



Ecotech Water Systems Co., Ltd.

# Report for Sample Analysis Of

## นิติบุคคลอาคารชุด ไฮดีโอ

### สุขุมวิท 115

(January 2023, 1/12)

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](http://www.ecotechthailand.com) / [www.ecoilab.com](http://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-23-J0056  
 SAMPLING DATE : January 13, 2023 RECEIVED DATE : January 14, 2023  
 SAMPLING TIME : 11.30 Hour ANALYTICAL DATE : January 14 - 21, 2023  
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0437/W/Pw  
 SAMPLING BY : Praphan Wongjaesem (๖-295-๖-0004) WORK NO. : Ww-23-J0220

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Influent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	70.0	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	9.4	-
pH	-	Electrometric Method	4.8 (25°C)	-
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	154.8	-
Settleable Solids	mg/l	Imhoff cone	1.6	-
Sulfide	mg/l	Iodometric Method	<LOQ(1.0)	-
TKN	mg/l	Semi-Micro Kjeldahl Method	46.5	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	555	-
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 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.  
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 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0437/NI/Pw  
 SAMPLING BY : Praphan Wongjaesem (ว-295-ก-0004) WORK NO. : Ww-23-J0221

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Effluent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	19.2	≤ 20
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ(5.0)	≤ 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	28.9	≤ 30
Settleable Solids	mg/l	Imhoff cone	0.5	≤ 0.5
Sulfide	mg/l	Iodometric Method	<LOQ(1.0)	≤ 1.0
TKN	mg/l	Semi-Micro Kjeldahl Method	25.8	≤ 35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	470	≤ 500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Clear	
			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 ว-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)

ว-295-ก-0002

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Figure of sample

1. Influent



2. Effluent



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Laboratory Manager: \_\_\_\_\_

(Dr. Angana Romsaiyud)

๖-295-๙-0002

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Ecotech Water Systems Co., Ltd.

# Report for Sample Analysis Of

นิติบุคคลอาคารชุด ไอดีโอ

สุขุมวิท 115

(February 2023, 2/12)

Ecotech Water Systems Co., Ltd.

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

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**ADDRESS** : 234 ม.4 ต.เทพารักษ์ อ.เมืองสมุทรปราการ จ.สมุทรปราการ 10270  
**CONTACT DETAILS** : คุณ สุรชัย 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-23-J0211  
**SAMPLING DATE** : February 16, 2023 **RECEIVED DATE** : February 17, 2023  
**SAMPLING TIME** : 11.30 Hour **ANALYTICAL DATE** : February 17 - 24, 2023  
**SAMPLING METHOD** : Grab **QUOTATION NO.** : QL/22/0437/W/Pw  
**SAMPLING BY** : Praphan Wongjaesem (๖-295-๖-0004) **WORK NO.** : Ww-23-J0657

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Influent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	48.0	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ(5.0)	-
pH	-	Electrometric Method	4.4 (25°C)	-
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	50.0	-
Settleable Solids	mg/l	Imhoff cone	<0.1	-
Sulfide	mg/l	Iodometric Method	<LOQ(1.0)	-
TKN	mg/l	Semi-Micro Kjeldahl Method	27.4	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	430	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	35,000	-
<b>SAMPLE CONDITION</b>			Sample Color / Turbid : Yellow / Clear	
			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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ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๖-295

Laboratory Manager: \_\_\_\_\_

(Dr. Angsana Romsaiyud)

๖-295-๖-0002

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 SAMPLING SOURCE : นิติบุคคลอาคารชุด ไอดีโอ สุขุมวิท 115  
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J0211  
 SAMPLING DATE : February 16, 2023 RECEIVED DATE : February 17, 2023  
 SAMPLING TIME : 11.30 Hour ANALYTICAL DATE : February 17 - 24, 2023  
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0437/W/Pw  
 SAMPLING BY : Praphan Wongjaesem (๖-295-๖-0004) WORK NO. : Ww-23-J0658

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Effluent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	19.5	≤ 20
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ(5.0)	≤ 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	28.7	≤ 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	11.2	≤ 35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	443	≤ 500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Clear	
			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. Anjana Romsaiyud)

๖-295-๖-0002

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Figure of sample

1. Influent



2. Effluent



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๖-295

Laboratory Manager:

(Dr. Angsana Romsalyud)

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# Report for Sample Analysis

Of

นิติบุคคลอาคารชุด ไอดีไอ

สุขุมวิท 115

(March 2023, 3/12)

Ecotech Water Systems Co., Ltd.

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

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## Report for Sample Analysis

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 SAMPLING SOURCE : นิติบุคคลอาคารชุด ไอดีโอ สุขุมวิท 115  
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J0358  
 SAMPLING DATE : March 16, 2023 RECEIVED DATE : March 17, 2023  
 SAMPLING TIME : 11.50 Hour ANALYTICAL DATE : March 17 - 24, 2023  
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0437W/Pw  
 SAMPLING BY : Praphan Wongjaesem (๖-295-๖-0004) WORK NO. : Ww-23-J1089

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Influent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	148.0	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	5.0	-
pH	-	Electrometric Method	7.2 (25°C)	-
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	41.0	-
Settleable Solids	mg/l	Imhoff cone	<0.1	-
Sulfide	mg/l	Iodometric Method	NOT DETECTED	-
TKN	mg/l	Semi-Micro Kjeldahl Method	34.2	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	415	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
<b>SAMPLE CONDITION</b>			Sample Color / Turbid : Yellow / Clear	
			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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ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๖-295

Laboratory Manager: \_\_\_\_\_

(Dr. Angsana Romsaiyud)

๖-295-๖-0002

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 SAMPLING SOURCE : นิติบุคคลอาคารชุด ไอดีโอ สุขุมวิท 115  
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J0358  
 SAMPLING DATE : March 16, 2023 RECEIVED DATE : March 17, 2023  
 SAMPLING TIME : 11.50 Hour ANALYTICAL DATE : March 17 - 24, 2023  
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0437/W/Pw  
 SAMPLING BY : Praphan Wongjaesem (ว-295-ก-0004) WORK NO. : Ww-23-J1090

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Effluent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	16.8	≤ 20
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ(5.0)	≤ 20.0
pH	-	Electrometric Method	7.0 (25°C)	5.0-9.0
Total Suspended	mg/l	Total Suspended Solids Dried at 103-105°C	47.8	≤ 30
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	25.2	≤ 35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	468	≤ 500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	54,000	-
<b>SAMPLE CONDITION</b>			Sample Color / Turbid : Yellow / Clear	
			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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ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

(Dr. Aogsana Romsaiyud)

ว-295-ก-0002

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Figure of sample

1. Influent



2. Effluent



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๖-295

Laboratory Manager: \_\_\_\_\_

*Ang R*  
(Dr. Arngana Romsaiyud)  
๖-295-๓-0002

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นิติบุคคลอาคารชุด ไอดีโอ

สุขุมวิท 115

(April 2023, 4/12)

Ecotech Water Systems Co., Ltd.

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 SAMPLING SOURCE : นิติบุคคลอาคารชุด ไอทีโอ สุขุมวิท 115  
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J0465  
 SAMPLING DATE : April 7, 2023 RECEIVED DATE : April 8, 2023  
 SAMPLING TIME : 13.00 Hour ANALYTICAL DATE : April 8 - 19, 2023  
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0437/W/Pw  
 SAMPLING BY : Anurak Tantrasai (ว-295-ก-0001) WORK NO. : Ww-23-J1479

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Influent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	38.4	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ(5.0)	-
pH	-	Electrometric Method	6.6 (25°C)	-
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	30.1	-
Settleable Solids	mg/l	Imhoff cone	0.1	-
Sulfide	mg/l	Iodometric Method	<LOQ(1.0)	-
TKN	mg/l	Semi-Micro Kjeldahl Method	14.0	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	428	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	35,000	-
<b>SAMPLE CONDITION</b>			Sample Color / Turbid : Yellow / Clear	
			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: \_\_\_\_\_

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

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**CONTACT DETAILS** : คุณ สุรชัย 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-23-J0465  
**SAMPLING DATE** : April 7, 2023 **RECEIVED DATE** : April 8, 2023  
**SAMPLING TIME** : 13.00 Hour **ANALYTICAL DATE** : April 8 - 19, 2023  
**SAMPLING METHOD** : Grab **QUOTATION NO.** : QU/22/0437/W/Pw  
**SAMPLING BY** : Anurak Tantrasai (๖-295-๙-0001) **WORK NO.** : Ww-23-J1480

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY
			Effluent	STANDARD
BOD	mg/l	5-Day BOD Test, Azide Modification Method	18.2	≤ 20
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ(5.0)	≤ 20.0
pH	-	Electrometric Method	6.9 (25°C)	5.0-9.0
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	25.9	≤ 30
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	23.0	≤ 35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	403	≤ 500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	160,000	-
<b>SAMPLE CONDITION</b>			Sample Color / Turbid : Yellow / Clear	
			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 Romsalyud)

๖-295-๙-0002

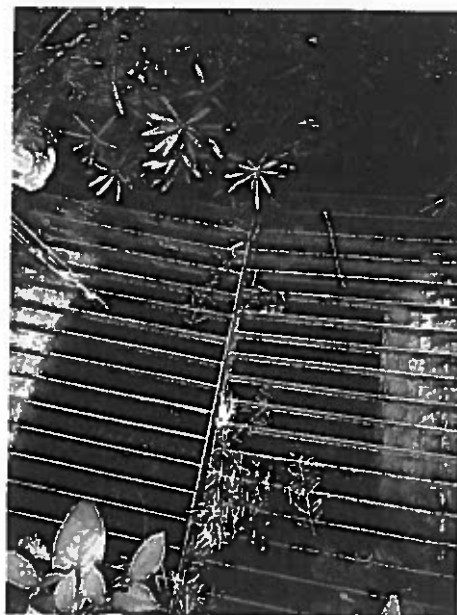
**Remark:** 1) The above results are valid only for the analyzed / tested sample (s) as indicated in this report only.  
 2) Do not copy partial of this analysis report without official approval.

Figure of sample

1. Influent



2. Effluent



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager: \_\_\_\_\_

(Dr. Angsana Romsalyud)

ว-295-ค-0002

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Ecotech Water Systems Co., Ltd.

# Report for Sample Analysis Of

นิติบุคคลอาคารชุด ไอดีโอ

สุขุมวิท 115

(May 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](http://www.ecotechthailand.com) / [www.ecoilab.com](http://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 สุรชัย 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-23-J0618  
**SAMPLING DATE** : May 12, 2023 **RECEIVED DATE** : May 13, 2023  
**SAMPLING TIME** : 10.15 Hour **ANALYTICAL DATE** : May 13 - 19, 2023  
**SAMPLING METHOD** : Grab **QUOTATION NO.** : QL/22/0437/W/Pw  
**SAMPLING BY** : Praphan Wongjaesem (๖-295-๖-0004) **WORK NO.** : Ww-23-J1878

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Influent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	82.0	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ(5.0)	-
pH	-	Electrometric Method	7.1 (25°C)	-
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	43.0	-
Settleable Solids	mg/l	Imhoff cone	0.1	-
Sulfide	mg/l	Iodometric Method	NOT DETECTED	-
TKN	mg/l	Semi-Micro Kjeldahl Method	23.0	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	370	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
<b>SAMPLE CONDITION</b>			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



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.  
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## Report for Sample Analysis

**CUSTOMER NAME** : นิติบุคคลอาคารชุด ไอทีโอ สุขุมวิท 115  
**ADDRESS** : 234 ม.4 ต.เทพารักษ์ อ.เมืองสมุทรปราการ จ.สมุทรปราการ 10270  
**CONTACT DETAILS** : คุณ สุรชัย 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-23-J0618  
**SAMPLING DATE** : May 12, 2023 **RECEIVED DATE** : May 13, 2023  
**SAMPLING TIME** : 10.15 Hour **ANALYTICAL DATE** : May 13 - 19, 2023  
**SAMPLING METHOD** : Grab **QUOTATION NO.** : QL/22/0437/W/Pw  
**SAMPLING BY** : Praphan Wongjaesem (ว-295-ว-0004) **WORK NO.** : Ww-23-J1879

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Effluent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	29.0	≤ 20
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ(5.0)	≤ 20.0
pH	-	Electrometric Method	7.1 (25°C)	5.0-9.0
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	55.3	≤ 30
Settleable Solids	mg/l	Imhoff cone	2.0	≤ 0.5
Sulfide	mg/l	Iodometric Method	NOT DETECTED	≤ 1.0
TKN	mg/l	Semi-Micro Kjeldahl Method	13.4	≤ 35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	450	≤ 500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
<b>SAMPLE CONDITION</b> <div> Sample Color / Turbid : Yellow / Cloudy  Sediment : Black </div>				

**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: \_\_\_\_\_

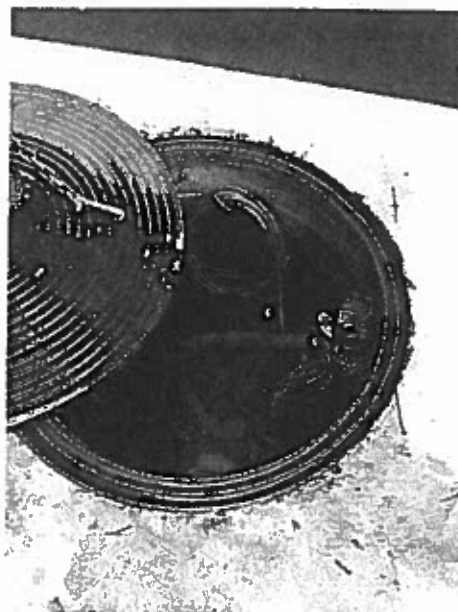
(Dr. Angsana Romsaiyud)

ว-295-ว-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: \_\_\_\_\_

(Dr. Angsana Romsaiyud)

ว-295-ค-0002

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Ecotech Water Systems Co., Ltd.

# Report for Sample Analysis Of

นิติบุคคลอาคารชุด ไอดีโอ

สุขุมวิท 115

(June 2023, 6/12)

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](http://www.ecotechthailand.com) / [www.ecoilab.com](http://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 สุรชัย 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-23-J0740  
**SAMPLING DATE** : June 9, 2023 **RECEIVED DATE** : June 10, 2023  
**SAMPLING TIME** : 10.25 Hour **ANALYTICAL DATE** : June 10 - 21, 2023  
**SAMPLING METHOD** : Grab **QUOTATION NO.** : QL/22/0437/W/Pw  
**SAMPLING BY** : Praphan Wongjaesem (ว-295-จ-0004) **WORK NO.** : Ww-23-J2170

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY
			Influent	STANDARD
BOD	mg/l	5-Day BOD Test, Azide Modification Method	900.0	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	29.8	-
pH	-	Electrometric Method	7.3 (25°C)	-
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	1,821.4	-
Settleable Solids	mg/l	Imhoff cone	200.0	-
Sulfide	mg/l	Iodometric Method	NOT DETECTED	-
TKN	mg/l	Semi-Micro Kjeldahl Method	50.4	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	440	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
<b>SAMPLE CONDITION</b>			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*



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)

ว-295-จ-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

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-23-J0740  
 SAMPLING DATE : June 9, 2023 RECEIVED DATE : June 10, 2023  
 SAMPLING TIME : 10.25 Hour ANALYTICAL DATE : June 10 - 21, 2023  
 SAMPLING METHOD : Grab QUOTATION NO. : QI/22/0437/W/Pw  
 SAMPLING BY : Praphan Wongjaesem (ว-295-ก-0004) WORK NO. : Ww-23-J2171

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Effluent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	13.8	≤ 20
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ(5.0)	≤ 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	15.4	≤ 30
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	16.8	≤ 35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	472	≤ 500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	11,000	-
<b>SAMPLE CONDITION</b> 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.

**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-ก-0002

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Figure of sample

1. Influent



2. Effluent



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)

ว-295-ค-0002

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