



Ecotech Water Systems Co., Ltd.

Report for Sample Analysis Of

Ideo Blucove Sukhumvit Condominium

Juristic Person

(January 2023, 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 : 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-J0055
SAMPLING DATE : January 13, 2023 **RECEIVED DATE** : January 14, 2023
SAMPLING TIME : 13.30 Hour **ANALYTICAL DATE** : January 14 - 24, 2023
SAMPLING METHOD : Grab **QUOTATION NO.** : QL/22/0040/NF/Pw
SAMPLING BY : Praphan Wongjaesem (จ-295-จ-0004) **WORK NO.** : Ww-23-J0217

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--------------------------|-----------|---|---|------------------------|
| | | | บ่อเกราะ | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 74.0 | - |
| Grease and Oil | mg/l | Liquid-Liquid, Partition-Gravimetric Method | 8.2 | - |
| pH | - | Electrometric Method | 7.0 (25°C) | - |
| Suspended Solids | mg/l | Total Suspended Solids Dried at 103-105°C | 50.8 | - |
| Settleable Solids | mg/l | Imhoff cone | 0.6 | - |
| Sulfide | mg/l | Iodometric Method | <LOQ(1.0) | - |
| TKN | mg/l | Semi-Micro Kjeldahl Method | 65.0 | - |
| Total Dissolved Solids | mg/l | Total Dissolved Solids Dried at 180°C | 412 | - |
| Total Coliform Bacteria* | MPN/100ml | 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.

Definition *: The test was subcontracted to another laboratory

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



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ จ-295

Laboratory Manager: _____

(Dr. Angsana Romsaiyud)

จ-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.

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 SAMPLING SOURCE : Ideo Blucove Sukhumvit Condominium Juristic Person
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J0055
 SAMPLING DATE : January 13, 2023 RECEIVED DATE : January 14, 2023
 SAMPLING TIME : 13.30 Hour ANALYTICAL DATE : January 14 - 24, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0040/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (๑-295-๑-0004) WORK NO. : Ww-23-J0218

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--------------------------|-----------|---|--|------------------------|
| | | | บ่อน้ำบาดาลที่ 2 | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 28.0 | ≤ 30 |
| Grease and Oil | mg/l | Liquid-Liquid, Partition-Gravimetric Method | 6.0 | ≤ 20 |
| pH | - | Electrometric Method | 7.1 (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 | <LOQ(1.0) | ≤ 1.0 |
| TKN | mg/l | Semi-Micro Kjeldahl Method | 34.0 | ≤ 35 |
| Total Dissolved Solids | mg/l | Total Dissolved Solids Dried at 180°C | 383 | ≤ 500 |
| Total Coliform Bacteria* | MPN/100ml | Multiple Tube Fermentation Technique | >160,000 | - |
| SAMPLE CONDITION | | | Sample Color / Turbid : Yellow / Slightly Cloudy | |
| | | | 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.

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Laboratory Manager: _____

(Dr. Angsana Romsaiyud)

๑-295-๑-0002

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 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J0055
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 SAMPLING TIME : 13.30 Hour ANALYTICAL DATE : January 14 - 24, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0040/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (๑-295-๑-0004) WORK NO. : Ww-23-J0219

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--------------------------|-----------|---|--|------------------------|
| | | | ข้อบัญญัติที่ 3 | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 25.0 | ≤ 30 |
| Grease and Oil | mg/l | Liquid-Liquid, Partition-Gravimetric Method | <LOQ(5.0) | ≤ 20 |
| pH | - | Electrometric Method | 7.1 (25°C) | 5.0-9.0 |
| Suspended Solids | mg/l | Total Suspended Solids Dried at 103-105°C | 21.6 | ≤ 40 |
| 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 | 34.7 | ≤ 35 |
| Total Dissolved Solids | mg/l | Total Dissolved Solids Dried at 180°C | 375 | ≤ 500 |
| Total Coliform Bacteria* | MPN/100ml | Multiple Tube Fermentation Technique | >160,000 | - |
| SAMPLE CONDITION | | | Sample Color / Turbid : Yellow / Slightly 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: _____

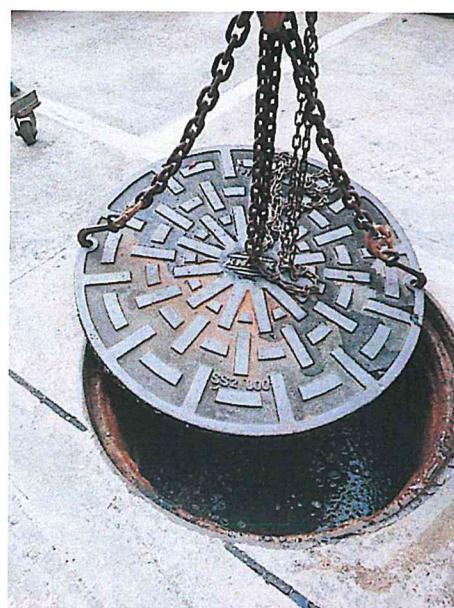
(Dr. Angsana Romsaiyud)

ว-295-ค-0002

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Figure of sample

1. Influent



2. Effluent



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager: _____

Angk
(Dr. Angsana Romsaiyud)

ว-295-ค-0002

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Figure of sample

3. ป่อหนอง



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Laboratory Manager: _____

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(Dr. Angsana Romsaiyud)

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(February 2023, 12/12)

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 SAMPLING SOURCE : Ideo Blucove Sukhumvit Condominium Juristic Person
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J0165
 SAMPLING DATE : February 8, 2023 RECEIVED DATE : February 8, 2023
 SAMPLING TIME : 13.40 Hour ANALYTICAL DATE : February 8 - 17, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0040/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (๖-295-๖-0004) WORK NO. : Ww-23-J0570

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--------------------------|-----------|--|-------------|------------------------|
| | | | ข้อควรระวัง | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 63.6 | - |
| Grease and Oil | mg/l | Liquid-Liquid, Partition-Gravimetric Method | 8.0 | - |
| pH | - | Electrometric Method | 7.2 (25°C) | - |
| Suspended Solids | mg/l | Total Suspended Solids Dried at 103-105°C | 31.0 | - |
| Settleable Solids | mg/l | Imhoff cone | 0.1 | - |
| Sulfide | mg/l | Iodometric Method | 2.2 | - |
| TKN | mg/l | Semi-Micro Kjeldahl Method | 70.56 | - |
| Total Dissolved Solids | mg/l | Total Dissolved Solids Dried at 180°C | 366 | - |
| Total Coliform Bacteria* | MPN/100ml | Multiple Tube Fermentation Technique | >160,000 | - |
| SAMPLE CONDITION | | Sample Color / Turbid : Yellow / Turbid 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.

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 SAMPLING BY : Praphan Wongjaesem (๖-295-๖-0004) WORK NO. : Ww-23-J0571

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--------------------------|-----------|---|---|---------------------|
| | | | บ่อน้ำบาดาลที่ 2 | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 29.6 | ≤ 30 |
| Grease and Oil | mg/l | Liquid-Liquid, Partition-Gravimetric Method | >LOQ (5.0) | ≤ 20 |
| pH | - | Electrometric Method | 7.1 (25°C) | 5.0-9.0 |
| Suspended Solids | mg/l | Total Suspended Solids Dried at 103-105°C | 16.1 | ≤ 40 |
| Settleable Solids | mg/l | Imhoff cone | <0.1 | ≤ 0.5 |
| Sulfide | mg/l | Iodometric Method | 0.7 | ≤ 1.0 |
| TKN | mg/l | Semi-Micro Kjeldahl Method | 34.8 | ≤ 35 |
| Total Dissolved Solids | mg/l | Total Dissolved Solids Dried at 180°C | 380 | ≤ 500 |
| 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

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 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0040/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (๖-295-๖-0004) WORK NO. : Ww-23-J0572

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--------------------------|-----------|---|---|------------------------|
| | | | บ่อน้ำบาดาลชุดที่ 3 | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 21.8 | ≤ 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 | 20.0 | ≤ 40 |
| 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 | 34.8 | ≤ 35 |
| Total Dissolved Solids | mg/l | Total Dissolved Solids Dried at 180°C | 343 | ≤ 500 |
| Total Coliform Bacteria* | MPN/100ml | Multiple Tube Fermentation Technique | >160,000 | - |
| SAMPLE CONDITION | | | Sample Color / Turbid : Yellow / Turbid | |
| | | | 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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๖-295-๖-0002

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Figure of sample

1. Influent

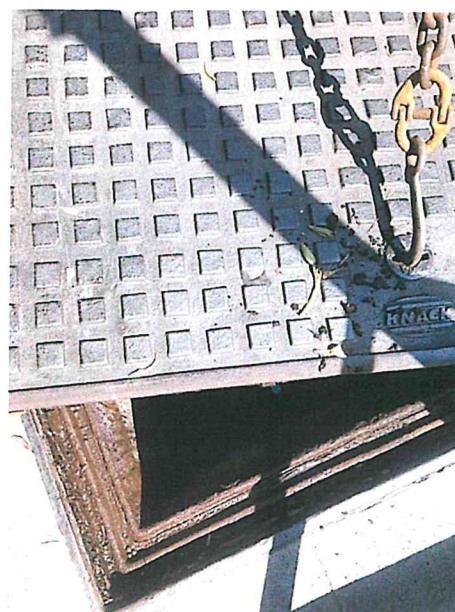


2. Effluent



Figure of sample

3. ป้อนน้ำ



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 SAMPLING SOURCE : Ideo Blucove Sukhumvit Condominium Juristic Person
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J0311
 SAMPLING DATE : March 8, 2023 RECEIVED DATE : March 8, 2023
 SAMPLING TIME : 13.00 Hour ANALYTICAL DATE : March 8 - 17, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (๓-295-๓-0004) WORK NO. : Ww-23-J0956

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--------------------------|-----------|---|---|------------------------|
| | | | ข้อวิเคราะห์ | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 122.0 | - |
| Grease and Oil | mg/l | Liquid-Liquid, Partition-Gravimetric Method | 51.0 | - |
| pH | - | Electrometric Method | 7.0 (25°C) | - |
| Suspended Solids | mg/l | Total Suspended Solids Dried at 103-105°C | 1,395.0 | - |
| Settleable Solids | mg/l | Imhoff cone | 23.0 | - |
| Sulfide | mg/l | Iodometric Method | <LOQ (1.0) | - |
| TKN | mg/l | Semi-Micro Kjeldahl Method | 79.0 | - |
| Total Dissolved Solids | mg/l | Total Dissolved Solids Dried at 180°C | 345 | - |
| 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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 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-23-J0311
 SAMPLING DATE : March 8, 2023 RECEIVED DATE : March 8, 2023
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 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (๗-295-๙-0004) WORK NO. : Ww-23-J0957

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--------------------------|-----------|---|--|------------------------|
| | | | บ่อน้ำบาดาลชุดที่ 2 | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 14.3 | ≤ 30 |
| Grease and Oil | mg/l | Liquid-Liquid, Partition-Gravimetric Method | <LOQ (5.0) | ≤ 20 |
| pH | - | Electrometric Method | 7.1 (25°C) | 5.0-9.0 |
| Suspended Solids | mg/l | Total Suspended Solids Dried at 103-105°C | 12.6 | ≤ 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 | 34.7 | ≤ 35 |
| Total Dissolved Solids | mg/l | Total Dissolved Solids Dried at 180°C | 340 | ≤ 500 |
| Total Coliform Bacteria* | MPN/100ml | Multiple Tube Fermentation Technique | 160,000 | - |
| 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.

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Laboratory Manager:

(Dr. Angsana Romsaiyud)

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Report for Sample Analysis

CUSTOMER NAME : Ideo Blucove Sukhumvit Condominium Juristic Person
 ADDRESS : 2952 Sukhumvit Road, Bangna, Bangkok 10260
 CONTACT DETAILS : คุณสุพจน์ วัชรัง 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-J0311
 SAMPLING DATE : March 8, 2023 RECEIVED DATE : March 8, 2023
 SAMPLING TIME : 13.00 Hour ANALYTICAL DATE : March 8 - 17, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-23-J0958

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--------------------------|-----------|---|------------------|------------------------|
| | | | บ่อน้ำบาดาลที่ 3 | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 25.0 | ≤ 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 | 13.4 | ≤ 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 | 34.7 | ≤ 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 | - |
| <u>SAMPLE CONDITION</u> | | Sample Color / Turbid : Yellow / Slightly Cloudy 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 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: _____

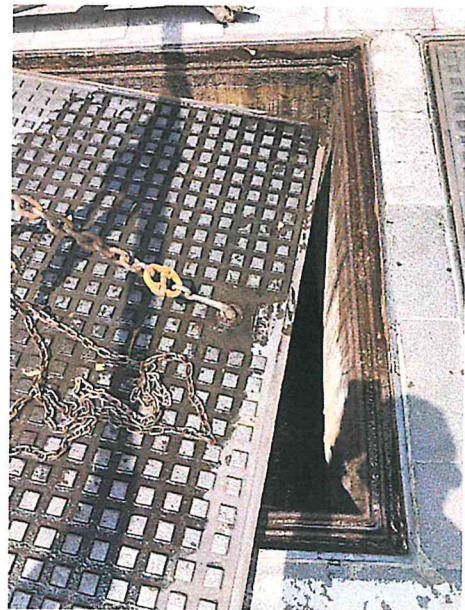
Ang H
(Dr. Angsana Romsaiyud)

ว-295-ค-0002

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Figure of sample

3. ป่อหนอง



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

Ang k
(Dr. Angsana Romsaiyud)

ว-295-ค-0002

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Ecotech Water Systems Co., Ltd.

Report for Sample Analysis Of

Ideo Blucove Sukhumvit Condominium

Juristic Person

(April 2023, 2/12)

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 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-J0456
 SAMPLING DATE : April 5, 2023 RECEIVED DATE : April 7, 2023
 SAMPLING TIME : - ANALYTICAL DATE : April 7 - 17, 2023
 SAMPLING METHOD : Sampling By Customer QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Sampling By Customer WORK NO. : Ww-23-J1456

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--------------------------|-----------|---|--------------|------------------------|
| | | | ข้อวิเคราะห์ | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 102.4 | - |
| Grease and Oil | mg/l | Liquid-Liquid, Partition-Gravimetric Method | 6.8 | - |
| pH | - | Electrometric Method | 7.0 (25°C) | - |
| Suspended Solids | mg/l | Total Suspended Solids Dried at 103-105°C | 51.3 | - |
| Settleable Solids | mg/l | Imhoff cone | 5.0 | - |
| Sulfide | mg/l | Iodometric Method | 2.0 | - |
| TKN | mg/l | Semi-Micro Kjeldahl Method | 66.1 | - |
| Total Dissolved Solids | mg/l | Total Dissolved Solids Dried at 180°C | 268 | - |
| 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 จ-295

Laboratory Manager: _____

(Dr. Angsana Romsaiyud)

จ-295-ค-0002

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Report for Sample Analysis

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 ADDRESS : 2952 Sukhumvit Road, Bangna, Bangkok 10260
 CONTACT DETAILS : คุณสุพจน์ วัชรัง 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-J0456
 SAMPLING DATE : April 5, 2023 RECEIVED DATE : April 7, 2023
 SAMPLING TIME : - ANALYTICAL DATE : April 7 - 17, 2023
 SAMPLING METHOD : Sampling By Customer QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Sampling By Customer WORK NO. : Ww-23-J1457

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--------------------------|-----------|---|--|------------------------|
| | | | บ่อน้ำบำบัดชุดที่ 2 | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 25.6 | ≤ 30 |
| Grease and Oil | mg/l | Liquid-Liquid, Partition-Gravimetric Method | 7.0 | ≤ 20 |
| pH | - | Electrometric Method | 7.1 (25°C) | 5.0-9.0 |
| Suspended Solids | mg/l | Total Suspended Solids Dried at 103-105°C | 17.8 | ≤ 40 |
| 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 | 34.7 | ≤ 35 |
| Total Dissolved Solids | mg/l | Total Dissolved Solids Dried at 180°C | 355 | ≤ 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-ค-0002

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Report for Sample Analysis

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 ADDRESS : 2952 Sukhumvit Road, Bangna, Bangna, Bangkok 10260
 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-J0456
 SAMPLING DATE : April 5, 2023 RECEIVED DATE : April 7, 2023
 SAMPLING TIME : - ANALYTICAL DATE : April 7 - 17, 2023
 SAMPLING METHOD : Sampling By Customer QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Sampling By Customer WORK NO. : Ww-23-J1458

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--------------------------|-----------|---|--|------------------------|
| | | | บ่อนำบัดชุดที่ 3 | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 26.0 | ≤ 30 |
| Grease and Oil | mg/l | Liquid-Liquid, Partition-Gravimetric Method | 6.4 | ≤ 20 |
| pH | - | Electrometric Method | 7.6 (25°C) | 5.0-9.0 |
| Suspended Solids | mg/l | Total Suspended Solids Dried at 103-105°C | 20.2 | ≤ 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 | 338 | ≤ 500 |
| Total Coliform Bacteria* | MPN/100ml | 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

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 จ-295

Laboratory Manager: _____

(Dr. Angsana Romsaiyud)

จ-295-ค-0002

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Figure of sample

1. Influent

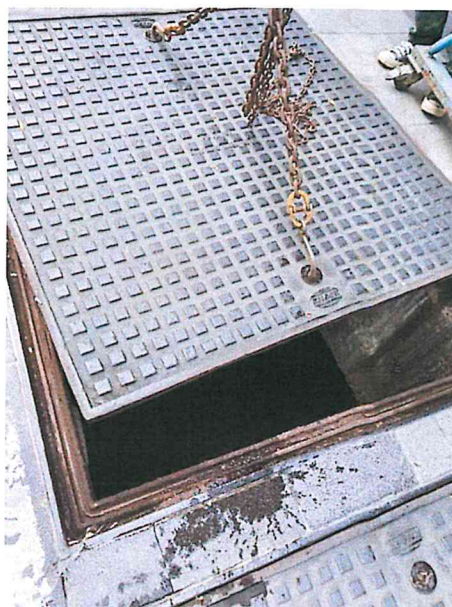


2. Effluent



Figure of sample

3. ป่อหน้า



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

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

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Ecotech Water Systems Co., Ltd.

Report for Sample Analysis Of

Ideo Blucove Sukhumvit Condominium

Juristic Person

(May 2023, 3/12)

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 วังตัง 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-J0510
 SAMPLING DATE : May 11, 2023 RECEIVED DATE : May 12, 2023
 SAMPLING TIME : 15.00 Hour ANALYTICAL DATE : May 12 - 18, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-23-J1855

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--------------------------|-----------|---|---|------------------------|
| | | | บ่อเกราะ | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 750.0 | - |
| Grease and Oil | mg/l | Liquid-Liquid, Partition-Gravimetric Method | 45.4 | - |
| pH | - | Electrometric Method | 7.1 (25°C) | - |
| Suspended Solids | mg/l | Total Suspended Solids Dried at 103-105°C | 2,409.0 | - |
| Settleable Solids | mg/l | Imhoff cone | 32 | - |
| Sulfide | mg/l | Iodometric Method | 2.0 | - |
| TKN | mg/l | Semi-Micro Kjeldahl Method | 121.0 | - |
| Total Dissolved Solids | mg/l | Total Dissolved Solids Dried at 180°C | 375 | - |
| 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 ว-295

Laboratory Manager:


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

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Report for Sample Analysis

CUSTOMER NAME : Ideo Blucove Sukhumvit Condominium Juristic Person
ADDRESS : 2952 Sukhumvit Road, Bangna, 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-J0510
SAMPLING DATE : May 11, 2023 **RECEIVED DATE** : May 12, 2023
SAMPLING TIME : 15.00 Hour **ANALYTICAL DATE** : May 12 - 18, 2023
SAMPLING METHOD : Grab **QUOTATION NO.** : QL/22/0511/NF/Pw
SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) **WORK NO.** : Ww-23-J1856

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--------------------------|-----------|---|---|------------------------|
| | | | บ่อน้ำบาดาลชุดที่ 2 | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 21.0 | ≤ 30 |
| Grease and Oil | mg/l | Liquid-Liquid, Partition-Gravimetric Method | 5.6 | ≤ 20 |
| pH | - | Electrometric Method | 7.0 (25°C) | 5.0-9.0 |
| Suspended Solids | mg/l | Total Suspended Solids Dried at 103-105°C | 15.4 | ≤ 40 |
| Settleable Solids | mg/l | Imhoff cone | <0.1 | ≤ 0.5 |
| Sulfide | mg/l | Iodometric Method | 0.9 | ≤ 1.0 |
| TKN | mg/l | Semi-Micro Kjeldahl Method | 64.4 | ≤ 35 |
| Total Dissolved Solids | mg/l | Total Dissolved Solids Dried at 180°C | 383 | ≤ 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 ว-295

Laboratory Manager:


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

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Report for Sample Analysis

CUSTOMER NAME : Ideo Blucove Sukhumvit Condominium Juristic Person
 ADDRESS : 2952 Sukhumvit Road, Bangna, Bangkok 10260
 CONTACT DETAILS : คุณสุพจน์ วังสดี 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-J0510
 SAMPLING DATE : May 11, 2023 RECEIVED DATE : May 12, 2023
 SAMPLING TIME : 15.00 Hour ANALYTICAL DATE : May 12 - 18, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-23-J1857

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--------------------------|-----------|---|--|------------------------|
| | | | บ่อน้ำบาดาลที่ 3 | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 16.3 | ≤ 30 |
| Grease and Oil | mg/l | Liquid-Liquid, Partition-Gravimetric Method | <LOQ (5.0) | ≤ 20 |
| pH | - | Electrometric Method | 7.3 (25°C) | 5.0-9.0 |
| Suspended Solids | mg/l | Total Suspended Solids Dried at 103-105°C | 21.6 | ≤ 40 |
| Settleable Solids | mg/l | Imhoff cone | <0.1 | ≤ 0.5 |
| Sulfide | mg/l | Iodometric Method | 1.0 | ≤ 1.0 |
| TKN | mg/l | Semi-Micro Kjeldahl Method | 17.4 | ≤ 35 |
| Total Dissolved Solids | mg/l | Total Dissolved Solids Dried at 180°C | 228 | ≤ 500 |
| Total Coliform Bacteria* | MPN/100ml | Multiple Tube Fermentation Technique | >160,000 | - |
| 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.

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ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)

ว-295-ก-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



Figure of sample

3. บ่อหนอง



ห้องปฏิบัติการวิเคราะห์เอกสาร : ทะเบียนเลขที่ ว-295

Laboratory Manager:

(Signature)

(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 (May 2023)

Ecotech Water Systems Co., Ltd.

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Report for Sample Analysis

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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 : Water supply REPORT NO. : JEX-Sw-23-J0649
 SAMPLING DATE : May 18, 2023 RECEIVED DATE : May 19, 2023
 SAMPLING TIME : 15.00 Hour ANALYTICAL DATE : May 19 – 30, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Sw-23-J1939

| Parameters | Unit | Method of Analysis | RESULT | Regulatory Standard | Limit of Detection |
|-------------------------|------------------------------------|---|--------------------------|---------------------|--------------------|
| | | | น้ำประปาแห่งค์ ใต้ดิน | | |
| Appearance Color* | Pl/Col | Visual Comparison Method | <5.00 | <15 | 5.0 |
| pH* | - | Electrometric Method | 7.7 (25°C) | 6.5-8.5 | - |
| Turbidity* | NTU | Nephelometric Method | <4.0 | <5 | 0.1 |
| Chloride* | mg/L Cl ⁻ | Argentometric Method | 26.0 | <250 | 2.0 |
| Fluoride* | mg/L F ⁻ | Spadns Method | 0.20 | <1.0 | 0.02 |
| Hardness* | mg/L CaCO ₃ | EDTA Titrimetric Method | 106 | <300 | 4.0 |
| Nitrate* | mg/L NO ₃ ⁻ | Cadmium Reduction Method | 0.53 | <50 | 0.09 |
| Sulphate* | mg/L SO ₄ ²⁻ | Turbidimetric Method | 34.5 | <250 | 0.3 |
| Total Dissolved Solids* | mg/L | Total Dissolved Solids Dried at 180°C | 193 | <600 | 25 |
| Metals | | | | | |
| Arsenic* | mg/L As | Hydride Generation AAS Method | NOT DETECTED | <0.01 | 0.0003 |
| Cadmium* | mg/L Cd | Nitric Acid Digestion and Direct Air Acetylene Flame Method | NOT DETECTED | <0.003 | 0.003 |
| Chromium* | mg/L Cr | Nitric Acid Digestion and Direct Air Acetylene Flame Method | NOT DETECTED | <0.05 | 0.010 |
| Copper* | mg/L Cu | Nitric Acid Digestion and Direct Air Acetylene Flame Method | NOT DETECTED | <2.0 | 0.003 |
| Iron* | mg/L Fe | Nitric Acid Digestion and Direct Air Acetylene Flame Method | NOT DETECTED | <0.3 | 0.010 |
| Lead* | mg/L Pb | Nitric Acid Digestion and Direct Air Acetylene Flame Method | NOT DETECTED | <0.01 | 0.010 |
| Manganese* | mg/L Mn | Nitric Acid Digestion and Direct Air Acetylene Flame Method | NOT DETECTED | <0.4 | 0.005 |
| Mercury* | mg/L Hg | Cold Vapour AAS Method | NOT DETECTED | <0.001 | 0.0002 |
| Zinc* | mg/L Zn | Nitric Acid Digestion and Direct Air Acetylene Flame Method | NOT DETECTED | <3.0 | 0.005 |



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.

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 : Water supply **REPORT NO.** : JEX-Sw-23-J0649
SAMPLING DATE : May 18, 2023 **RECEIVED DATE** : May 19, 2023
SAMPLING TIME : 15.00 Hour **ANALYTICAL DATE** : May 19 – 30, 2023
SAMPLING METHOD : Grab **QUOTATION NO.** : QL/22/0511/NF/Pw
SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) **WORK NO.** : Sw-23-J1939

| Parameters | Unit | Method of Analysis | RESULT | Regulatory Standard | Limit of Detection |
|--------------------------|-----------|--------------------------------------|----------------------|---------------------|--------------------|
| | | | น้ำประปาแห่งค์ใต้ดิน | | |
| Microbiology | | | | | |
| E. coli* | MPN/100ml | Multiple Tube Fermentation Technique | None | None | < 1.1 |
| Fecal Coliform Bacteria* | MPN/100ml | Multiple Tube Fermentation Technique | None | None | None |
| Total Coliform Bacteria | MPN/100ml | Multiple Tube Fermentation Technique | None | None | None |

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

Standard: มาตรฐานคุณภาพน้ำประปาของการประปาส่วนภูมิภาค

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

- Remark:**
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Figure of Sample

1. น้ำประปาแท่งคี่ใต้ดิน



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager: _____

(Dr. Angsana Romsaiyud)

ว-295-ค-0002

- Remark:
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 - 2) Do not copy partial of this analysis report without official approval.



Ecotech Water Systems Co., Ltd.

Report for Sample Analysis Of Ideo Blucope Sukhumvit Condominium Juristic Person (May 2023)

Ecotech Water Systems Co., Ltd.

20 Soi Kheharonklao 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, Bangna, Bangkok 10260
 CONTACT DETAILS : คุณสุพจน์ วังสดี 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 : Water supply REPORT NO. : JEX-Sw-23-J0649 / J0696
 SAMPLING DATE : May 18, 2023 RECEIVED DATE : May 19, 2023
 SAMPLING TIME : 15.00 Hour ANALYTICAL DATE : May 19 – 30, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (๑-295-๑-0004) WORK NO. : Sw-23-J1939

| Parameters | Unit | Method of Analysis | RESULT | Regulatory Standard | Limit of Detection |
|-------------------------|------------------------------------|---|------------------|---------------------|--------------------|
| | | | น้ำประปาปลายก๊อก | | |
| Appearance Color* | Pt/Col | Visual Comparison Method | <5.00 | <15 | 5.0 |
| pH* | - | Electrometric Method | 7.6 (25°C) | 6.5-8.5 | - |
| Turbidity* | NTU | Nephelometric Method | <4.0 | <5 | 0.1 |
| Chloride* | mg/L Cl ⁻ | Argentometric Method | 24.2 | <250 | 2.0 |
| Fluoride* | mg/L F ⁻ | Spadns Method | 0.20 | <1.0 | 0.02 |
| Hardness* | mg/L CaCO ₃ | EDTA Titrimetric Method | 107 | <300 | 4.0 |
| Nitrate* | mg/L NO ₃ ⁻ | Cadmium Reduction Method | 0.53 | <50 | 0.09 |
| Sulphate* | mg/L SO ₄ ²⁻ | Turbidimetric Method | 33.0 | <250 | 0.3 |
| Total Dissolved Solids* | mg/L | Total Dissolved Solids Dried at 180°C | 175 | <600 | 25 |
| Metals | | | | | |
| Arsenic* | mg/L As | Hydride Generation AAS Method | NOT DETECTED | <0.01 | 0.0003 |
| Cadmium* | mg/L Cd | Nitric Acid Digestion and Direct Air Acetylene Flame Method | NOT DETECTED | <0.003 | 0.003 |
| Chromium* | mg/L Cr | Nitric Acid Digestion and Direct Air Acetylene Flame Method | NOT DETECTED | <0.05 | 0.010 |
| Copper* | mg/L Cu | Nitric Acid Digestion and Direct Air Acetylene Flame Method | NOT DETECTED | <2.0 | 0.003 |
| Iron* | mg/L Fe | Nitric Acid Digestion and Direct Air Acetylene Flame Method | NOT DETECTED | <0.3 | 0.010 |
| Lead* | mg/L Pb | Nitric Acid Digestion and Direct Air Acetylene Flame Method | NOT DETECTED | <0.01 | 0.010 |
| Manganese* | mg/L Mn | Nitric Acid Digestion and Direct Air Acetylene Flame Method | NOT DETECTED | <0.4 | 0.005 |
| Mercury* | mg/L Hg | Cold Vapour AAS Method | NOT DETECTED | <0.001 | 0.0002 |
| Zinc* | mg/L Zn | Nitric Acid Digestion and Direct Air Acetylene Flame Method | NOT DETECTED | <3.0 | 0.005 |



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 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 : Water supply **REPORT NO.** : EX-Sw-23-J0649 / J0696
SAMPLING DATE : May 31, 2023 **RECEIVED DATE** : May 31, 2023
SAMPLING TIME : 15.00 Hour **ANALYTICAL DATE** : May 31 - June 7, 2023
SAMPLING METHOD : Grab **QUOTATION NO.** : QL/22/0511/NF/Pw
SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) **WORK NO.** : Sw-23-J2072

| Parameters | Unit | Method of Analysis | RESULT | Regulatory Standard | Limit of Detection |
|--------------------------|-----------|--------------------------------------|------------------|---------------------|--------------------|
| | | | น้ำประปาปลายก๊อก | | |
| Microbiology | | | | | |
| E. coli* | MPN/100ml | Multiple Tube Fermentation Technique | None | None | < 1.1 |
| Fecal Coliform Bacteria* | MPN/100ml | Multiple Tube Fermentation Technique | None | None | None |
| Total Coliform Bacteria | MPN/100ml | Multiple Tube Fermentation Technique | None | None | None |

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

Standard: มาตรฐานคุณภาพน้ำประปาของการประปาส่วนภูมิภาค

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

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. น้ำประปาปลายก๊อก



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ๖-295

Laboratory Manager: _____

(Dr. Angsana Romsaiyud)

๖-295-ค-0002

- Remark:
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Ecotech Water Systems Co., Ltd.

Report for Sample Analysis Of

Ideo Blucove Sukhumvit Condominium

Juristic Person

(June 2023, 4/12)

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-J0726
 SAMPLING DATE : June 7, 2023 RECEIVED DATE : June 8, 2023
 SAMPLING TIME : 11.00 Hour ANALYTICAL DATE : June 8 - 16, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-23-J2136

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--------------------------|-----------|---|---|------------------------|
| | | | บ่อเกราะ | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 145.0 | - |
| Grease and Oil | mg/l | Liquid-Liquid, Partition-Gravimetric Method | 8.6 | - |
| pH | - | Electrometric Method | 6.8 (25°C) | - |
| Suspended Solids | mg/l | Total Suspended Solids Dried at 103-105°C | 71.1 | - |
| Settleable Solids | mg/l | Imhoff cone | 0.2 | - |
| Sulfide | mg/l | Iodometric Method | NOT DETECTED | - |
| TKN | mg/l | Semi-Micro Kjeldahl Method | 31.9 | - |
| Total Dissolved Solids | mg/l | Total Dissolved Solids Dried at 180°C | 318 | - |
| 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 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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Report for Sample Analysis

CUSTOMER NAME : Ideo Blucove Sukhumvit Condominium Juristic Person
ADDRESS : 2952 Sukhumvit Road, Bangna, Bangkok 10260
CONTACT DETAILS : คุณสุพจน์ วังตัง 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-J0726
SAMPLING DATE : June 7, 2023 **RECEIVED DATE** : June 8, 2023
SAMPLING TIME : 11.00 Hour **ANALYTICAL DATE** : June 8 - 15, 2023
SAMPLING METHOD : Grab **QUOTATION NO.** : QL/22/0511/NF/Pw
SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) **WORK NO.** : Ww-23-J2137

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--|-----------|---|------------------|------------------------|
| | | | บ่อน้ำบาดาลที่ 2 | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 9.8 | ≤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 | 10.0 | ≤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 | 30.2 | ≤35 |
| Total Dissolved Solids | mg/l | Total Dissolved Solids Dried at 180°C | 280 | ≤500 |
| Total Coliform Bacteria* | MPN/100ml | Multiple Tube Fermentation Technique | 13,000 | - |
| 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 ว-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)

ว-295-ค-0002

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Report for Sample Analysis

CUSTOMER NAME : Ideo Blucove Sukhumvit Condominium Juristic Person
 ADDRESS : 2952 Sukhumvit Road, Bangna, Bangkok 10260
 CONTACT DETAILS : คุณสุพจน์ วังตัง 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-J0726
 SAMPLING DATE : June 7, 2023 RECEIVED DATE : June 8, 2023
 SAMPLING TIME : 11.00 Hour ANALYTICAL DATE : June 8 - 15, 2023
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw
 SAMPLING BY : Praphan Wongjaesem (ว-295-ว-0004) WORK NO. : Ww-23-J2138

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--------------------------|-----------|---|--|------------------------|
| | | | บ่อน้ำบาดาลชุดที่ 3 | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 10.4 | ≤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 | 10.3 | ≤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 | 33.0 | ≤35 |
| Total Dissolved Solids | mg/l | Total Dissolved Solids Dried at 180°C | 280 | ≤500 |
| Total Coliform Bacteria* | MPN/100ml | Multiple Tube Fermentation Technique | 24,000 | - |
| 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 ว-295

Laboratory Manager:

(Dr. Angsana Romisaiyud)

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

1. Influent



2. Effluent



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager: _____

(Dr. Angsana Romsaiyud)

ว-295-ค-0002

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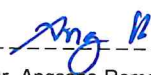
Figure of sample

3. บ่อหนอง



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:


(Dr. Angsana Romsaiyud)
ว-295-ค-0002

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