



Ecotech Water Systems Co., Ltd.

Report for Sample Analysis

Of

นิติบุคคลอาคารชุด ไอดีโอ

สุขุมวิท 115

(July 2022, 7/12)

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 : นิติบุคคลอาคารชุด ไอทีโอ สุขุมวิท 115
 ADDRESS : 234 ม.4 ต.เทพารักษ์ อ.เมืองสมุทรปราการ จ.สมุทรปราการ 10270
 CONTACT DETAILS : คุณ สุรัชย์ TEL: 064 983 6659 E-mail: Nitiideo.s115@gmail.com
 SAMPLING SOURCE : นิติบุคคลอาคารชุด ไอทีโอ สุขุมวิท 115
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-22-J0621
 SAMPLING DATE : July 01, 2022 RECEIVED DATE : July 02, 2022
 SAMPLING TIME : 10.30 Hour ANALYTICAL DATE : July 02 - 11, 2022
 SAMPLING METHOD : Grab QUOTATION NO. : QL/21/0410/W/Pw
 SAMPLING BY : Anurak Tantrasai (๖-295-๑-0001) WORK NO. : Ww-22-J1500

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Influent	
BOD	mg/l	Azide Modification Method	192.5	-
Grease and Oil	mg/l	Partial-Gravimetric Method	<LOD (1.6)	-
pH	-	Electrometric Method	6.3 (pH 25°C)	-
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	30.0	-
Settleable Solids	mg/l	Imhoff cone	<0.1	-
Sulfide	mg/l	Iodometric Method	<LOD (0.00)	-
TKN	mg/l	Total Kjeldahl Nitrogen	19.0	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	412	-
Total Coliform Bacteria	MPN/100	Multiple Tube Fermentation Technique	>160,000	-
<u>SAMPLE CONDITION</u>			Sample Color / Turbid : Yellow / Clear	
			Sediment : Yellow	

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 Influent (450) ลง ค่า TDS ของน้ำประปา(295)



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๖-295

Laboratory Manager:


 (Dr. Angsana Romsaiyud)
 ๖-295-๑-8288

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.

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 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-22-J0621
 SAMPLING DATE : July 01, 2022 RECEIVED DATE : July 02, 2022
 SAMPLING TIME : 10.30 Hour ANALYTICAL DATE : July 02 – 11, 2022
 SAMPLING METHOD : Grab QUOTATION NO. : QL/21/0410/W/Pw
 SAMPLING BY : Anurak Tantrasai (๖-295-๖-0001) WORK NO. : Ww-22-J1501

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Effluent	
BOD	mg/l	Azide Modification Method	16.0	< 20
Grease and Oil	mg/l	Partial-Gravimetric Method	<LOD (1.4)	< 20.0
pH	-	Electrometric Method	7.4 (pH 25°C)	5.0-9.0
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	4.0	< 30
Settleable Solids	mg/l	Imhoff cone	<0.1	< 0.5
Sulfide	mg/l	Iodometric Method	<LOD (0.00)	< 1.0
TKN	mg/l	Total Kjeldahl Nitrogen	7.3	< 35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	288	< 500
Total Coliform Bacteria	MPN/100	Multiple Tube Fermentation Technique	54,000	-
<u>SAMPLE CONDITION</u>			Sample Color / Turbid : Colourless / Clear	
			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

*ค่า TDS ของน้ำเสีย Effluent (528) เกิน ค่า TDS ของน้ำประปา(295)



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๖-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)

๖-295-๖-8288

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Figure of sample

1. Influent



2. Effluent



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๖-295

Laboratory Manager: _____

(Signature)
(Dr. Angsana Romsaiyud)
๖-295-ค-8288

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Report for Sample Analysis

Of

นิติบุคคลอาคารชุด ไอดีโอ

สุขุมวิท 115

(August 2022, 8/12)

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 SAMPLING SOURCE : นิติบุคคลอาคารชุด ไอดีโอ สุขุมวิท 115
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-22-J0728
 SAMPLING DATE : August 3, 2022 RECEIVED DATE : August 4, 2022
 SAMPLING TIME : 10.50 Hour ANALYTICAL DATE : August 4 - 14, 2022
 SAMPLING METHOD : Grab QUOTATION NO. : QL/21/0410/W/Pw
 SAMPLING BY : Anurak Tantrasai (๗-295-๙-0001) WORK NO. : Ww-22-J1745

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Influent	
BOD	mg/l	Azide Modification Method	135.0	-
Grease and Oil	mg/l	Partial-Gravimetric Method	<LOD (2.4)	-
pH	-	Electrometric Method	5.6 (pH 25°C)	-
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	38.7	-
Settleable Solids	mg/l	Imhoff cone	<0.1	-
Sulfide	mg/l	Iodometric Method	0.80	-
TKN	mg/l	Total Kjeldahl Nitrogen	14.0	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	406	-
Total Coliform Bacteria	MPN/100	Multiple Tube Fermentation Technique	>160,000	-
<u>SAMPLE CONDITION</u>			Sample Color / Turbid : Yellow / Slightly 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.

Definition *: The test was subcontracted to another laboratory

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ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๗-295

Laboratory Manager:


 (Dr. Angsana Romsaiyud)
 ๗-295-๙-8288

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SAMPLING SOURCE : นิติบุคคลอาคารชุด ไอดีโอ สุขุมวิท 115
SAMPLE TYPE/NAME : Waste Water **REPORT NO.** : JEX-Ww-22-J0728
SAMPLING DATE : August 3, 2022 **RECEIVED DATE** : August 4, 2022
SAMPLING TIME : 10.50 Hour **ANALYTICAL DATE** : August 4 - 14, 2022
SAMPLING METHOD : Grab **QUOTATION NO.** : QL/21/0410/W/Pw
SAMPLING BY : Anurak Tantrasai (๖-295-๖-0001) **WORK NO.** : Ww-22-J1746

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Effluent	
BOD	mg/l	Azide Modification Method	12.0	< 20
Grease and Oil	mg/l	Partial-Gravimetric Method	<LOD (1.0)	< 20.0
pH	-	Electrometric Method	7.2 (pH 25°C)	5.0-9.0
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	13.5	< 30
Settleable Solids	mg/l	Imhoff cone	<0.1	< 0.5
Sulfide	mg/l	Iodometric Method	0.4	< 1.0
TKN	mg/l	Total Kjeldahl Nitrogen	7.8	< 35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	376	< 500
Total Coliform Bacteria	MPN/100	Multiple Tube Fermentation Technique	5,400	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Clear	
			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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ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๖-295

Laboratory Manager:


 (Dr. Angsana Romsaiyud)
 ๖-295-๖-8288

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Figure of sample

1. Influent



2. Effluent



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Laboratory Manager:

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SAMPLING SOURCE : นิติบุคคลอาคารชุด ไอทีโอ สุขุมวิท 115
SAMPLE TYPE/NAME : Waste Water **REPORT NO.** : JEX-Ww-22-J0841
SAMPLING DATE : September 1, 2022 **RECEIVED DATE** : September 2, 2022
SAMPLING TIME : 11.00 Hour **ANALYTICAL DATE** : September 2 - 12, 2022
SAMPLING METHOD : Grab **QUOTATION NO.** : QU/21/0410/W/Pw
SAMPLING BY : Anurak Tantrasai (๖-295-๙-๐๐๐1) **WORK NO.** : Ww-22-J2001

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Influent	
BOD	mg/l	Azide Modification Method	215.0	-
Grease and Oil	mg/l	Partial-Gravimetric Method	3.0	-
pH	-	Electrometric Method	7.0 (pH 25°C)	-
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	460.0	-
Settleable Solids	mg/l	Imhoff cone	<0.1	-
Sulfide	mg/l	Iodometric Method	1.20	-
TKN	mg/l	Total Kjeldahl Nitrogen	63.8	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	344	-
Total Coliform Bacteria	MPN/100	Multiple Tube Fermentation Technique	>160,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Cloudy	
			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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SAMPLE TYPE/NAME : Waste Water **REPORT NO.** : JEX-Ww-22-J0841
SAMPLING DATE : September 1, 2022 **RECEIVED DATE** : September 2, 2022
SAMPLING TIME : 11.00 Hour **ANALYTICAL DATE** : September 2 - 12, 2022
SAMPLING METHOD : Grab **QUOTATION NO.** : QL/21/0410/W/Pw
SAMPLING BY : Anurak Tantrasai (๖-295-๖-0001) **WORK NO.** : Ww-22-J2002

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY
			Effluent	STANDARD
BOD	mg/l	Azide Modification Method	19.5	≤ 20
Grease and Oil	mg/l	Partial-Gravimetric Method	<LOD (2.6)	≤ 20.0
pH	-	Electrometric Method	6.9 (pH 25°C)	5.0-9.0
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	29.5	≤ 30
Settleable Solids	mg/l	Imhoff cone	<0.1	≤ 0.5
Sulfide	mg/l	Iodometric Method	<LOD(0.00)	≤ 1.0
TKN	mg/l	Total Kjeldahl Nitrogen	30.2	≤ 35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	341	≤ 500
Total Coliform Bacteria	MPN/100	Multiple Tube Fermentation Technique	>160,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Slightly Cloudy	
			Sediment : Black	

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

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Laboratory Manager:

(Dr. Angsana Romsaiyud)

๖-295-๖-8288

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Figure of sample

1. Influent



2. Effluent





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(October 2022, 10/12)

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 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-22-J0982
 SAMPLING DATE : October 7, 2022 RECEIVED DATE : October 8, 2022
 SAMPLING TIME : 09.40 Hour ANALYTICAL DATE : October 8 - 18, 2022
 SAMPLING METHOD : Grab QUOTATION NO. : QL/21/0410/W/Pw
 SAMPLING BY : Anurak Tantrasai (๖-295-๙-๐๐๐1) WORK NO. : Ww-22-J2422

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Influent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	106.0	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	3.0	-
pH	-	Electrometric Method	6.5 (25°C)	-
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	67.2	-
Settleable Solids	mg/l	Imhoff cone	< 0.1	-
Sulfide	mg/l	Iodometric Method	0.80	-
TKN	mg/l	Semi-Micro Kjeldahl Method	25.8	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	318	-
Total Coliform Bacteria*	MPN/100	Multiple Tube Fermentation Technique	>160,000	-
<u>SAMPLE CONDITION</u>			Sample Color / Turbid : Yellow / Clear	
			Sediment : Yellow	

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

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Laboratory Manager: _____

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SAMPLING DATE : October 7, 2022 **RECEIVED DATE** : October 8, 2022
SAMPLING TIME : 09.40 Hour **ANALYTICAL DATE** : October 8 - 18, 2022
SAMPLING METHOD : Grab **QUOTATION NO.** : QL/21/0410W/Pw
SAMPLING BY : Anurak Tantrasai (๖-295-๙-๐๐๐1) **WORK NO.** : Ww-22-J2423

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Effluent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	6.7	≤ 20
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOD (1.6)	≤ 20.0
pH	-	Electrometric Method	7.3 (25°C)	5.0-9.0
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	4.5	≤ 30
Settleable Solids	mg/l	Imhoff cone	< 0.1	≤ 0.5
Sulfide	mg/l	Iodometric Method	<LOD(0.00)	≤ 1.0
TKN	mg/l	Semi-Micro Kjeldahl Method	6.7	≤ 35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	452	≤ 500
Total Coliform Bacteria	MPN/100	Multiple Tube Fermentation Technique	35,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Clear	
			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



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๖-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)

๖-295-๙-8288

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.

Figure of sample

1. Influent



2. Effluent





Ecotech Water Systems Co., Ltd.

Report for Sample Analysis

Of

นิติบุคคลอาคารชุด ไอดีโอ

สุขุมวิท 115

(November 2022, 11/12)

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 : นิติบุคคลอาคารชุด ไอดีโอ สุขุมวิท 115
ADDRESS : 234 ม.4 ต.เทพารักษ์ อ.เมืองสมุทรปราการ จ.สมุทรปราการ 10270
CONTACT DETAILS : คุณ สุรัชย์ TEL: 064 983 6659 E-mail: Nitiideo.s115@gmail.com
SAMPLING SOURCE : นิติบุคคลอาคารชุด ไอดีโอ สุขุมวิท 115
SAMPLE TYPE/NAME : Waste Water **REPORT NO.** : JEX-Ww-22-J1083
SAMPLING DATE : November 2, 2022 **RECEIVED DATE** : November 3, 2022
SAMPLING TIME : 11.00 Hour **ANALYTICAL DATE** : November 3 - 15, 2022
SAMPLING METHOD : Grab **QUOTATION NO.** : QL/21/0410/W/Pw
SAMPLING BY : Anurak Tantrasai (๖-295-๙-๐๐๐1) **WORK NO.** : Ww-22-J2743

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Influent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	72	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ(5.0)	-
pH	-	Electrometric Method	6.8 (25°C)	-
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	52.9	-
Settleable Solids	mg/l	Imhoff cone	< 0.1	-
Sulfide	mg/l	Iodometric Method	<LOQ(1.0)	-
TKN	mg/l	Semi-Micro Kjeldahl Method	38.1	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	401.0	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	24,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Clear	
			Sediment : Yellow	

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)
 ๖-295-๙-๐๐๐2

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

CUSTOMER NAME : นิติบุคคลอาคารชุด ไอดีโอ สุขุมวิท 115
 ADDRESS : 234 ม.4 ต.เทพารักษ์ อ.เมืองสมุทรปราการ จ.สมุทรปราการ 10270
 CONTACT DETAILS : คุณ สุรัชย์ TEL: 064 983 6659 E-mail: Nitiideo.s115@gmail.com
 SAMPLING SOURCE : นิติบุคคลอาคารชุด ไอดีโอ สุขุมวิท 115
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-22-J1083
 SAMPLING DATE : November 2, 2022 RECEIVED DATE : November 3, 2022
 SAMPLING TIME : 11.00 Hour ANALYTICAL DATE : November 3 - 15, 2022
 SAMPLING METHOD : Grab QUOTATION NO. : QL/21/0410/W/Pw
 SAMPLING BY : Anurak Tantrasai (๖-295-๙-๐๐๐1) WORK NO. : Ww-22-J2744

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Effluent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	4.0	≤ 20
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ(5.0)	≤ 20.0
pH	-	Electrometric Method	7.2 (25°C)	5.0-9.0
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	3.6	≤ 30
Settleable Solids	mg/l	Imhoff cone	< 0.1	≤ 0.5
Sulfide	mg/l	Iodometric Method	<LOQ(1.0)	≤ 1.0
TKN	mg/l	Semi-Micro Kjeldahl Method	5.6	≤ 35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	433	≤ 500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	1,700	-
SAMPLE CONDITION			Sample Color / Turbid : Colorless / Clear	
			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



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๖-295

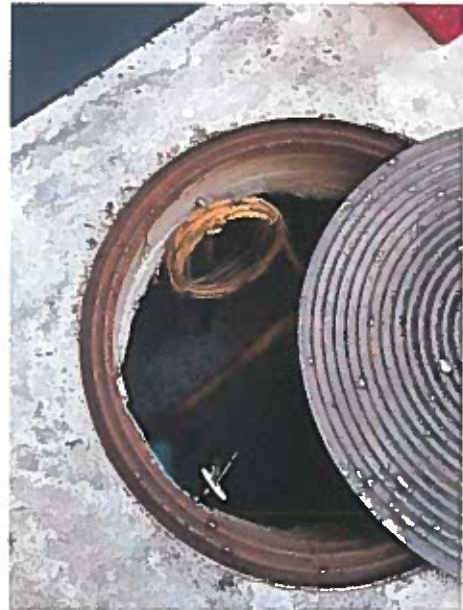
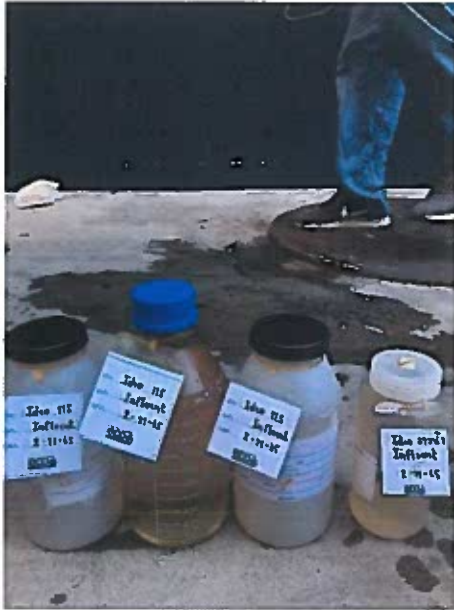
Laboratory Manager:


 (Dr. Angsana Romsaiyud)
 ๖-295-๙-๐๐๐2

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





Ecotech Water Systems Co., Ltd.

Report for Sample Analysis

Of

นิติบุคคลอาคารชุด ไอดีโอ

สุขุมวิท 115

(December 2022, 12/12)

Ecotech Water Systems Co., Ltd.

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Report for Sample Analysis

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 CONTACT DETAILS : คุณ สุรัชย์ TEL: 064 983 6659 E-mail: Nitiideo.s115@gmail.com
 SAMPLING SOURCE : นิติบุคคลอาคารชุด ไอดีโอ สุขุมวิท 115
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-22-J1294
 SAMPLING DATE : December 2, 2022 RECEIVED DATE : December 3, 2022
 SAMPLING TIME : 11.30 Hour ANALYTICAL DATE : December 3 - 15, 2022
 SAMPLING METHOD : Grab QUOTATION NO. : QL/21/0410/W/Pw
 SAMPLING BY : Anurak Tantrasai (๖-295-๙-๐๐๐1) WORK NO. : Ww-22-J3256

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Influent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	80.0	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	6.8	-
pH	-	Electrometric Method	7.0 (25°C)	-
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	184.0	-
Settleable Solids	mg/l	Imhoff cone	< 0.1	-
Sulfide	mg/l	Iodometric Method	<LOQ(1.0)	-
TKN	mg/l	Semi-Micro Kjeldahl Method	42.6	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	388	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	160,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Clear	
			Sediment : Brown	

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.

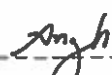
Definition *: The test was subcontracted to another laboratory

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



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๖-295

Laboratory Manager:


 (Dr. Angana Romsaiyud)
 ๖-295-๙-๐๐๐2

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 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-22-J1294
 SAMPLING DATE : December 2, 2022 RECEIVED DATE : December 3, 2022
 SAMPLING TIME : 11.30 Hour ANALYTICAL DATE : December 3 - 15, 2022
 SAMPLING METHOD : Grab QUOTATION NO. : QL/21/0410/W/Pw
 SAMPLING BY : Anurak Tantrasai (๗-295-๙-๐๐๐1) WORK NO. : Ww-22-J3257

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Effluent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	6.1	≤ 20
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ(5.0)	≤ 20.0
pH	-	Electrometric Method	7.6 (25°C)	5.0-9.0
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	9.6	≤ 30
Settleable Solids	mg/l	Imhoff cone	< 0.1	≤ 0.5
Sulfide	mg/l	Iodometric Method	<LOQ(1.0)	≤ 1.0
TKN	mg/l	Semi-Micro Kjeldahl Method	6.7	≤ 35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	495	≤ 500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	54,000	-
SAMPLE CONDITION			Sample Color / Turbid : Colorless / Clear	
			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 ๗-295

Laboratory Manager:


 (Dr. Angsana Romsaiyud)
 ๗-295-๙-๐๐๐2

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Figure of sample

1. Influent



2. Effluent

