bangkok 10240;

Tel: (66)2-108 6468-9; Fax: (66)2-061 2809

www.ecotechthailand.com / www.ecoilab.com

Report for Sample Analysis

CUSTOMER NAME : Ideo Blucove Sukhumvit Condominium Juristic Person
 ADDRESS : 2952 Sukhumvit Road, Bangna, Bangkok 10260
 CONTACT DETAILS : คุณสุพจน์ วัชรดี TEL : 099 223 3022 , 02 173 5902 e-mail : Supot.theworks@ananda.co.th
 SAMPLING SOURCE : Ideo Blucove Sukhumvit Condominium Juristic Person
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J0862
 SAMPLING DATE : July 7, 2023 RECEIVED DATE : July 8, 2023
 SAMPLING TIME : 14.50 Hour ANALYTICAL DATE : July 8 - 19, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (๑-295-๑-0004) WORK NO. : Ww-23-J2424

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อเกรอะ	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	200.0	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	10.8	-
pH	-	Electrometric Method	7.3 (25°C)	-
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	473.9	-
Settleable Solids	mg/l	Imhoff cone	20.0	-
Sulfide	mg/l	Iodometric Method	NOT DETECTED	-
TKN	mg/l	Semi-Micro Kjeldahl Method	61.6	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	460	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Turbid Sediment : Black	

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

Standard: Notification of the Ministry of Natural Resources and Environment, Subject: Establish control standards Drainage of wastewater from certain types and buildings of certain sizes, dated November 7, 2005, announced in the Government Gazette, Volume 122, Chapter 125 D, dated 29 December 2005.

Definition *: The test was subcontracted to another laboratory

Remark: *Bold-Italic* number meaning the value out of regulatory standard range



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๑-295

Laboratory Manager: _____

(Dr. Angsana Romsaiyud)

๑-295-๑-0002

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.

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 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-23-J2425

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			ข้อบังคับชุดที่ 2	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	14.4	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	7.8	≤ 20
pH	-	Electrometric Method	7.2 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	15.3	≤40
Settleable Solids	mg/l	Imhoff cone	<0.1	≤0.5
Sulfide	mg/l	Iodometric Method	NOT DETECTED	≤1.0
TKN	mg/l	Semi-Micro Kjeldahl Method	28.8	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	350	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Cloudy	
			Sediment : A Bit	

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

Standard: Notification of the Ministry of Natural Resources and Environment, Subject: Establish control standards Drainage of wastewater from certain types and buildings of certain sizes, dated November 7, 2005, announced in the Government Gazette, Volume 122, Chapter 125 D, dated 29 December 2005.

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Laboratory Manager:


 (Dr. Angsana Romsaiyud)
 ว-295-ค-0002

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 SAMPLING SOURCE : Ideo Blucove Sukhumvit Condominium Juristic Person
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J0862
 SAMPLING DATE : July 7, 2023 RECEIVED DATE : July 8, 2023
 SAMPLING TIME : 14.50 Hour ANALYTICAL DATE : July 8 - 19, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-23-J2426

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อน้ำบาดาลชุดที่ 3	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	15.3	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	8.4	≤20
pH	-	Electrometric Method	7.7 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	22.5	≤40
Settleable Solids	mg/l	Imhoff cone	<0.1	≤0.5
Sulfide	mg/l	Iodometric Method	NOT DETECTED	≤1.0
TKN	mg/l	Semi-Micro Kjeldahl Method	33.2	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	378	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
<u>SAMPLE CONDITION</u>		Sample Color / Turbid : Yellow / Turbid Sediment : A Bit		

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

Standard: Notification of the Ministry of Natural Resources and Environment, Subject: Establish control standards Drainage of wastewater from certain types and buildings of certain sizes, dated November 7, 2005, announced in the Government Gazette, Volume 122, Chapter 125 D, dated 29 December 2005.

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Laboratory Manager:


 (Dr. Angsana Romsaiyud)
 ว-295-ค-0002

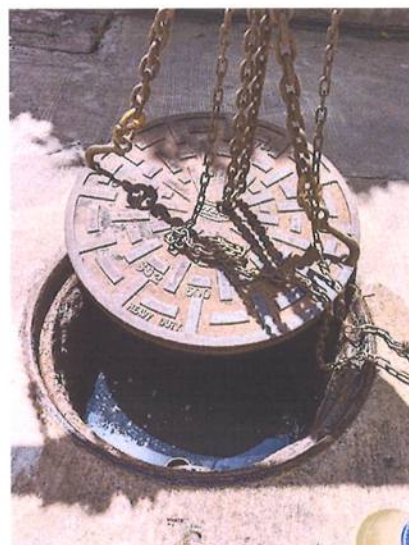
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Figure of sample

1. Influent



2. Effluent



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

(Signature)
(Dr. Angsana Romsaiyud)
ว-295-ค-0002

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Figure of sample

3. ป่อหนอง



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Laboratory Manager:

(Dr. Angsana Romsaiyud)

ว-295-ค-0002

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 SAMPLING SOURCE : Ideo Blucove Sukhumvit Condominium Juristic Person
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J1014
 SAMPLING DATE : August 10, 2023 RECEIVED DATE : August 11, 2023
 SAMPLING TIME : 13.00 Hour ANALYTICAL DATE : August 11 - 21, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (๖-295-๖-0004) WORK NO. : Ww-23-J2861

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY
			บ่อเกราะ	STANDARD
BOD	mg/l	5-Day BOD Test, Azide Modification Method	335.0	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	25.8	-
pH	-	Electrometric Method	7.1 (25°C)	-
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	44.4	-
Settleable Solids	mg/l	Imhoff cone	<0.1	-
Sulfide	mg/l	Iodometric Method	0.10	-
TKN	mg/l	Semi-Micro Kjeldahl Method	65.0	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	394	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Turbid	
			Sediment : A Bit	

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

Standard: Notification of the Ministry of Natural Resources and Environment, Subject: Establish control standards Drainage of wastewater from certain types and buildings of certain sizes, dated November 7, 2005, announced in the Government Gazette, Volume 122, Chapter 125 D, dated 29 December 2005.

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ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๖-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)

๖-295-๖-0002

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 SAMPLING DATE : August 10, 2023 RECEIVED DATE : August 11, 2023
 SAMPLING TIME : 13.00 Hour ANALYTICAL DATE : August 11 - 21, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (๖-295-๖-0004) WORK NO. : Ww-23-J2862

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อน้ำบาดาลที่ 2	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	19.5	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	18.2	≤ 20
pH	-	Electrometric Method	7.2 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	14.1	≤40
Settleable Solids	mg/l	Imhoff cone	NOT DETECTED	≤0.5
Sulfide	mg/l	Iodometric Method	NOT DETECTED	≤1.0
TKN	mg/l	Semi-Micro Kjeldahl Method	34.7	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	394	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	160,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Turbid	
			Sediment : -	

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

Standard: Notification of the Ministry of Natural Resources and Environment, Subject: Establish control standards Drainage of wastewater from certain types and buildings of certain sizes, dated November 7, 2005, announced in the Government Gazette, Volume 122, Chapter 125 D, dated 29 December 2005.

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 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (จ-295-จ-0004) WORK NO. : Ww-23-J2863

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อน้ำบาดาลชุดที่ 3	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	17.3	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	8.4	≤20
pH	-	Electrometric Method	7.6 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	13.5	≤40
Settleable Solids	mg/l	Imhoff cone	NOT DETECTED	≤0.5
Sulfide	mg/l	Iodometric Method	NOT DETECTED	≤1.0
TKN	mg/l	Semi-Micro Kjeldahl Method	30.2	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	420	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	35,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Cloudy Sediment : -	

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

Standard: Notification of the Ministry of Natural Resources and Environment, Subject: Establish control standards Drainage of wastewater from certain types and buildings of certain sizes, dated November 7, 2005, announced in the Government Gazette, Volume 122, Chapter 125 D, dated 29 December 2005.

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Figure of sample

1. Influent



2. Effluent



Figure of sample

3. บ่อหนอง



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 SAMPLING SOURCE : Ideo Blucove Sukhumvit Condominium Juristic Person
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J1123
 SAMPLING DATE : September 7, 2023 RECEIVED DATE : September 8, 2023
 SAMPLING TIME : 15.10 Hour ANALYTICAL DATE : September 8 - 17, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (๖-295-๖-0004) WORK NO. : Ww-23-J3115

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อเกรอะ	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	280	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	24.6	-
pH	-	Electrometric Method	7.1 (25°C)	-
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	304.2	-
Settleable Solids	mg/l	Imhoff cone	14.0	-
Sulfide	mg/l	Iodometric Method	NOT DETECTED	-
TKN	mg/l	Semi-Micro Kjeldahl Method	68.3	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	400	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Turbid	
			Sediment : Black	

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

Standard: Notification of the Ministry of Natural Resources and Environment, Subject: Establish control standards Drainage of wastewater from certain types and buildings of certain sizes, dated November 7, 2005, announced in the Government Gazette, Volume 122, Chapter 125 D, dated 29 December 2005.

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Laboratory Manager:


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 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (๖-295-๖-0004) WORK NO. : Ww-23-J3116

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อน้ำบาดาลที่ 2	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	18.3	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	10.6	≤ 20
pH	-	Electrometric Method	7.1 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	17.0	≤40
Settleable Solids	mg/l	Imhoff cone	<0.1	≤0.5
Sulfide	mg/l	Iodometric Method	NOT DETECTED	≤1.0
TKN	mg/l	Semi-Micro Kjeldahl Method	34.2	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	408	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	92,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Turbid	
			Sediment : White	

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

Standard: Notification of the Ministry of Natural Resources and Environment, Subject: Establish control standards Drainage of wastewater from certain types and buildings of certain sizes, dated November 7, 2005, announced in the Government Gazette, Volume 122, Chapter 125 D, dated 29 December 2005.


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 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J1123
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 SAMPLING BY : Praphan Wongjaesem (๖-295-๖-0004) WORK NO. : Ww-23-J3117

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อน้ำบาดาลชุดที่ 3	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	18.0	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	8.0	≤20
pH	-	Electrometric Method	7.7 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	8.1	≤40
Settleable Solids	mg/l	Imhoff cone	< 0.1	≤0.5
Sulfide	mg/l	Iodometric Method	NOT DETECTED	≤1.0
TKN	mg/l	Semi-Micro Kjeldahl Method	29.7	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	416	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	<160,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Turbid	
			Sediment : -	

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

Standard: Notification of the Ministry of Natural Resources and Environment, Subject: Establish control standards Drainage of wastewater from certain types and buildings of certain sizes, dated November 7, 2005, announced in the Government Gazette, Volume 122, Chapter 125 D, dated 29 December 2005.

Definition *: The test was subcontracted to another laboratory

Remark: *Bold-Italic* number meaning the value out of regulatory standard range



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๖-295

Laboratory Manager:


 (Dr. Angsana Romsaiyud)
 ๖-295-๖-0002

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.

Figure of sample

1. Influent



2. Effluent



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager: _____


(Dr. Angsana Romsaiyud)
ว-295-ค-0002

Remark: 1) The above results are valid only for the analyzed / tested sample (s) as indicated in this report only.
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Figure of sample

3. ป่อหนอง



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ จ-295

Laboratory Manager: _____

(Signature)
(Dr. Angsana Romsaiyud)
จ-295-ค-0002

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Ecotech Water Systems Co., Ltd.

Report for Sample Analysis Of

Ideo Blucove Sukhumvit Condominium

Juristic Person

(October 2023, 8/12)

Ecotech Water Systems Co., Ltd.

20 Soi Kheharomklao 74 Yaek 6, Ratphatthana, Saphansung, Bangkok 10240;

Tel: (66)2-108 6468-9; Fax: (66)2-061 2809

www.ecotechthailand.com / www.ecoilab.com

Report for Sample Analysis

CUSTOMER NAME : Ideo Blucove Sukhumvit Condominium Juristic Person
 ADDRESS : 2952 Sukhumvit Road, Bangna, Bangkok 10260
 CONTACT DETAILS : คุณสุพจน์ วงศ์ตั้ง TEL : 099 223 3022 , 02 173 5902 e-mail : Supot.theworks@ananda.co.th
 SAMPLING SOURCE : Ideo Blucove Sukhumvit Condominium Juristic Person
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J1273
 SAMPLING DATE : October 12, 2023 RECEIVED DATE : October 14, 2023
 SAMPLING TIME : 14.30 Hour ANALYTICAL DATE : October 14 - 23, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (๖-295-๖-0004) WORK NO. : Ww-23-J3557

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อเกรอะ	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	120.0	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	-
pH	-	Electrometric Method	7.1 (25°C)	-
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	33.3	-
Settleable Solids	mg/l	Imhoff cone	<0.1	-
Sulfide	mg/l	Iodometric Method	NOT DETECTED	-
TKN*	mg/l	Semi-Micro Kjeldahl Method	67.9	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	290	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Turbid	
			Sediment : Black	

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

Standard: Notification of the Ministry of Natural Resources and Environment, Subject: Establish control standards Drainage of wastewater from certain types and buildings of certain sizes, dated November 7, 2005, announced in the Government Gazette, Volume 122, Chapter 125 D, dated 29 December 2005.

Definition *: The test was subcontracted to another laboratory

Remark: *Bold-Italic* number meaning the value out of regulatory standard range



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๖-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)

๖-295-๖-0002

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Report for Sample Analysis

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 CONTACT DETAILS : คุณสุพจน์ ว่างดัง TEL : 099 223 3022 , 02 173 5902 e-mail : Supot.theworks@ananda.co.th
 SAMPLING SOURCE : Ideo Blucove Sukhumvit Condominium Juristic Person
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J1273
 SAMPLING DATE : October 12, 2023 RECEIVED DATE : October 14, 2023
 SAMPLING TIME : 14.30 Hour ANALYTICAL DATE : October 14 - 23, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (๑-295-๑-0004) WORK NO. : Ww-23-J3558

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY
			บ่อน้ำบาดาลชุดที่ 2	STANDARD
BOD	mg/l	5-Day BOD Test, Azide Modification Method	18.9	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	≤ 20
pH	-	Electrometric Method	7.0 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	25.5	≤40
Settleable Solids	mg/l	Imhoff cone	<0.1	≤0.5
Sulfide	mg/l	Iodometric Method	NOT DETECTED	≤1.0
TKN*	mg/l	Semi-Micro Kjeldahl Method	34.6	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	338	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	54,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Turbid	
			Sediment : Black	

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

Standard: Notification of the Ministry of Natural Resources and Environment, Subject: Establish control standards Drainage of wastewater from certain types and buildings of certain sizes, dated November 7, 2005, announced in the Government Gazette, Volume 122, Chapter 125 D, dated 29 December 2005.

Definition *: The test was subcontracted to another laboratory

Remark: *Bold-Italic* number meaning the value out of regulatory standard range



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๑-295

Laboratory Manager:

(Dr. Angana Romsaiyud)

๑-295-๑-0002

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 CONTACT DETAILS : คุณสุพจน์ วังสตัน TEL : 099 223 3022 , 02 173 5902 e-mail : Supot.theworks@ananda.co.th
 SAMPLING SOURCE : Ideo Blucove Sukhumvit Condominium Juristic Person
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J1273
 SAMPLING DATE : October 12, 2023 RECEIVED DATE : October 14, 2023
 SAMPLING TIME : 14.30 Hour ANALYTICAL DATE : October 14 - 23, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-23-J3559

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อน้ำบาดาลที่ 3	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	18.3	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	≤20
pH	-	Electrometric Method	7.4 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	13.1	≤40
Settleable Solids	mg/l	Imhoff cone	< 0.1	≤0.5
Sulfide	mg/l	Iodometric Method	NOT DETECTED	≤1.0
TKN*	mg/l	Semi-Micro Kjeldahl Method	29.9	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	438	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Clear	
			Sediment : A bid	

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

Standard: Notification of the Ministry of Natural Resources and Environment, Subject: Establish control standards Drainage of wastewater from certain types and buildings of certain sizes, dated November 7, 2005, announced in the Government Gazette, Volume 122, Chapter 125 D, dated 29 December 2005.

Definition *: The test was subcontracted to another laboratory

Remark: *Bold-Italic* number meaning the value out of regulatory standard range



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager: _____

(Dr. Angsana Romsaiyud)

ว-295-ค-0002

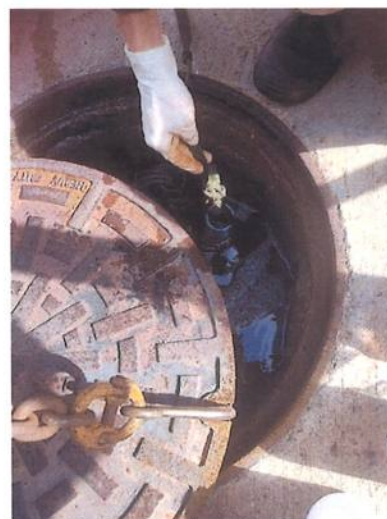
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Figure of sample

1. Influent



2. Effluent



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

Ang K
(Dr. Angsana Romsaiyud)
ว-295-ค-0002

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Figure of sample

3. บ่อท่อน้ำ



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)
ว-295-ค-0002

- Remark:
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Ecotech Water Systems Co., Ltd.

Report for Sample Analysis Of

Ideo Blucove Sukhumvit Condominium

Juristic Person

(November 2023, 9/12)

Ecotech Water Systems Co., Ltd.

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Tel: (66)2-108 6468-9; Fax: (66)2-061 2809

www.ecotechthailand.com / www.ecoilab.com

Report for Sample Analysis

CUSTOMER NAME : Ideo Blucove Sukhumvit Condominium Juristic Person
 ADDRESS : 2952 Sukhumvit Road, Bangna, Bangkok 10260
 CONTACT DETAILS : คุณสุพจน์ วัจดัง TEL : 099 223 3022 , 02 173 5902 e-mail : Supot.theworks@ananda.co.th
 SAMPLING SOURCE : Ideo Blucove Sukhumvit Condominium Juristic Person
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J1364
 SAMPLING DATE : November 9, 2023 RECEIVED DATE : November 10, 2023
 SAMPLING TIME : 15.00 Hour ANALYTICAL DATE : November 10-19, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (๑-295-๑-0004) WORK NO. : Ww-23-J3798

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อเกรอะ	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	240.0	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	-
pH	-	Electrometric Method	7.1 (25°C)	-
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	274.2	-
Settleable Solids	mg/l	Imhoff cone	16.0	-
Sulfide	mg/l	Iodometric Method	NOT DETECTED	-
TKN	mg/l	Semi-Micro Kjeldahl Method	83.3	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	206	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Turbid Sediment : Black	

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

Standard: Notification of the Ministry of Natural Resources and Environment, Subject: Establish control standards Drainage of wastewater from certain types and buildings of certain sizes, dated November 7, 2005, announced in the Government Gazette, Volume 122, Chapter 125 D, dated 29 December 2005.

Definition *: The test was subcontracted to another laboratory

Remark: *Bold-Italic* number meaning the value out of regulatory standard range

*ค่า TDS ของน้ำเสีย บ่อเกรอะ (316) ลบ ค่า TDS ของน้ำประปา (110)



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๑-295

Laboratory Manager: _____

(Dr. Angsana Romsaiyud)

๑-295-๑-0002

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Report for Sample Analysis

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 ADDRESS : 2952 Sukhumvit Road, Bangna, Bangna, Bangkok 10260
 CONTACT DETAILS : คุณสุพจน์ ว่างตัง TEL : 099 223 3022 , 02 173 5902 e-mail : Supot.theworks@ananda.co.th
 SAMPLING SOURCE : Ideo Blucove Sukhumvit Condominium Juristic Person
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J1364
 SAMPLING DATE : November 9, 2023 RECEIVED DATE : November 10, 2023
 SAMPLING TIME : 15.00 Hour ANALYTICAL DATE : November 10-19, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (๓-295-๑-0004) WORK NO. : Ww-23-J3799

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อน้ำบาดาลชุดที่ 2	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	15.8	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	≤ 20
pH	-	Electrometric Method	7.0 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	7.8	≤40
Settleable Solids	mg/l	Imhoff cone	<0.1	≤0.5
Sulfide	mg/l	Iodometric Method	NOT DETECTED	≤1.0
TKN	mg/l	Semi-Micro Kjeldahl Method	67.2	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	220	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Turbid	
			Sediment : A bit	

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

Standard: Notification of the Ministry of Natural Resources and Environment, Subject: Establish control standards Drainage of wastewater from certain types and buildings of certain sizes, dated November 7, 2005, announced in the Government Gazette, Volume 122, Chapter 125 D, dated 29 December 2005.

Definition *: The test was subcontracted to another laboratory

Remark: *Bold-Italic* number meaning the value out of regulatory standard range

*ค่า TDS ของน้ำเสีย บ่อน้ำบาดาลชุดที่ 2 (330) ลบ ค่า TDS ของน้ำประปา (110)



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๑-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)

๑-295-๑-0002

Remark: 1) The above results are valid only for the analyzed / tested sample (s) as indicated in this report only.

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Report for Sample Analysis

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 ADDRESS : 2952 Sukhumvit Road, Bangna, Bangkok 10260
 CONTACT DETAILS : คุณสุพจน์ วังศ์ตั้ง TEL : 099 223 3022 , 02 173 5902 e-mail : Supot.theworks@ananda.co.th
 SAMPLING SOURCE : Ideo Blucove Sukhumvit Condominium Juristic Person
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J1364
 SAMPLING DATE : November 9, 2023 RECEIVED DATE : November 10, 2023
 SAMPLING TIME : 15.00 Hour ANALYTICAL DATE : November 10-19, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (๗-295-๙-0004) WORK NO. : Ww-23-J3800

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อน้ำบาดาลชุดที่ 3	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	18.0	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	NOT DETECTED	≤20
pH	-	Electrometric Method	7.5 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	9.4	≤40
Settleable Solids	mg/l	Imhoff cone	< 0.1	≤0.5
Sulfide	mg/l	Iodometric Method	NOT DETECTED	≤1.0
TKN	mg/l	Semi-Micro Kjeldahl Method	28.0	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	336	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
<u>SAMPLE CONDITION</u>		Sample Color / Turbid : Yellow / Turbid Sediment : A bit		

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

Standard: Notification of the Ministry of Natural Resources and Environment, Subject: Establish control standards Drainage of wastewater from certain types and buildings of certain sizes, dated November 7, 2005, announced in the Government Gazette, Volume 122, Chapter 125 D, dated 29 December 2005.

Definition *: The test was subcontracted to another laboratory

Remark: *Bold-Italic* number meaning the value out of regulatory standard range

*ค่า TDS ของน้ำเสีย บ่อน้ำบาดาลชุดที่ 3 (446) ลบ ค่า TDS ของน้ำประปา (110)



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๖-295

Laboratory Manager:

(Dr. Angana Romsaiyud)

๖-295-๙-0002

Remark: 1) The above results are valid only for the analyzed / tested sample (s) as indicated in this report only.

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Figure of sample

1. Influent



2. Effluent



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager: _____

Ang R
(Dr. Angsana Romsaiyud)
ว-295-ค-0002

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Figure of sample

3. ป่อหนอง



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ จ-295

Laboratory Manager: _____

(Dr. Angana Romsaiyud)

จ-295-ค-0002

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Ecotech Water Systems Co., Ltd.

Report for Sample Analysis Of

Ideo Blucove Sukhumvit Condominium

Juristic Person

(December 2023, 10/12)

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Report for Sample Analysis

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 CONTACT DETAILS : คุณสุพจน์ วังสตัด TEL : 099 223 3022 , 02 173 5902 e-mail : Supot.theworks@ananda.co.th
 SAMPLING SOURCE : Ideo Blucove Sukhumvit Condominium Juristic Person
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J1482
 SAMPLING DATE : December 7, 2023 RECEIVED DATE : December 8, 2023
 SAMPLING TIME : 15.00 Hour ANALYTICAL DATE : December 8-18 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (๖-295-๖-0004) WORK NO. : Ww-23-J4115

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อเกราะ	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	177.5	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	9.8	-
pH	-	Electrometric Method	7.0 (25°C)	-
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	25.0	-
Settleable Solids	mg/l	Imhoff cone	0.5	-
Sulfide	mg/l	Iodometric Method	NOT DETECTED	-
TKN*	mg/l	Semi-Micro Kjeldahl Method	60.8	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	67	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
SAMPLE CONDITION		Sample Color / Turbid : Yellow / Turbid Sediment : Black		

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

Standard: Notification of the Ministry of Natural Resources and Environment, Subject: Establish control standards Drainage of wastewater from certain types and buildings of certain sizes, dated November 7, 2005, announced in the Government Gazette, Volume 122, Chapter 125 D, dated 29 December 2005.

Definition *: The test was subcontracted to another laboratory

Remark: *Bold-Italic* number meaning the value out of regulatory standard range

*ค่า TDS ของน้ำเสีย บ่อเกราะ (297) ลบ ค่า TDS ของน้ำประปา (230)



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๖-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)
๖-295-๖-0002

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 SAMPLING DATE : December 7, 2023 RECEIVED DATE : December 8, 2023
 SAMPLING TIME : 15.00 Hour ANALYTICAL DATE : December 8-18 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (๑-295-๑-0004) WORK NO. : Ww-23-J4116

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อน้ำบาดาลชุดที่ 2	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	26.5	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	6.0	≤ 20
pH	-	Electrometric Method	7.0 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	12.8	≤40
Settleable Solids	mg/l	Imhoff cone	<0.1	≤0.5
Sulfide	mg/l	Iodometric Method	NOT DETECTED	≤1.0
TKN*	mg/l	Semi-Micro Kjeldahl Method	59.2	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	50	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Cloudy	
			Sediment : A bit	

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

Standard: Notification of the Ministry of Natural Resources and Environment, Subject: Establish control standards Drainage of wastewater from certain types and buildings of certain sizes, dated November 7, 2005, announced in the Government Gazette, Volume 122, Chapter 125 D, dated 29 December 2005.

Definition *: The test was subcontracted to another laboratory

Remark: *Bold-Italic* number meaning the value out of regulatory standard range

*ค่า TDS ของน้ำเสีย บ่อน้ำบาดาลชุดที่ 2 (297) ลบ ค่า TDS ของน้ำประปา (230)



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๑-295

Laboratory Manager:


 (Dr. Angsana Romsaiyud)
 ๑-295-๑-0002

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.

Report for Sample Analysis

CUSTOMER NAME : Ideo Blucove Sukhumvit Condominium Juristic Person
 ADDRESS : 2952 Sukhumvit Road, Bangna, Bangkok 10260
 CONTACT DETAILS : คุณสุพจน์ วังสตัน TEL : 099 223 3022 , 02 173 5902 e-mail : Supot.theworks@ananda.co.th
 SAMPLING SOURCE : Ideo Blucove Sukhumvit Condominium Juristic Person
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J1482
 SAMPLING DATE : December 7, 2023 RECEIVED DATE : December 8, 2023
 SAMPLING TIME : 15.00 Hour ANALYTICAL DATE : December 8-18 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-23-J4117

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อน้ำบาดาลที่ 3	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	28.0	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	≤20
pH	-	Electrometric Method	7.6 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	16.0	≤40
Settleable Solids	mg/l	Imhoff cone	< 0.1	≤0.5
Sulfide	mg/l	Iodometric Method	NOT DETECTED	≤1.0
TKN*	mg/l	Semi-Micro Kjeldahl Method	43.9	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	28	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Cloudy Sediment : A bit	

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

Standard: Notification of the Ministry of Natural Resources and Environment, Subject: Establish control standards Drainage of wastewater from certain types and buildings of certain sizes, dated November 7, 2005, announced in the Government Gazette, Volume 122, Chapter 125 D, dated 29 December 2005.

Definition *: The test was subcontracted to another laboratory

Remark: *Bold-Italic* number meaning the value out of regulatory standard range

*ค่า TDS ของน้ำเสีย บ่อน้ำบาดาลที่ 3 (258) ลบ ค่า TDS ของน้ำประปา (230)



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:


 (Dr. Angsana Romsaiyud)
 ว-295-ค-0002

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.

Figure of sample

1. Influent



2. Effluent



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)

ว-295-ค-0002

Remark: 1) The above results are valid only for the analyzed / tested sample (s) as indicated in this report only.
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Figure of sample

3. ป่อหนอง



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager: _____

(Dr. Angsana Romsaiyud)

ว-295-ค-0002

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.