

Report for Sample Analysis Of

นิติบุคคลอาคารชุด ไฮดีโอ

สุขุมวิท 115

(February 2024, 1/12)

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Report for Sample Analysis

CUSTOMER NAME : นิติบุคคลอาคารชุด ไอดีโอ สุขุมวิท 115
 ADDRESS : 234 ม.4 ต.เทพารักษ์ อ.เมืองสมุทรปราการ จ.สมุทรปราการ 10270
 CONTACT DETAILS : คุณ สุรัชย์ TEL: 064 983 6659 E-mail: Nitiideo.s115@gmail.com
 SAMPLING SOURCE : นิติบุคคลอาคารชุด ไอดีโอ สุขุมวิท 115
 SAMPLE TYPE/NAME : Waste Water REPORT NO. : JEX-Ww-24-J0210
 SAMPLING DATE : February 8, 2024 RECEIVED DATE : February 9, 2024
 SAMPLING TIME : 11.00 Hour ANALYTICAL DATE : February 9-19, 2024
 SAMPLING METHOD : Grab QUOTATION NO. : QL/24/0024/SW/Pw
 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-24-J0473

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--------------------------|-----------|---|---|------------------------|
| | | | Influent | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 40.0 | - |
| Grease and Oil | mg/l | Liquid-Liquid, Partition-Gravimetric Method | <LOQ (5.0) | - |
| pH | - | Electrometric Method | 4.7 (25°C) | - |
| Total Suspended Solids | mg/l | Total Suspended Solids Dried at 103-105°C | 32.1 | - |
| Settleable Solids | mg/l | Imhoff cone | <0.1 | - |
| Sulfide | mg/l | Iodometric Method | 1.00 | - |
| TKN* | mg/l | Semi-Micro Kjeldahl Method | 11.0 | - |
| Total Dissolved Solids | mg/l | Total Dissolved Solids Dried at 180°C | 216 | - |
| Total Coliform Bacteria* | MPN/100ml | Multiple Tube Fermentation Technique | >160,000 | - |
| SAMPLE CONDITION | | | Sample Color / Turbid : Yellow / Cloudy | |
| | | | Sediment : A bit | |

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

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

Definition *: The test was subcontracted to another laboratory

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

*ค่า TDS ของน้ำเสีย Influent (486) ลบ ค่า TDS ของน้ำประปา (270)



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.

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 SAMPLING BY : Praphan Wongjaesem (ว-295-จ-0004) WORK NO. : Ww-24-J0474

| PARAMETERS | UNIT | METHOD OF ANALYSIS | RESULT | REGULATORY STANDARD |
|--------------------------|-----------|---|--|---------------------|
| | | | Effluent | |
| BOD | mg/l | 5-Day BOD Test, Azide Modification Method | 11.2 | ≤ 20 |
| Grease and Oil | mg/l | Liquid-Liquid, Partition-Gravimetric Method | <LOQ (5.0) | ≤ 20.0 |
| pH | - | Electrometric Method | 7.7 (25°C) | 5.0-9.0 |
| Total Suspended Solids | mg/l | Total Suspended Solids Dried at 103-105°C | 5.8 | ≤ 30 |
| Settleable Solids | mg/l | Imhoff cone | <0.1 | ≤ 0.5 |
| Sulfide | mg/l | Iodometric Method | NOT DETECTED | ≤ 1.0 |
| TKN* | mg/l | Semi-Micro Kjeldahl Method | 10.3 | ≤ 35 |
| Total Dissolved Solids | mg/l | Total Dissolved Solids Dried at 180°C | 44 | ≤ 500 |
| Total Coliform Bacteria* | MPN/100ml | Multiple Tube Fermentation Technique | 49 | - |
| 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 Effluent (314) ลบ ค่า TDS ของน้ำประปา (270)



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager:

(Dr. Angsana Romsaiyud)

ว-295-ค-0002

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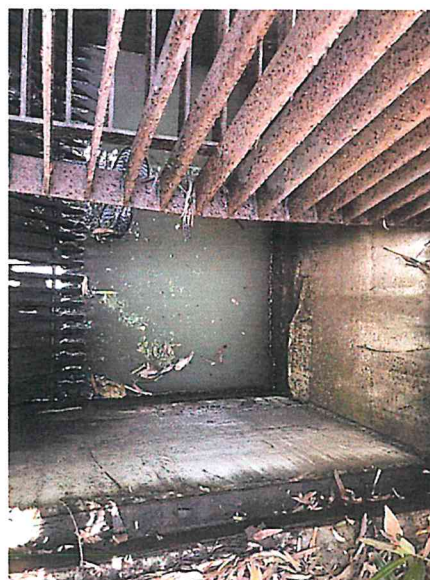
2) Do not copy partial of this analysis report without official approval.

Figure of sample

1. Influent



2. Effluent



ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Laboratory Manager: _____

Ang N
(Dr. Angsana Romsaiyud)

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