



Ecotech Water Systems Co., Ltd.

# Report for Sample Analysis Of Ideo Blucove Sukhumvit Condominium Juristic Person (January 2024, 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](http://www.ecotechthailand.com) / [www.ecoilab.com](http://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 วังสดัง 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-24-J0071  
 SAMPLING DATE : January 18, 2024 RECEIVED DATE : January 19, 2024  
 SAMPLING TIME : 10.30 Hour ANALYTICAL DATE : January 19-28, 2024  
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw  
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-24-J0073

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY
			บ่อเกรอะ	STANDARD
BOD	mg/l	5-Day BOD Test, Azide Modification Method	115.0	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	-
pH	-	Electrometric Method	7.5 (25°C)	-
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	78.0	-
Settleable Solids	mg/l	Imhoff cone	2.0	-
Sulfide	mg/l	Iodometric Method	2.60	-
TKN*	mg/l	Semi-Micro Kjeldahl Method	96.2	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	133	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Turbid	
			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

**คำ TDS ของน้ำเสีย บ่อเกรอะ (444) ลบ ค่า TDS ของน้ำประปา (311)**



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, 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-24-J0071  
 SAMPLING DATE : January 18, 2024 RECEIVED DATE : January 19, 2024  
 SAMPLING TIME : 10.30 Hour ANALYTICAL DATE : January 19-28, 2024  
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw  
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-24-J0074

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อน้ำบาดาลที่ 2	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	11.2	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	≤ 20
pH	-	Electrometric Method	7.2 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	4.1	≤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	33.3	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	6	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	3,300	-
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

\*ค่า TDS ของน้ำเสีย บ่อน้ำบาดาลที่ 2 (317) ลบ ค่า TDS ของน้ำประปา (311)



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 วังสดัง 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-24-J0071  
 SAMPLING DATE : January 18, 2024 RECEIVED DATE : January 19, 2024  
 SAMPLING TIME : 10.30 Hour ANALYTICAL DATE : January 19-28, 2024  
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw  
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-24-J0075

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY
			บ่อน้ำบาดาลชุดที่ 3	STANDARD
BOD	mg/l	5-Day BOD Test, Azide Modification Method	9.2	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	≤20
pH	-	Electrometric Method	7.2 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	7.3	≤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	10.9	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	35	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	35,000	-
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.

**Definition** \*: The test was subcontracted to another laboratory


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

\*ค่า TDS ของน้ำเสีย บ่อน้ำบาดาลชุดที่ 3 (346) ลบ ค่า TDS ของน้ำประปา (311)



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 k*  
(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

3. ป่อหนอง



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

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

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



Ecotech Water Systems Co., Ltd.

# Report for Sample Analysis Of

Ideo Blucove Sukhumvit Condominium

Juristic Person

(February 2024, 12/12)

**Ecotech Water System's 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** : Ideo Blucove Sukhumvit Condominium Juristic Person  
**ADDRESS** : 2952 Sukhumvit Road, Bangna, 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-24-J0209  
**SAMPLING DATE** : February 8, 2024 **RECEIVED DATE** : February 9, 2024  
**SAMPLING TIME** : 11.50 Hour **ANALYTICAL DATE** : February 9-19, 2024  
**SAMPLING METHOD** : Grab **QUOTATION NO.** : QL/22/0511/NF/Pw  
**SAMPLING BY** : Praphan Wongjaesem (ว-295-จ-0004) **WORK NO.** : Ww-24-J0469

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY
			บ่อเกรอะ	STANDARD
BOD	mg/l	5-Day BOD Test, Azide Modification Method	52.8	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	-
pH	-	Electrometric Method	7.4 (25°C)	-
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	11.6	-
Settleable Solids	mg/l	Imhoff cone	<0.1	-
Sulfide	mg/l	Iodometric Method	<LOQ (1.0)	-
TKN*	mg/l	Semi-Micro Kjeldahl Method	97.7	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	505	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	22,000	-
<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

\*ค่า TDS ของน้ำเสีย บ่อเกรอะ (760) ลบ ค่า TDS ของน้ำประปา (255)



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, 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-24-J0209  
 SAMPLING DATE : February 8, 2024 RECEIVED DATE : February 9, 2024  
 SAMPLING TIME : 11.50 Hour ANALYTICAL DATE : February 9-19, 2024  
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw  
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-24-J0470

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY
			บ่อน้ำบาดาลที่ 2	STANDARD
BOD	mg/l	5-Day BOD Test, Azide Modification Method	9.6	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	≤ 20
pH	-	Electrometric Method	7.4 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	5.7	≤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	24.9	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	NOT DETECTED	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	7,000	-
<u>SAMPLE CONDITION</u>			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

**คำ TDS ของน้ำเสีย บ่อน้ำบาดาลที่ 2 (240) ลบ คำ TDS ของน้ำประปา (255)**



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, 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-24-J0209  
 SAMPLING DATE : February 8, 2024 RECEIVED DATE : February 9, 2024  
 SAMPLING TIME : 11.50 Hour ANALYTICAL DATE : February 9-19, 2024  
 SAMPLING METHOD : Grab QUOTATION NO. : QL/22/0511/NF/Pw  
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-24-J0471

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY
			บ่อน้ำบำบัดชุดที่ 3	STANDARD
BOD	mg/l	5-Day BOD Test, Azide Modification Method	8.0	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	NOT DETECTED	≤20
pH	-	Electrometric Method	7.1 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	5.0	≤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	23.8	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	117	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	17,000	-
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.

**Definition** \*: The test was subcontracted to another laboratory

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

\*ค่า TDS ของน้ำเสีย บ่อน้ำบำบัดชุดที่ 3 (372) สูง ค่า TDS ของน้ำประปา (255)



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

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

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

Figure of sample

1. Influent



2. Effluent



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

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

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



Figure of sample

3. ป่อหน้าวง



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

*Ang*  
(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.





Ecotech Water Systems Co., Ltd.

# Report for Sample Analysis Of

Ideo Blucove Sukhumvit Condominium

Juristic Person

(March 2024, 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 : Ideo Blucove Sukhumvit Condominium Juristic Person  
 ADDRESS : 2952 Sukhumvit Road, Bangna, Bangna, Bangkok 10260  
 CONTACT DETAILS : คุณสุพจน์ วัจดัง TEL: 099 223 3022, 02 173 5902 E-mail: Supot.theworks@ananda.co.th  
 SAMPLING SOURCE : Ideo Blucove Sukhumvit Condominium Juristic Person  
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-24-J0389  
 SAMPLING DATE : March 13, 2024 RECEIVED DATE : March 14, 2024  
 SAMPLING TIME : 13.00 Hour ANALYTICAL DATE : March 14-24, 2024  
 SAMPLING METHOD : Grab QUOTATION NO. : QL/24/0038/NF/Pw  
 SAMPLING BY : Praphan Wongjaesem (ว-295-ท-0004) WORK NO. : Ww-24-J0927

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY
			บ่อเกรอะ	STANDARD
BOD	mg/l	5-Day BOD Test, Azide Modification Method	290	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	-
pH	-	Electrometric Method	7.1 (25°C)	-
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	310.2	-
Settleable Solids	mg/l	Imhoff cone	31	-
Sulfide	mg/l	Iodometric Method	4.27	-
TKN*	mg/l	Semi-Micro Kjeldahl Method	122	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	166	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
<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

\*ค่า TDS ของน้ำเสีย บ่อเกรอะ (374) นอก ค่า TDS ของน้ำประปา (208)



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)

ว-295-ท-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 วังสัจจ 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-24-J0389  
SAMPLING DATE : March 13, 2024 RECEIVED DATE : March 14, 2024  
SAMPLING TIME : 13.00 Hour ANALYTICAL DATE : March 14-24, 2024  
SAMPLING METHOD : Grab QUOTATION NO. : QL/24/0038/NF/Pw  
SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-24-J0928

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อน้ำบาดาลชุดที่ 2	
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	7.2 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	21.2	≤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	73.5	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	144	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
<u>SAMPLE CONDITION</u>			Sample Color / Turbid : Yellow / Cloudy	
			Sediment : A bit	

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

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

**Definition** \*: The test was subcontracted to another laboratory

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

**คำ TDS ของน้ำเสีย บ่อน้ำบาดาลชุดที่ 2 (352) ลบ คำ TDS ของน้ำประปา (208)**



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, 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-24-J0389  
SAMPLING DATE : March 13, 2024 RECEIVED DATE : March 14, 2024  
SAMPLING TIME : 13.00 Hour ANALYTICAL DATE : March 14-24, 2024  
SAMPLING METHOD : Grab QUOTATION NO. : QL/24/0038/NF/Pw  
SAMPLING BY : Praphan Wongjaesem (1-295-1-0004) WORK NO. : Ww-24-J0929

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อน้ำบาดาลชุดที่ 3	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	24.5	≤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	20.5	≤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	19.2	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	56	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
SAMPLE CONDITION			Sample Color / Turbid : White / Cloudy Sediment : A bit	

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

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

**Definition** \*: The test was subcontracted to another laboratory

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

**\*ค่า TDS ของน้ำเสีย บ่อน้ำบาดาลชุดที่ 3 (264) นอก ค่า TDS ของน้ำประปา (208)**



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ 1-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)

1-295-1-0002

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



Figure of sample

1. Influent



2. Effluent



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)

ว-295-ค-0002

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

## Figure of sample

### 3. ป่อน้ำ



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.



Ecotech Water Systems Co., Ltd.

# Report for Sample Analysis Of

Ideo Blucove Sukhumvit Condominium

Juristic Person

(April 2024, 2/12)

**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](http://www.ecotechthailand.com) / [www.ecoilab.com](http://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 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-24-J0495  
**SAMPLING DATE** : April 9, 2024 **RECEIVED DATE** : April 10, 2024  
**SAMPLING TIME** : 12.00 Hour **ANALYTICAL DATE** : April 10 - 25, 2024  
**SAMPLING METHOD** : Grab **QUOTATION NO.** : QL/24/0038/NF/Pw  
**SAMPLING BY** : Praphan Wongjaesem (ว-295-จ-0004) **WORK NO.** : Ww-24-J1210

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อเกรอะ	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	76.8	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	-
pH	-	Electrometric Method	7.1 (25°C)	-
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	19.0	-
Settleable Solids	mg/l	Imhoff cone	0.1	-
Sulfide	mg/l	Iodometric Method	1.30	-
TKN*	mg/l	Semi-Micro Kjeldahl Method	77.2	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	134	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
<b>SAMPLE CONDITION</b>			Sample Color / Turbid : Yellow / Turbid	
			Sediment : Black	

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

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

**Definition** \*: The test was subcontracted to another laboratory

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

\*ค่า TDS ของน้ำเสีย บ่อเกรอะ (308) ลบ ค่า TDS ของน้ำประปา (174)



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 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-24-J0495  
 SAMPLING DATE : April 9, 2024 RECEIVED DATE : April 10, 2024  
 SAMPLING TIME : 12.00 Hour ANALYTICAL DATE : April 10 - 25, 2024  
 SAMPLING METHOD : Grab QUOTATION NO. : QL/24/0038/NF/Pw  
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-24-J1211

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อน้ำบำบัดชุดที่ 2	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	18.2	≤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	8.0	≤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	<b>35.6</b>	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	140	≤500
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

\*ค่า TDS ของน้ำเสีย บ่อน้ำบำบัดชุดที่ 2 (314) ลบ ค่า TDS ของน้ำประปา (174)



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 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-24-J0495  
 SAMPLING DATE : April 9, 2024 RECEIVED DATE : April 10, 2024  
 SAMPLING TIME : 12.00 Hour ANALYTICAL DATE : April 10 - 25, 2024  
 SAMPLING METHOD : Grab QUOTATION NO. : QL/24/0038/NF/Pw  
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-24-J1212

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY
			บ่อน้ำบาดาลชุดที่ 3	STANDARD
BOD	mg/l	5-Day BOD Test, Azide Modification Method	17.9	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	7.0	≤20
pH	-	Electrometric Method	7.0 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	9.0	≤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	23.6	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	80	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
SAMPLE CONDITION			Sample Color / Turbid : White / 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

\*ค่า TDS ของน้ำเสีย บ่อน้ำบาดาลชุดที่ 3 (254) ลง ค่า TDS ของน้ำประปา (174)



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

 (นาง) (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:

นางรศ. (เอกอ)  
(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

3. บ่อหนอง



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

สุภารัตน์ (เนทน์)  
(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.





Ecotech Water Systems Co., Ltd.

# Report for Sample Analysis Of

Ideo Blucove Sukhumvit Condominium

Juristic Person

(May 2024, 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](http://www.ecotechthailand.com) / [www.ecoilab.com](http://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 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-24-J0667  
**SAMPLING DATE** : May 9, 2024 **RECEIVED DATE** : May 10, 2024  
**SAMPLING TIME** : 11.30 Hour **ANALYTICAL DATE** : May 10 - 23, 2024  
**SAMPLING METHOD** : Grab **QUOTATION NO.** : QL/24/0038/NF/Pw  
**SAMPLING BY** : Praphan Wongjaesem (ว-295-จ-0004) **WORK NO.** : Ww-24-J1633

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อเกรอะ	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	420.0	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	5.6	-
pH	-	Electrometric Method	7.0 (25°C)	-
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	162.0	-
Settleable Solids	mg/l	Imhoff cone	12.0	-
Sulfide	mg/l	Iodometric Method	<LOQ (1.0)	-
TKN*	mg/l	Semi-Micro Kjeldahl Method	105.0	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	118	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
<b>SAMPLE CONDITION</b>			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.

**Definition** \*: The test was subcontracted to another laboratory

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

\*ค่า TDS ของน้ำเสีย บ่อเกรอะ (438) ลบ ค่า TDS ของน้ำประปา (320)



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 ว่างดัง TEL : 099 223 3022 , 02 173 5902 e-mail : Supot.theworks@ananda.co.th  
 SAMPLING SOURCE : Ideo Blucove Sukhumvit Condominium Juristic Person  
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-24-J0667  
 SAMPLING DATE : May 9, 2024 RECEIVED DATE : May 10, 2024  
 SAMPLING TIME : 11.30 Hour ANALYTICAL DATE : May 10 - 23, 2024  
 SAMPLING METHOD : Grab QUOTATION NO. : QL/24/0038/NF/Pw  
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-24-J1634

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อน้ำบาดาลชุดที่ 2	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	18.0	≤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	12.5	≤40
Settleable Solids	mg/l	Imhoff cone	<0.1	≤0.5
Sulfide	mg/l	Iodometric Method	NOT DETECTED	≤1.0
TKN*	mg/l	Semi-Micro Kjeldahl Method	52.0	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	64	≤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.

**Definition** \*: The test was subcontracted to another laboratory

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

\*ค่า TDS ของน้ำเสีย บ่อน้ำบาดาลชุดที่ 2 (384) ลบ ค่า TDS ของน้ำประปา (320)



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** : Waste Water **REPORT NO.** : JEX-Ww-24-J0667  
**SAMPLING DATE** : May 9, 2024 **RECEIVED DATE** : May 10, 2024  
**SAMPLING TIME** : 11.30 Hour **ANALYTICAL DATE** : May 10 - 23, 2024  
**SAMPLING METHOD** : Grab **QUOTATION NO.** : QL/24/0038/NF/Pw  
**SAMPLING BY** : Praphan Wongjaesem (ว-295-จ-0004) **WORK NO.** : Ww-24-J1635

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อน้ำบาดาลชุดที่ 3	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	14.0	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	≤20
pH	-	Electrometric Method	7.2 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	6.3	≤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	15.2	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	60	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
<b>SAMPLE CONDITION</b>			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

\*ค่า TDS ของน้ำเสีย บ่อน้ำบาดาลชุดที่ 3 (380) ลบ ค่า TDS ของน้ำประปา (320)



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)

ว-295-ค-0002

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

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



## Figure of sample

### 1. Influent



### 2. Effluent



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

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

**Remark:**

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

Figure of sample

3. บ่อหนอง



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.





Ecotech Water Systems Co., Ltd.

# Report for Sample Analysis Of

Ideo Blucove Sukhumvit Condominium

Juristic Person

(June 2024, 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](http://www.ecotechthailand.com) / [www.ecoilab.com](http://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 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-24-J0866  
 SAMPLING DATE : June 14, 2024 RECEIVED DATE : June 15, 2024  
 SAMPLING TIME : 15.30 Hour ANALYTICAL DATE : June 15 - 25, 2024  
 SAMPLING METHOD : Grab QUOTATION NO. : QL/24/0038/NF/Pw  
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-24-J2139

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อเกรอะ	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	125.0	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	-
pH	-	Electrometric Method	7.2 (25°C)	-
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	172	-
Settleable Solids	mg/l	Imhoff cone	40.0	-
Sulfide	mg/l	Iodometric Method	<LOQ (1.0)	-
TKN	mg/l	Semi-Micro Kjeldahl Method	98.0	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	174	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	>160,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Turbid	
			Sediment : Black	

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

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

**Definition** \*: The test was subcontracted to another laboratory

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

ค่า TDS ของน้ำเสีย บ่อเกรอะ (402) ลบ ค่า TDS ของน้ำประปา (228)



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, 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-24-J0866  
**SAMPLING DATE** : June 14, 2024 **RECEIVED DATE** : June 15, 2024  
**SAMPLING TIME** : 15.30 Hour **ANALYTICAL DATE** : June 15 - 25, 2024  
**SAMPLING METHOD** : Grab **QUOTATION NO.** : QL/24/0038/NF/Pw  
**SAMPLING BY** : Praphan Wongjaesem (ว-295-จ-0004) **WORK NO.** : Ww-24-J2140

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อนำบัดชุดที่ 2	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	19.0	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	≤ 20
pH	-	Electrometric Method	7.2 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	5.0	≤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	29.7	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	214	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	11,000	-
<b>SAMPLE CONDITION</b>			Sample Color / Turbid : Yellow / Cloudy	
			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

\*ค่า TDS ของน้ำเสีย บ่อนำบัดชุดที่ 2 (442) ลบ ค่า TDS ของน้ำประปา (228)



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, 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-24-J0866  
 SAMPLING DATE : June 14, 2024 RECEIVED DATE : June 15, 2024  
 SAMPLING TIME : 15.30 Hour ANALYTICAL DATE : June 15 - 25, 2024  
 SAMPLING METHOD : Grab QUOTATION NO. : QL/24/0038/NF/Pw  
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-24-J2141

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY
			บ่อน้ำบาดาลชุดที่ 3	STANDARD
BOD	mg/l	5-Day BOD Test, Azide Modification Method	4.9	≤30
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	≤20
pH	-	Electrometric Method	7.0 (25°C)	5.0-9.0
Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	3.6	≤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	5.0	≤35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	32	≤500
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	24,000	-
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.

**Definition** \*: The test was subcontracted to another laboratory

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

\*ค่า TDS ของน้ำเสีย บ่อน้ำบาดาลชุดที่ 3 (260) ลบ ค่า TDS ของน้ำประปา (228)



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)

ว-295-ค-0002

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

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



Figure of sample

1. Influent



2. Effluent



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)

ว-295-ค-0002

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



Figure of sample

3. บ่อหนอง



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.