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## ภาคผนวก ค-4

คุณลักษณะน้ำเสียโรงงาน

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140547  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3193107-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140547-1  
Sampled Date Jan 09, 2025 11:00 AM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_009\_2564 Plot Z-558 Site AGRI SYRUP INDUSTRY (THAILAND) Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property Yellow, a lot of odour, some solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 6.8    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansoon Khayakulchai vutthasarnit > 323-a-0005

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.  
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Scientist (V)  
วชิรณัฐ วัชรวิเศษ  
วชิรณัฐ วัชรวิเศษ > 323-a-0028

Senior Manager  
วชิรณัฐ วัชรวิเศษ > 323-a-0001

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0127-123 (THAILAND)

3193107-1, 0127-123 (THAILAND)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140545  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192899-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140545-1  
Sampled Date Jan 09, 2025 10:50 AM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_007\_2564 Plot Z-556 Site AGRI SYRUP INDUSTRY (THAILAND) Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 24.7   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansoon Khayakulchai vutthasarnit > 323-a-0005

Remark :  
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Technical Management

Scientist (V)  
วชิรณัฐ วัชรวิเศษ  
วชิรณัฐ วัชรวิเศษ > 323-a-0028

Senior Manager  
วชิรณัฐ วัชรวิเศษ > 323-a-0001

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3192899-1, 0127-123 (THAILAND)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140546  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192902-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140546-1  
Sampled Date Jan 09, 2025 10:55 AM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_008\_2564 Plot Z-55H Site AGRI SYRUP INDUSTRY (THAILAND) Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 187    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -    | -   | -         | 6.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansoon Khayakulchai vutthasarnit > 323-a-0005

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Technical Management

Scientist (V)  
วชิรณัฐ วัชรวิเศษ  
วชิรณัฐ วัชรวิเศษ > 323-a-0028

Senior Manager  
วชิรณัฐ วัชรวิเศษ > 323-a-0001

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3192902-1, 0127-123 (THAILAND)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140554  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3193114-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140554-1  
Sampled Date Jan 09, 2025 2:00 PM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_004\_2565 Plot Z-598 Site AIR INTERNATIONAL THERMAL SYSTEMS ( THAILAND ) LIMITED  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 148    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 8      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansoon Khayakulchai vutthasarnit > 323-a-0005

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Technical Management

Scientist (V)  
วชิรณัฐ วัชรวิเศษ  
วชิรณัฐ วัชรวิเศษ > 323-a-0028

Senior Manager  
วชิรณัฐ วัชรวิเศษ > 323-a-0001

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3193114-1, 0127-123 (THAILAND)







## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140505  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192710-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140505-1  
Sampled Date Jan 09, 2025 10:30 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_009\_2558 Plot A-08C Site Asahi Diamond (Thailand) Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 191    | ≤500                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 6.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansorn Khuyoksa เวศสุวรรณย์ > 323-a-0005

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Technical Management



Senior Manager  
เวศสุวรรณย์ > 323-a-0028

Senior Manager  
เวศสุวรรณย์ > 323-a-0001

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3192710-1, 0127-127 (THAILAND)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140564  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3193133-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140564-1  
Sampled Date Jan 09, 2025 11:05 AM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_006\_2566 Plot B11-B Site ASPECTH TECHNOLOGY (THAILAND) COMPANY LIMITED  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 38.8   | ≤500                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 8      | ≤10                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansorn Khuyoksa เวศสุวรรณย์ > 323-a-0005

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Technical Management



Senior Manager  
เวศสุวรรณย์ > 323-a-0028

Senior Manager  
เวศสุวรรณย์ > 323-a-0001

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3193133-1, 0127-127 (THAILAND)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140544  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192898-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140544-1  
Sampled Date Jan 09, 2025 3:40 PM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_005\_2564 Plot C-01 Site ATEN COMPUTER PRODUCT Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 104    | ≤500                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansorn Khuyoksa เวศสุวรรณย์ > 323-a-0005

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Technical Management



Senior Manager  
เวศสุวรรณย์ > 323-a-0028

Senior Manager  
เวศสุวรรณย์ > 323-a-0001

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0127-127 (THAILAND)

3192898-1, 0127-127 (THAILAND)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140511  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192734-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

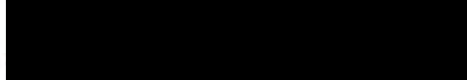
Sample Number 24140511-1  
Sampled Date Jan 09, 2025 2:00 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_001\_2550 Plot F-11 Site Aui Heng Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 14.6   | ≤500                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansorn Khuyoksa เวศสุวรรณย์ > 323-a-0005

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.  
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management



Senior Manager  
เวศสุวรรณย์ > 323-a-0028

Senior Manager  
เวศสุวรรณย์ > 323-a-0001

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RIGHT SOLUTIONS RIGHT PARTNER

0127-127 (THAILAND)

3192734-1, 0127-127 (THAILAND)





## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 24140590  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192821-1

Page 1 of 2

Sample Number 24140590-1  
Sampled Date Jan 10, 2025 9:32 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_002\_2559 Plot A Site B. Grimm Power (WHA) 1 Limited.  
Location Office  
Date Analysis Commenced Jan 10, 2025  
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                                      | Unit     | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|----------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>                         |          |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                  | mg/L     | -   | 2.0       | 47.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 O-G | Rayong           |
| COO  | mg/L     | 1.5 | 25        | 140    | ≤750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                | Rayong           |
| Color (at Original pH)                       | ADMI     | -   | 5         | 211    | ≤600                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F                | Rayong           |
| Color (at pH 7.0)                            | ADMI     | -   | 5         | 209    | ≤600                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F                | Rayong           |
| Oil & Grease                                 | mg/L     | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                | Rayong           |
| pH (on site) *                               |          | -   | -         | 6.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)          | Rayong           |
| Temperature *                                | Degree C | -   | -         | 27.6   | ≤45                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B                | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L     | -   | 5         | 324    | ≤3000                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                | Rayong           |

Technical Management

Scientist (3)  
หน้างาน 331-8-9 มอ 6  
หน้างาน 331-8-9 มอ 6

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RIGHT SOLUTIONS RIGHT PARTNER

5127-123 (THAILAND)

3192821-1 (THAILAND)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 24140590  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192821-1

Page 2 of 2

Sample Number 24140590-1  
Sampled Date Jan 10, 2025 9:32 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_002\_2559 Plot A Site B. Grimm Power (WHA) 1 Limited.  
Location Office  
Date Analysis Commenced Jan 10, 2025  
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>                             |      |     |           |        |                           |  |                  |
| Total Kjeldahl Nitrogen as N                     | mg/L | -   | 1.0       | 49.5   | ≤100                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Nitro (C), part 4500-Nitro (D) | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | -   | 5         | 27     | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                              | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak หน้างาน 331-8-9 มอ 6

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation (ISO/IEC 17025).  
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Scientist (3)  
หน้างาน 331-8-9 มอ 6  
หน้างาน 331-8-9 มอ 6

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3192821-1 (THAILAND)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 24140590  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192821-2

Page 1 of 1

Sample Number 24140590-1  
Sampled Date Jan 10, 2025 9:32 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_002\_2559 Plot A Site B. Grimm Power (WHA) 1 Limited.  
Location Office  
Date Analysis Commenced Jan 10, 2025  
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte              | Unit              | LOD | LOQ (LOR) | Result      | Guideline / Specification | Method        | Testing Location |
|----------------------|-------------------|-----|-----------|-------------|---------------------------|---------------|------------------|
| <b>Water Testing</b> |                   |     |           |             |                           |               |                  |
| Flow rate            | m <sup>3</sup> /s | -   | -         | No Velocity | No Standard               | Flow meter    | Rayong           |
| Odour                |                   | -   | -         | Odour       | No Standard               | TTS, 257-2549 | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Scientist (3)  
หน้างาน 331-8-9 มอ 6  
หน้างาน 331-8-9 มอ 6

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3192821-2 (THAILAND)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 24140589  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192828-1

Page 1 of 2

Sample Number 24140589-1  
Sampled Date Jan 10, 2025 9:38 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_002\_2559 Plot A Site B. Grimm Power (WHA) 1 Limited.  
Location Process  
Date Analysis Commenced Jan 10, 2025  
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property Yellow, some odour, solid and turbid

| Analyte                     | Unit     | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|----------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |          |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L     | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 O-G | Rayong           |
| COO                         | mg/L     | 1.5 | 25        | 41     | ≤750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                | Rayong           |
| Color (at Original pH)      | ADMI     | -   | 5         | 7      | ≤600                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F                | Rayong           |
| Color (at pH 7.0)           | ADMI     | -   | 5         | 6      | ≤600                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F                | Rayong           |
| Oil & Grease                | mg/L     | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                | Rayong           |
| pH (on site) *              |          | -   | -         | 7.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)          | Rayong           |
| Residual Free Chlorine *    | mg/L     | -   | 0.1       | <0.1   | ≤1                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-C (F)            | Rayong           |
| Temperature *               | Degree C | -   | -         | 25.6   | ≤45                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B                | Rayong           |

Technical Management

Scientist (3)  
หน้างาน 331-8-9 มอ 6  
หน้างาน 331-8-9 มอ 6

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
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Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1



TESTING  
No.0042  
Lot ID: 24140589-1  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192828-1

Page 2 of 2

| Sample Number                                    | 24140589-1   |      |           |        |                                 |   |                  |
|--|--|------|-----------|--------|---------------------------------|---|------------------|
| Sampled Date                                     | Jan 10, 2025 9:38 AM   |      |           |        |                                 |   |                  |
| Sample Description                               | Wastewater   |      |           |        |                                 |   |                  |
| Contract ID                                      | L_CIE_003_2559   | Plot | A         | Site   | B. Grimm Power (WHA) 1 Limited. |   |                  |
| Location   | Process  |      |           |        |                                 |   |                  |
| Date Analysis Commenced                          | Jan 10, 2025   |      |           |        |                                 |   |                  |
| Condition of Sample                              | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                 |   |                  |
| Physical Property                                | Yellow, some odour, solid and turbid   |      |           |        |                                 |   |                  |
| Analyte  | Unit   | LOD  | LOQ (LOB) | Result | Guideline / Specification       | Method  | Testing Location |
| <b>Water Testing</b>                             |  |      |           |        |                                 |   |                  |
| Total Dissolved Solids Dried at 180 degree C     | mg/L   | -    | 5         | 1290   | ≤3000                           | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                       | Rayong           |
| Total Kjeldahl Nitrogen as N                     | mg/L   | -    | 1.0       | 1.3    | ≤100                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Hong (C), part 9810 (D) | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L   | -    | 5         | 12     | ≤200                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                       | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak veitvianawar 323-a-0021

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management



Scientist (3)  
veitvianawar 323-a-0031

Senior Manager  
veitvianawar 323-a-0001

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3192828-1



## Analysis / Test Report

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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Lot ID: 24140589-1  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192828-2

Page 1 of 1

| Sample Number           | 24140589-1   |      |           |             |                                 |               |                  |
|-------------------------|--|------|-----------|-------------|---------------------------------|---------------|------------------|
| Sampled Date            | Jan 10, 2025 9:38 AM   |      |           |             |                                 |               |                  |
| Sample Description      | Wastewater   |      |           |             |                                 |               |                  |
| Contract ID             | L_CIE_003_2559   | Plot | A         | Site        | B. Grimm Power (WHA) 1 Limited. |               |                  |
| Location                | Process  |      |           |             |                                 |               |                  |
| Date Analysis Commenced | Jan 10, 2025   |      |           |             |                                 |               |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |             |                                 |               |                  |
| Physical Property       | Yellow, some odour, solid and turbid   |      |           |             |                                 |               |                  |
| Analyte                 | Unit   | LOD  | LOQ (LOR) | Result      | Guideline / Specification       | Method        | Testing Location |
| Water Testing           |  |      |           |             |                                 |               |                  |
| Flow rate               | m3/s   | -    | -         | No Velocity | No Standard                     | Flow meter    | Rayong           |
| Odour                   | -  | -    | -         | Odourless   | No Standard                     | TIS, 257-2549 | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1



TESTING  
No.0042  
Lot ID: 24140586-1  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192818-1

Page 1 of 1

| Sample Number                                    | 24140586-1   |      |           |        |                           |  |                  |
|--|--|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                                     | Jan 09, 2025 11:25 AM  |      |           |        |                           |  |                  |
| Sample Description                               | Wastewater   |      |           |        |                           |  |                  |
| Contract ID                                      | L_CIE_002_2555   | Plot | Z-68      | Site   | BHN (THAILAND) Co.,Ltd.   |  |                  |
| Date Analysis Commenced                          | Jan 09, 2025   |      |           |        |                           |  |                  |
| Condition of Sample                              | Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |                  |
| Physical Property                                | Yellow, a lot of odour, some solid and no turbid   |      |           |        |                           |  |                  |
| Analyte  | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Water Testing                                    |  |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L   | -    | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| COD  | mg/L   | -    | 1.5       | <2.5   | ≤750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                     | mg/L   | -    | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -  | -    | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L   | -    | 5         | 8      | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansorn Khayokasak veitvianawar 323-a-0005

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management



Scientist (4)  
veitvianawar 323-a-0028

Senior Manager  
veitvianawar 323-a-0001

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3192818-1



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

TESTING  
No.0042  
Lot ID: 24140568-1  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3193141-1

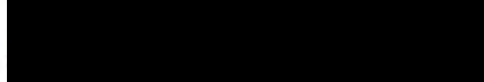
Page 1 of 1

| Sample Number               | 24140568-1  |      |                    |        |                                  |  |                  |
|-----------------------------|---|------|--------------------|--------|----------------------------------|--|------------------|
| Sampled Date                | Jan 09, 2025 3:25 PM  |      |                    |        |                                  |  |                  |
| Sample Description          | Wastewater  |      |                    |        |                                  |  |                  |
| Contract ID                 | L_WHA_CIE1_001_2567   | Plot | K.9,K.10,K.11,K.12 | Site   | BNSS STEEL GROUP COMPANY LIMITED |  |                  |
| Date Analysis Commenced     | Jan 09, 2025  |      |                    |        |                                  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |                    |        |                                  |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |                    |        |                                  |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR)          | Result | Guideline / Specification        | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |                    |        |                                  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0                | 69.8   | ≤500                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3                  | 10     | ≤10                              | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -                  | 7.7    | 5.5-9.0                          | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansorn Khayokasak veitvianawar 323-a-0005

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.  
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management



Scientist (1)  
veitvianawar 323-a-0028

Senior Manager  
veitvianawar 323-a-0001

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3193141-1





## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140562  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192830-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140562-1  
Sampled Date Jan 10, 2025 10:22 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_003\_2550 Plot B-5 Site Boncafe (Thailand) Ltd.  
Date Analysis Commenced Jan 10, 2025  
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>                             |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L | -   | 2.0       | 41.4   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                                     | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | -   | 5         | 23     | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattamasak ๖323-๙-0021

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.  
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management



๖323-๙-0031

๖323-๙-0001

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0127-123 (THAILAND)

3192830-1, 3192830-1 (0127THAILAND)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140491  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192690-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140491-1  
Sampled Date Jan 10, 2025 10:13 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_009\_2557 Plot B-04 Site Castool Tooling systems.  
Date Analysis Commenced Jan 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 14.1   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattamasak ๖323-๙-0021

Remark :  
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Technical Management



๖323-๙-0031

๖323-๙-0001

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3192690-1, 3192690-1 (0127THAILAND)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140533  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192881-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140533-1  
Sampled Date Jan 09, 2025 2:40 PM  
Sample Description Wastewater  
Contract ID L\_WHA\_CIE1\_001\_2563 Plot D.13/1,D.13/3(A) Site Chonburi Clean Energy Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property Yellow, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sansorn Khuyokasak ๖323-๙-0005

Remark :  
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Technical Management



๖323-๙-0028

๖323-๙-0001

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0127-123 (THAILAND)

3192881-1, 3192881-1 (0127THAILAND)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140521  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192788-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140521-1  
Sampled Date Jan 09, 2025 11:15 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_028\_2550 Plot Z-48 Site Coil Tech Steel (Thailand) Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property Yellow, a lot of odour, solid and some turbid

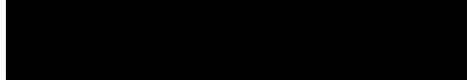
| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sansorn Khuyokasak ๖323-๙-0005

Remark :  
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Technical Management



๖323-๙-0028

๖323-๙-0001

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3192788-1, 3192788-1 (0127THAILAND)





## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140497  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192699-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140497-1  
Sampled Date Jan 10, 2025 2:15 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_004\_2550 Plot E-5 Site Dafuku (Thailand) Ltd.  
Date Analysis Commenced Jan 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 54.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 3      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak veetienasarn >323-a-0021

Remark :  
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Technical Management



Senior Manager  
veetienasarn >323-a-0031

Senior Manager  
veetienasarn >323-a-0001

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0121-1210 (THAILAND)

3192699-1\_01\_01\_01 (1:00PM)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140529  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192799-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140529-1  
Sampled Date Jan 09, 2025 11:35 AM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_004\_2562 Plot Z-67 Site DT Wiring Systems (Thailand) Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 50.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansorn Khayakos veetienasarn >323-a-0005

Remark :  
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Technical Management



Senior Manager  
veetienasarn >323-a-0028

Senior Manager  
veetienasarn >323-a-0001

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0121-1210 (THAILAND)

3192799-1\_01\_01\_01 (1:00PM)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140531  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192802-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140531-1  
Sampled Date Jan 09, 2025 1:50 PM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_006\_2562 Plot Z-52 Site DTS Draendmaier Automotive Systems (Thailand) Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 276    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansorn Khayakos veetienasarn >323-a-0005

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
veetienasarn >323-a-0028

Senior Manager  
veetienasarn >323-a-0001

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0121-1210 (THAILAND)

3192802-1\_01\_01\_01 (1:00PM)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140481  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192672-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

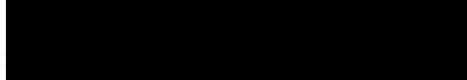
Sample Number 24140481-1  
Sampled Date Jan 09, 2025 9:55 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_005\_2550 Plot A-1 Site Dusholux (Siam) Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, some odour, a lot of solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 17.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 3      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansorn Khayakos veetienasarn >323-a-0005

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
veetienasarn >323-a-0028

Senior Manager  
veetienasarn >323-a-0001

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0121-1210 (THAILAND)

3192672-1\_01\_01\_01 (1:00PM)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 241405222  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192790-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140522-1  
Sampled Date Jan 09, 2025 11:20 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_007\_2550 Plot Z-49 Site EBRO Valves (Thailand) Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and a lot of turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 217    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Samson Khayakosai วสุวัฒนาวิทย์ 3-323-4-0005

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.  
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management



Senior Manager  
วสุวัฒนาวิทย์ 3-323-4-0001

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0127-1237 0946

3192790-1\_01\_01\_01 (4/2596)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 241405422  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192895-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140542-1  
Sampled Date Jan 09, 2025 11:40 AM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_002\_2564 Plot B6-A Site ENRX Limited  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 66.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 6      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Samson Khayakosai วสุวัฒนาวิทย์ 3-323-4-0005

Remark :  
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Technical Management



Senior Manager  
วสุวัฒนาวิทย์ 3-323-4-0001

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3192895-1\_01\_01\_01 (5/2596)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 241404822  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192673-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140482-1  
Sampled Date Jan 09, 2025 10:00 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_001\_2557 Plot A-2 Site Felcol Manufacturing Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 127    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 7      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Samson Khayakosai วสุวัฒนาวิทย์ 3-323-4-0005

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Technical Management



Senior Manager  
วสุวัฒนาวิทย์ 3-323-4-0001

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3192673-1\_01\_01\_01 (3/2496)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 241405612  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3193128-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

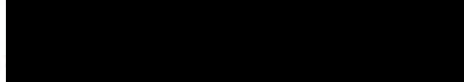
Sample Number 24140561-1  
Sampled Date Jan 09, 2025 2:15 PM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_003\_2566 Plot Z-59E Site FES & RAYSON ELECTRONICS Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Samson Khayakosai วสุวัฒนาวิทย์ 3-323-4-0005

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Senior Manager  
วสุวัฒนาวิทย์ 3-323-4-0001

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3193128-1\_01\_01\_01 (3/2496)





## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140528  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192797-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 24140528-1   |      |           |        |                                       |  |                  |
|-----------------------------|--|------|-----------|--------|---------------------------------------|--|------------------|
| Sampled Date                | Jan 09, 2025 2:20 PM   |      |           |        |                                       |  |                  |
| Sample Description          | Wastewater   |      |           |        |                                       |  |                  |
| Contract ID                 | L_WHA  | Plot | Z-59F     | Site   | FES International (Thailand) Co.,Ltd. |  |                  |
|                             | CIE1_002_2562  |      |           |        |                                       |  |                  |
| Date Analysis Commenced     | Jan 09, 2025   |      |           |        |                                       |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                                       |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, some solid and no turbid   |      |           |        |                                       |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification             | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |                                       |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | —    | 2.0       | 80.1   | ≤500                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | —    | 3         | 4      | ≤10                                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | —  | —    | —         | 7.4    | 5.5-9.0                               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khuyakou วสุวัฒนาธร 3-323-a-0005

Remark :

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Technical Management



Senior Manager  
วสุวัฒนาธร 3-323-a-0001

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3192797-1, 3192797-1



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140552  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3193112-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 24140552-1   |      |           |        |                            |  |                  |
|-----------------------------|--|------|-----------|--------|----------------------------|--|------------------|
| Sampled Date                | Jan 09, 2025 2:25 PM   |      |           |        |                            |  |                  |
| Sample Description          | Wastewater   |      |           |        |                            |  |                  |
| Contract ID                 | L_WHA  | Plot | Z-59G     | Site   | FES International Co.,Ltd. |  |                  |
|                             | CIE1_002_2565  |      |           |        |                            |  |                  |
| Date Analysis Commenced     | Jan 09, 2025   |      |           |        |                            |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                            |  |                  |
|                             | (APHA / 15679)   |      |           |        |                            |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and no turbid  |      |           |        |                            |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification  | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |                            |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 51.5   | ≤500                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | <3     | ≤10                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 8.2    | 5.5-9.0                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khuyakou วสุวัฒนาธร 3-323-a-0005

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management



Senior Manager  
วสุวัฒนาธร 3-323-a-0001

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3193112-1, 3193112-1



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140550  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3193110-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Page 1 of 1

| Sample Number               | 24140550-1  |      |           |        |                                |  |                  |
|-----------------------------|---|------|-----------|--------|--------------------------------|--|------------------|
| Sampled Date                | Jan 09, 2025 11:40 AM   |      |           |        |                                |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                |  |                  |
| Contract ID                 | L_CIE_010_2558  | Plot | Z-66      | Site   | Finox Global Industry Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Jan 09, 2025  |      |           |        |                                |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |                                |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification      | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                                |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | —    | 2.0       | 25.2   | ≤500                           | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | —    | 3         | <3     | ≤10                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | —   | —    | —         | 7.3    | 5.5-9.0                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khuyakou วสุวัฒนาธร 3-323-a-0005

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management



Senior Manager  
วสุวัฒนาธร 3-323-a-0001

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3193110-1, 3193110-1



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140506  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192727-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Page 1 of 3

| Sample Number               | 24140506-1  |      |           |        |  |  |                  |
|-----------------------------|---|------|-----------|--------|--|--|------------------|
| Sampled Date                | Jan 10, 2025 10:29 AM   |      |           |        |  |  |                  |
| Sample Description          | Wastewater  |      |           |        |  |  |                  |
| Contract ID                 | L_CIE_011_2558  | Plot | B-6       | Site   | FRASERS PROPERTY (THAILAND) PUBLIC COMPANY LIMITED |  |                  |
| Location                    | บริเวณ คลองน้ำไหลในโรงงาน   |      |           |        |  |  |                  |
| Date Analysis Commenced     | Jan 10, 2025  |      |           |        |  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |  |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |  |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification                          | Method   | Testing Location |
| Water Testing               |   |      |           |        |  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 106    | ≤500   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 3      | ≤10  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 8.2    | 5.5-9.0  | Standard Methods for the Examination of Water and  | Rayong           |

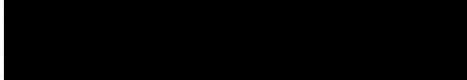
Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphassak Sakhathorn วสุวัฒนาธร 3-323-a-0001

Remark :

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Technical Management



Senior Manager  
วสุวัฒนาธร 3-323-a-0001

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3192727-1, 3192727-1





## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140567  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3193138-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number 24140567-1  
Sampled Date Jan 10, 2025 2:14 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_013\_2558 Plot D-7 Site FRASERS PROPERTY (THAILAND) PUBLIC COMPANY LIMITED  
Date Analysis Commenced Jan 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 24.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 3      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattamasak วัฒนาสาร 323-a-0001

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Screen (1)  
วัฒนาสาร 323-a-0001

Senior Manager  
วัฒนาสาร 323-a-0001

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3193138-1, 3193138-1



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140540  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192892-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number 24140540-1  
Sampled Date Jan 10, 2025 2:18 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_014\_2558 Plot D-8 Site FRASERS PROPERTY (THAILAND) PUBLIC COMPANY LIMITED  
Date Analysis Commenced Jan 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 29.5   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattamasak วัฒนาสาร 323-a-0001

Remark :  
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Technical Management



Screen (1)  
วัฒนาสาร 323-a-0001

Senior Manager  
วัฒนาสาร 323-a-0001

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3192892-1, 3192892-1



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140559  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3193131-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number 24140559-1  
Sampled Date Jan 10, 2025 2:45 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_011\_2557 Plot D-1 Site FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT  
Date Analysis Commenced Jan 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 23.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattamasak วัฒนาสาร 323-a-0001

Remark :  
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Technical Management



Screen (1)  
วัฒนาสาร 323-a-0001

Senior Manager  
วัฒนาสาร 323-a-0001

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3193131-1, 3193131-1



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140499  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192701-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

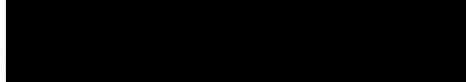
Sample Number 24140499-1  
Sampled Date Jan 10, 2025 2:38 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_010\_2557 Plot D-2 Site FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT  
Date Analysis Commenced Jan 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 77.6   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 9      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattamasak วัฒนาสาร 323-a-0001

Remark :  
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Technical Management



Screen (1)  
วัฒนาสาร 323-a-0001

Senior Manager  
วัฒนาสาร 323-a-0001

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3192701-1, 3192701-1



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140502  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192706-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140502-1  
Sampled Date Jan 10, 2025 2:29 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_004\_2558 Plot D-6 Site FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT

Date Analysis Commenced Jan 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 105    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak veftmawarw > 323-a-0001

Remark :

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Technical Management



Senior Manager  
veftmawarw > 323-a-0001

Senior Manager  
veftmawarw > 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140515  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192740-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140515-1  
Sampled Date Jan 09, 2025 1:45 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_007\_2556 Plot Z-13 Site FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT

Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 33.8   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

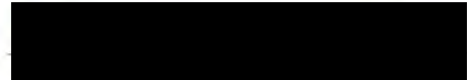
Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayeksa veftmawarw > 323-a-0005

Remark :

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Technical Management



Senior Manager  
veftmawarw > 323-a-0005

Senior Manager  
veftmawarw > 323-a-0005

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140537  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192889-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140537-1  
Sampled Date Jan 10, 2025 10:36 AM  
Sample Description Wastewater  
Contract ID L\_WHA\_CIE1\_011\_2563 Plot B-7 Site Glory Winner (Thailand) Co.,Ltd.

Date Analysis Commenced Jan 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 35.4   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 0      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak veftmawarw > 323-a-0001

Remark :

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Technical Management



Senior Manager  
veftmawarw > 323-a-0001

Senior Manager  
veftmawarw > 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140498  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192701-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140498-1  
Sampled Date Jan 09, 2025 3:10 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_009\_2550 Plot M-1 Site Glow IPP Co.,Ltd.

Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 19.4   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

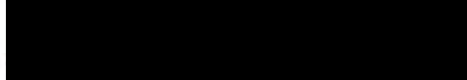
Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayeksa veftmawarw > 323-a-0005

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management



Senior Manager  
veftmawarw > 323-a-0005

Senior Manager  
veftmawarw > 323-a-0005

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140541  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192894-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 24140541-1  |      |           |        |                                |  |                  |
|-----------------------------|---|------|-----------|--------|--------------------------------|--|------------------|
| Sampled Date                | Jan 09, 2025 11:30 AM   |      |           |        |                                |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                |  |                  |
| Contract ID                 | L_WHA   | Plot | B-8       | Site   | Hi-Plus Import-Export Co.,Ltd. |  |                  |
|                             | CIEI_001_2564   |      |           |        |                                |  |                  |
|                             | Jan 09, 2025  |      |           |        |                                |  |                  |
| Date Analysis Commenced     | Jan 09, 2025  |      |           |        |                                |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                |  |                  |
| Physical Property           | Yellow, some odour, solid and no turbid   |      |           |        |                                |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification      | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                                |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 7.2    | ≤500                           | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.2    | 5.5-9.0                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayakun veftmawarv 323-a-0005

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management



Manager  
veftmawarv 323-a-0028

Senior Manager  
veftmawarv 323-a-0001

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537-123 (THAI)

53766661\_01\_01\_01 (04/09/20)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140591  
Date Received : Jan 10, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192818-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number                                | 24140591-1   |      |           |        |   |  |                  |
|--|--|------|-----------|--------|---|--|------------------|
| Sampled Date                                 | Jan 10, 2025 9:55 AM   |      |           |        |   |  |                  |
| Sample Description                           | Wastewater   |      |           |        |   |  |                  |
| Contract ID                                  | L_CIE_011_2550   | Plot | B-1       | Site   | Honey Well Electronic Materials (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced                      | Jan 10, 2025   |      |           |        |   |  |                  |
| Condition of Sample                          | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property                            | Colorless, some odour, solid and no turbid   |      |           |        |   |  |                  |
| Analyte                                      | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification                           | Method   | Testing Location |
| Water Testing                                |  |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C)                  | mg/L   | -    | 2.0       | 15.1   | ≤500  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                                 | mg/L   | -    | 3         | <3     | ≤10   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                               | -  | -    | -         | 6.4    | 5.5-9.0   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L   | -    | 5         | 1410   | ≤3000   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |

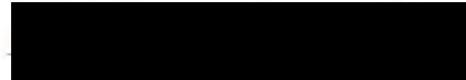
Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattamasak veftmawarv 323-a-0001, Patraporn Sawangratam veftmawarv 3204-a-0002

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management



Manager  
veftmawarv 323-a-0001

Senior Manager  
veftmawarv 323-a-0001

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53766661\_01\_01\_01 (04/09/20)



## Analysis / Test Report

TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140591  
Date Received : Jan 10, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192818-2

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number           | 24140591-1   |        |           |        |   |  |                  |
|-------------------------|--|--------|-----------|--------|---|--|------------------|
| Sampled Date            | Jan 10, 2025 9:55 AM   |        |           |        |   |  |                  |
| Sample Description      | Wastewater   |        |           |        |   |  |                  |
| Contract ID             | L_CIE_011_2550   | Plot   | B-1       | Site   | Honey Well Electronic Materials (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced | Jan 13, 2025   |        |           |        |   |  |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |        |   |  |                  |
| Physical Property       | Colorless, some odour, solid and no turbid   |        |           |        |   |  |                  |
| Analyte                 | Unit   | LOD    | LOQ (LOR) | Result | Guideline / Specification                           | Method   | Testing Location |
| <b>Metals Testing</b>   |  |        |           |        |   |  |                  |
| Nickel                  | mg/L   | 0.0003 | 0.0005    | 0.09   | ≤1.0  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattamasak veftmawarv 323-a-0001, Patraporn Sawangratam veftmawarv 3204-a-0002

Remark :

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Technical Management



Manager  
veftmawarv 3204-a-0007

Assistant General Manager  
veftmawarv 3204-a-0004

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537-123 (THAI)

53766661\_01\_01\_01 (04/09/20)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140539  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192891-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 24140539-1  |      |           |        |                             |  |                  |
|-----------------------------|---|------|-----------|--------|-----------------------------|--|------------------|
| Sampled Date                | Jan 09, 2025 3:07 PM  |      |           |        |                             |  |                  |
| Sample Description          | Wastewater  |      |           |        |                             |  |                  |
| Contract ID                 | L_WHA   | Plot | Z-63      | Site   | Imanaka (Thailand) Co.,Ltd. |  |                  |
|                             | CIEI_016_2563   |      |           |        |                             |  |                  |
|                             | Jan 09, 2025  |      |           |        |                             |  |                  |
| Date Analysis Commenced     | Jan 09, 2025  |      |           |        |                             |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                             |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |                             |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification   | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                             |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 78.2   | ≤500                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.1    | 5.5-9.0                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

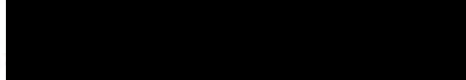
Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayakun veftmawarv 323-a-0005

Remark :

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Technical Management



Manager  
veftmawarv 323-a-0028

Senior Manager  
veftmawarv 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

Lot ID: 24140485  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192680-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140485-1  
Sampled Date Jan 09, 2025 10:25 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_002\_2550 Plot A-7 Site In-Season Foods Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 65.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarsoen Khuyosai เว็บบ้านที่ > 323-4-0005

Remark :  
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Technical Management



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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

Lot ID: 24140587  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192808-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140587-1  
Sampled Date Jan 09, 2025 3:20 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_002\_2558 Plot M-2 Site Insee Ecocycle Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, some odour, solid and no turbid

| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing                                    |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L | -   | 2.0       | 12.1   | ≤500                      | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| COD  | mg/L | 1.5 | 25        | 41     | ≤750                      | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                     | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -    | -   | -         | 7.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | -   | 5         | 12     | ≤200                      | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarsoen Khuyosai เว็บบ้านที่ > 323-4-0005

Remark :  
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Technical Management



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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

Lot ID: 24140579  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192781-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140579-1  
Sampled Date Jan 09, 2025 9:55 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_002\_2561 Plot Z-18 Site KIMSONG ARTWOOD Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and no turbid

| Analyte                     | Unit | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|------|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -    | 2.0       | 40.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Formaldehyde                | mg/L | 0.01 | 0.1       | <0.1   | <1                        | Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004                                 | Rayong           |
| Oil & Grease                | mg/L | -    | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -    | -         | 7.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarsoen Khuyosai เว็บบ้านที่ > 323-4-0005

Remark :  
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Technical Management



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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

Lot ID: 24140523  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192791-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140523-1  
Sampled Date Jan 09, 2025 1:55 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_016\_2557 Plot Z-59A Site Kintetu Logistics (Thailand) Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 34.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <1     | <10                       | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarsoen Khuyosai เว็บบ้านที่ > 323-4-0005

Remark :  
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Technical Management



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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140488  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192687-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number               | 24140488-1   |      |           |        |                             |   |                  |
|-----------------------------|--|------|-----------|--------|-----------------------------|---|------------------|
| Sampled Date                | Jan 09, 2025 11:10 AM  |      |           |        |                             |   |                  |
| Sample Description          | Wastewater   |      |           |        |                             |   |                  |
| Contract ID                 | L_CIE_001_2556   | Plot | B-11C     | Site   | Kuryama (Thailand) Co.,Ltd. |   |                  |
| Date Analysis Commenced     | Jan 09, 2025   |      |           |        |                             |   |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                             |   |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, some odour, solid and turbid   |      |           |        |                             |   |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification   | Method  | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |                             |   |                  |
| BOD (5 days at 20 Degree C) | mg/L   | —    | 2.0       | 91.2   | ≤500                        | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O <sub>5</sub> | Rayong           |
| Oil & Grease                | mg/L   | —    | 3         | 5      | ≤10                         | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                             | Rayong           |
| pH (on site) *              | —  | —    | —         | 7.6    | 5.5-9.0                     | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)                       | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khuyoksaie ๖323-๙0005

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management



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๖323-๙0028

Signature (V)  
๖323-๙0001

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0127-123 0966



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140592  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192814-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number                                | 24140592-1   |      |           |        |                            |  |                  |
|--|--|------|-----------|--------|----------------------------|--|------------------|
| Sampled Date                                 | Jan 10, 2025 10:56 AM  |      |           |        |                            |  |                  |
| Sample Description                           | Wastewater   |      |           |        |                            |  |                  |
| Contract ID                                  | L_CIE_020_2550   | Plot | Z-3       | Site   | Kyoden (Thailand) Co.,Ltd. |  |                  |
| Location                                     | Factory 1  |      |           |        |                            |  |                  |
| Date Analysis Commenced                      | Jan 10, 2025   |      |           |        |                            |  |                  |
| Condition of Sample                          | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                            |  |                  |
| Physical Property                            | Yellow, some odour, solid and no turbid  |      |           |        |                            |  |                  |
| Analyte                                      | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification  | Method   | Testing Location |
| <b>Water Testing</b>                         |  |      |           |        |                            |  |                  |
| BOD (5 days at 20 Degree C)                  | mg/L   | -    | 2.0       | 9.6    | ≤500                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O <sub>5</sub> -C | Rayong           |
| Oil & Grease                                 | mg/L   | -    | 3         | <3     | ≤10                        | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                                | Rayong           |
| pH (on site) *                               | -  | -    | -         | 7.7    | 5.5-9.0                    | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)                          | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L   | -    | 5         | 420    | ≤3000                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                                | Rayong           |

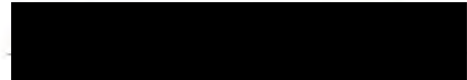
Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖323-๙0021, Pattarapol Sawangjattam ๖323-๙0002

Remark :

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Technical Management



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๖323-๙0031

Signature (V)  
๖323-๙0001

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## Analysis / Test Report

TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140592  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192814-2

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number           | 24140592-1   |        |           |        |                           |  |                  |
|-------------------------|--|--------|-----------|--------|---------------------------|--|------------------|
| Sampled Date            | Jan 10, 2025 10:56 AM  |        |           |        |                           |  |                  |
| Sample Description      | Wastewater   |        |           |        |                           |  |                  |
| Contract ID             | L_CIE_020_2550   | Plot   | Z-3       | Site   | Kyden (Thailand) Co.,Ltd. |  |                  |
| Location                | Factory 1  |        |           |        |                           |  |                  |
| Date Analysis Commenced | Jan 13, 2025   |        |           |        |                           |  |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |        |                           |  |                  |
| Physical Property       | Yellow, some odour, solid and no turbid  |        |           |        |                           |  |                  |
| Analyte                 | Unit   | LOD    | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| <b>Metals Testing</b>   |  |        |           |        |                           |  |                  |
| Copper                  | mg/L   | 0.0003 | 0.0005    | 0.42   | ≤2.0                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3100 F | Bangkok          |
| Nickel                  | mg/L   | 0.0003 | 0.0005    | 0.001  | ≤1.0                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3100 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖323-๙0021, Pattarapol Sawangjattam ๖323-๙0002

Remark :

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๖323-๙0007

Signature (V)  
๖323-๙0004

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140595  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192816-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number                                | 24140595-1  |      |           |        |                            |   |                  |
|--|---|------|-----------|--------|----------------------------|---|------------------|
| Sampled Date                                 | Jan 10, 2025 11:20 AM   |      |           |        |                            |   |                  |
| Sample Description                           | Wastewater  |      |           |        |                            |   |                  |
| Contract ID                                  | L_CIE_021_2550  | Plot | Z-6       | Site   | Kyoden (Thailand) Co.,Ltd. |   |                  |
| Location                                     | Factory 2   |      |           |        |                            |   |                  |
| Date Analysis Commenced                      | Jan 10, 2025  |      |           |        |                            |   |                  |
| Condition of Sample                          | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / ISO 91) |      |           |        |                            |   |                  |
| Physical Property                            | Yellow, some odour, solid and no turbid   |      |           |        |                            |   |                  |
| Analyte                                      | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification  | Method  | Testing Location |
| <b>Water Testing</b>                         |   |      |           |        |                            |   |                  |
| BOD (5 days at 20 Degree C)                  | mg/L  | -    | 2.0       | 14.3   | ≤500                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O <sub>5</sub> | Rayong           |
| Oil & Grease                                 | mg/L  | -    | 3         | <3     | ≤10                        | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                             | Rayong           |
| pH (on site) *                               | -   | -    | -         | 7.7    | 5.5-9.0                    | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)                       | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L  | -    | 5         | 284    | ≤3000                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                             | Rayong           |

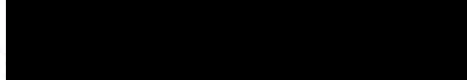
Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖323-๙0021, Pattarapol Sawangjattam ๖323-๙0002

Remark :

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Technical Management



Signature (V)  
๖323-๙0031

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TESTING  
No.0009

**Lot ID: 24140595**  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192816-2

Page 1 of 1

|                     |  |
|---------------------|--|
| Condition of Sample | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |
| Physical Property   | Yellow, some odour, solid and no turbid  |

**Sampling By :** Suphanak Sakulottimasak ve@fmsu.ac.th : 323-4-0021 , Pattarapol Sawangjatan ve@fmsu.ac.th : 204-4-0002



TESTING  
No.0042

**Lot ID: 24140507**  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192728-1

Page 1 of 1

| Physical Property |      | (AP1A / USEPA)<br>Yellow, some odour, solid and turbid |     |        |             |        |         |
|-------------------|------|--|-----|--------|-------------|--------|---------|
| Analyte           | Unit | LOD  | LOQ | Result | Guideline / | Method | Testing |

Guideline : Notification of the Industrial Estate Authority of the treatment systems in Industrial Estates

ทะเบียนเลขที่ ว-204-ด-0004

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5377-173/00000

Schwenn/Reisner, All Change (continued)



TESTING  
No.0042

**Lot ID: 24140486**  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192681-1

Page 1 of 1

|                   |   |
|-------------------|---|
| Physical Property | Yellow, a lot of odour, some solid and turbid |
|-------------------|---|

**Guideline : Notification of the Industrial Estate Authority of Thailand**



TESTING  
No.0042

**Lot ID: 24140492**  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192691-1

Page 1 of 1

|                   |   |
|-------------------|---|
| Physical Property | Yellow, a lot of odour, some solid and turbid |
|-------------------|---|

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : Gen

Senior Manager  
\$120,000 - \$200,000

Results apply to the sample(s) as identified, unless the sampling was conducted by A.C.S. No part of this report may be reproduced in any form without written consent from the laboratory.

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TESTING  
No.0042

**Lot ID: 24140492**  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192691-1

Page 1 of 1

|                   |   |
|-------------------|---|
| Physical Property | Yellow, a lot of odour, some solid and turbid |
|-------------------|---|

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : Gen

Remarks :

- LOD : Limit of Detection
- \*"c" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Senior Manager  
0000-0001-0000-0000

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1. *Journal of Management Studies*, 1996, 33, 1, 1-14.

100





## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140572  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3193156-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

|                             |  |      |           |        |                           |  |                  |
|-----------------------------|--|------|-----------|--------|---------------------------|--|------------------|
| Sample Number               | 24140572-1   |      |           |        |                           |  |                  |
| Sampled Date                | Jan 09, 2025 10:50 AM  |      |           |        |                           |  |                  |
| Sample Description          | Wastewater   |      |           |        |                           |  |                  |
| Contract ID                 | L_WHA  | Plot | B.12C     | Site   | MARU Global Co.,Ltd.      |  |                  |
|                             | CIE_005_2567   |      |           |        |                           |  |                  |
| Date Analysis Commenced     | Jan 09, 2025   |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                           |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, some solid and turbid  |      |           |        |                           |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 98.1   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | 7      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayakouk veitumaweei > 323-a-0005

Remark :

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Technical Management



Senior Manager  
veitumaweei > 323-a-0001

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0127-123 (THAILAND)

3193156-1, AE, 15-Jan-25 (4:00PM)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140527  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192796-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number               | 24140527-1   |      |           |        |                           |  |                  |
|-----------------------------|--|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | Jan 09, 2025 10:55 AM  |      |           |        |                           |  |                  |
| Sample Description          | Wastewater   |      |           |        |                           |  |                  |
| Contract ID                 | L_WHA  | Plot | B.12D     | Site   | MARU Global Co.,Ltd.      |  |                  |
|                             | CIE1_001_2562  |      |           |        |                           |  |                  |
| Date Analysis Commenced     | Jan 09, 2025   |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                           |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, some odour, solid and turbid   |      |           |        |                           |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 62.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | 6      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayakouk veitumaweei > 323-a-0005

Remark :

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Technical Management



Senior Manager  
veitumaweei > 323-a-0001

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0127-123 (THAILAND)

3192796-1, AE, 15-Jan-25 (4:00PM)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140560  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3193125-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

|                             |   |      |           |        |   |  |                  |
|-----------------------------|---|------|-----------|--------|---|--|------------------|
| Sample Number               | 24140560-1  |      |           |        |   |  |                  |
| Sampled Date                | Jan 09, 2025 1:40 PM  |      |           |        |   |  |                  |
| Sample Description          | Wastewater  |      |           |        |   |  |                  |
| Contract ID                 | L_WHA   | Plot | F-14      | Site   | MAX METAL INTERNATIONAL COMPANY LIMITED |  |                  |
|                             | CIE_001_2566  |      |           |        |   |  |                  |
| Date Analysis Commenced     | Jan 09, 2025  |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property           | Yellow, some odour, solid and turbid  |      |           |        |   |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 62.7   | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 10     | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 6.9    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayakouk veitumaweei > 323-a-0005

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management



Senior Manager  
veitumaweei > 323-a-0001

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0127-123 (THAILAND)

3193125-1, AE, 15-Jan-25 (3:20PM)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140500  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192704-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number               | 24140500-1  |      |           |        |  |  |                  |
|-----------------------------|---|------|-----------|--------|--|--|------------------|
| Sampled Date                | Jan 10, 2025 3:08 PM  |      |           |        |  |  |                  |
| Sample Description          | Wastewater  |      |           |        |  |  |                  |
| Contract ID                 | L_CIE_012_2557  | Plot | C-2,3,4   | Site   | Nakagawa Special Steel (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Jan 10, 2025  |      |           |        |  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |  |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |  |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification                  | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 25.9   | ≤500                                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/l  | -    | 3         | <1     | ≤10  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.9    | 5.5-9.0                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanak Sakulattanasak veitumaweei > 323-a-0021

Remark :

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Technical Management



Senior Manager  
veitumaweei > 323-a-0001

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0127-123 (THAILAND)

3192704-1, AE, 16-Jan-25 (3:20PM)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140563  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3193132-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 24140563-1   |      |           |  |                           |  |                  |
|-----------------------------|--|------|-----------|--|---------------------------|--|------------------|
| Sampled Date                | Jan 09, 2025 3:38 PM   |      |           |  |                           |  |                  |
| Sample Description          | Wastewater   |      |           |  |                           |  |                  |
| Contract ID                 | L_WHA  | Plot | K2        | Site NAMYONG TERMINAL PUBLIC COMPANY LIMITED |                           |  |                  |
|                             | CIE1_005_2566  |      |           |  |                           |  |                  |
|                             | Jan 09, 2025   |      |           |  |                           |  |                  |
| Date Analysis Commenced     | Jan 09, 2025   |      |           |  |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |  |                           |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid  |      |           |  |                           |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result                                       | Guideline / Specification | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |  |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 45.8   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | <3   | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 8.0  | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayakoua เวสสุวรรณ > 323-4-0005

Remark :

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Technical Management



Senior Manager  
เวสสุวรรณ > 323-4-0001

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0127-123 (THAILAND)

3193132-1 (01/2025)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140571  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3193153-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 24140571-1   |      |            |        |                                  |  |                  |
|-----------------------------|--|------|------------|--------|----------------------------------|--|------------------|
| Sampled Date                | Jan 09, 2025 10:35 AM  |      |            |        |                                  |  |                  |
| Sample Description          | Wastewater   |      |            |        |                                  |  |                  |
| Contract ID                 | L_WHA  | Plot | A-9A, A-10 | Site   | NBC Meshiter (Thailand) Co.,Ltd. |  |                  |
|                             | CIE1_004_2567  |      |            |        |                                  |  |                  |
| Date Analysis Commenced     | Jan 09, 2025   |      |            |        |                                  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |            |        |                                  |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, some odour, solid and no turbid  |      |            |        |                                  |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR)  | Result | Guideline / Specification        | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |            |        |                                  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0        | 7.1    | ≤500                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3          | 4      | ≤10                              | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -          | 7.3    | 5.5-9.0                          | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayakoua เวสสุวรรณ > 323-4-0005

Remark :

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Technical Management



Senior Manager  
เวสสุวรรณ > 323-4-0001

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0127-123 (THAILAND)

3193153-1 (01/2025)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140504  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192708-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 24140504-1  |      |           |        |                           |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | Jan 09, 2025 10:40 AM   |      |           |        |                           |  |                  |
| Sample Description          | Wastewater  |      |           |        |                           |  |                  |
| Contract ID                 | L_CIE_002_2560  | Plot | A-8A      | Site   |                           |  |                  |
| Date Analysis Commenced     | NBC Meshtec (Thailand) Co.,Ltd.   |      |           |        |                           |  |                  |
| Condition of Sample         | Jan 09, 2025  |      |           |        |                           |  |                  |
| Physical Property           | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)<br>Yellow, some odour, solid and turbid |      |           |        |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Water Testing               |   |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 46.7   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 8.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayakoua เวสสุวรรณ > 323-4-0005

Remark :

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Technical Management



Senior Manager  
เวสสุวรรณ > 323-4-0001

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0127-123 (THAILAND)

3192708-1 (01/2025)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140551  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3193111-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 24140551-1   |      |           |        |                                 |  |                  |
|-----------------------------|--|------|-----------|--------|---------------------------------|--|------------------|
| Sampled Date                | Jan 09, 2025 11:12 AM  |      |           |        |                                 |  |                  |
| Sample Description          | Wastewater   |      |           |        |                                 |  |                  |
| Contract ID                 | L_WHA  | Plot | B-11D     | Site   | Nichiya Asa (Thailand) Co.,Ltd. |  |                  |
|                             | CIE1_001_2565  |      |           |        |                                 |  |                  |
| Date Analysis Commenced     | Jan 09, 2025   |      |           |        |                                 |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                                 |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, some odour, solid and turbid   |      |           |        |                                 |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification       | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |                                 |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 94.7   | ≤500                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | 10     | ≤10                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.8    | 5.5-9.0                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayakoua เวสสุวรรณ > 323-4-0005

Remark :

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Technical Management



Senior Manager  
เวสสุวรรณ > 323-4-0001

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3193111-1 (01/2025)





## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 24140584  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192677-1

Page 1 of 1

| Sample Number                                    | 24140584-1   |      |           |  |                           |  |                  |
|--|--|------|-----------|--|---------------------------|--|------------------|
| Sampled Date                                     | Jan 09, 2025 10:20 AM  |      |           |  |                           |  |                  |
| Sample Description                               | Wastewater   |      |           |  |                           |  |                  |
| Contract ID                                      | L_CIE_016_2550   | Plot | A-4       | Site NIDEC Die-casting (Thailand) Co.,Ltd. |                           |  |                  |
| Location   | Factory 1  |      |           |  |                           |  |                  |
| Date Analysis Commenced                          | Jan 09, 2025   |      |           |  |                           |  |                  |
| Condition of Sample                              | Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |  |                           |  |                  |
| Physical Property                                | Yellow, some odour, solid and no turbid  |      |           |  |                           |  |                  |
| Analyte  | Unit   | LOD  | LOQ (LOB) | Result                                     | Guideline / Specification | Method   | Testing Location |
| <b>Water Testing</b>                             |  |      |           |  |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L   | -    | 2.0       | 8.9  | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| COD  | mg/L   | 1.5  | 25        | 36   | ≤750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                     | mg/L   | -    | 3         | 5  | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -  | -    | -         | 7.8  | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L   | -    | 5         | <5   | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sansoen Khuyokoua เวทีสุณเฑาะว์ > 323-4-0005

Remark :  
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Technical Management



Senior Manager  
เวทีสุณเฑาะว์ > 323-4-0028

Senior Manager  
เวทีสุณเฑาะว์ > 323-4-0001

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0127-123 (THAIL)

31926777\_01\_01\_01 (1-0-0005)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 24140484  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192678-1

Page 1 of 1

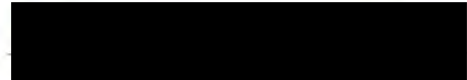
| Sample Number               | 24140484-1  |      |           |        |  |  |                  |
|-----------------------------|---|------|-----------|--------|--|--|------------------|
| Sampled Date                | Jan 09, 2025 10:15 AM   |      |           |        |  |  |                  |
| Sample Description          | Wastewater  |      |           |        |  |  |                  |
| Contract ID                 | L_CIE_027_2550  | Plot | A-5       | Site   | NIDEC Die-casting (Thailand) Co., Ltd. |  |                  |
| Date Analysis Commenced     | Jan 09, 2025  |      |           |        |  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |  |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |  |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification              | Method   | Testing Location |
| Water Testing               |   |      |           |        |  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 71.9   | ≤500                                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 10     | ≤10                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.9    | 5.5-9.0                                | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sansoen Khuyokoua เวทีสุณเฑาะว์ > 323-4-0005

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
เวทีสุณเฑาะว์ > 323-4-0028

Senior Manager  
เวทีสุณเฑาะว์ > 323-4-0001

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0127-123 (THAIL)

31926777\_01\_01\_01 (1-0-0005)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140569  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3193142-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 24140569-1  
Sampled Date : Jan 09, 2025 10:45 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_002\_2567  
Date Analysis Commenced : Jan 09, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 14.4   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khuyakoua เวศสุวรรณย์ > 323-4-0005

Remark :  
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Technical Management

Scientist (V)  
เวศสุวรรณย์ > 323-4-0028  
Senior Manager  
เวศสุวรรณย์ > 323-4-0001

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3/19/2025, 06:16:41 (1/2/2025)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140496  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192698-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 24140496-1  
Sampled Date : Jan 09, 2025 2:57 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_014\_2569  
Date Analysis Commenced : Jan 09, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 104    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 8      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khuyakoua เวศสุวรรณย์ > 323-4-0005

Remark :  
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Technical Management

Scientist (V)  
เวศสุวรรณย์ > 323-4-0028  
Senior Manager  
เวศสุวรรณย์ > 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140519  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192785-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 24140519-1  
Sampled Date : Jan 09, 2025 10:40 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_010\_2556  
Date Analysis Commenced : Jan 09, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 8.9    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4.2    | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khuyakoua เวศสุวรรณย์ > 323-4-0005

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Technical Management

Scientist (V)  
เวศสุวรรณย์ > 323-4-0028  
Senior Manager  
เวศสุวรรณย์ > 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140570  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3193145-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 24140570-1  
Sampled Date : Jan 09, 2025 10:35 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_003\_2567  
Date Analysis Commenced : Jan 09, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 18.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khuyakoua เวศสุวรรณย์ > 323-4-0005

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Technical Management

Scientist (V)  
เวศสุวรรณย์ > 323-4-0028  
Senior Manager  
เวศสุวรรณย์ > 323-4-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
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Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 24140518  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192783-1

Page 1 of 1

Sample Number 24140518-1  
Sampled Date Jan 09, 2025 10:20 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_003\_2550 Plot Z-33 Site Sakura Industry (Thailand) Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 190    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |      | -   | -         | 8.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Samson Khuyokai ๖323-๔0005

Remark :  
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Technical Management



Signature (V)  
๖323-๔0028

Senior Manager  
๖323-๔0001

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53192831\_01\_01\_01 (3192831)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 24140581  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192803-1

Page 1 of 1

Sample Number 24140581-1  
Sampled Date Jan 10, 2025 10:44 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_001\_2555 Plot C-5,6 Site SANG CHAREON EASTERN GALVANIZE CO.,LTD  
Date Analysis Commenced Jan 10, 2025  
Condition of Sample Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, solid and turbid

| Analyte                                      | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing                                |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                  | mg/L | -   | 2.0       | 40.6   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| COD  | mg/L | 1.5 | 25        | 151    | ≤750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                 | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                               |      | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L | -   | 5         | 224    | ≤3000                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak ๖323-๔0021, Pattarapol Sawangjittam ๖204-๔0002

Remark :  
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Technical Management



๖323-๔0021

๖204-๔0002

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53192803\_01\_01\_01 (3192803)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0009

Lot ID: 24140581  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192803-2

Page 1 of 1

Sample Number 24140581-1  
Sampled Date Jan 10, 2025 10:44 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_001\_2555 Plot C-5,6 Site SANG CHAREON EASTERN GALVANIZE CO.,LTD  
Date Analysis Commenced Jan 13, 2025  
Condition of Sample Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, solid and turbid

| Analyte        | Unit | LOD    | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|----------------|------|--------|-----------|--------|---------------------------|--|------------------|
| Metals Testing |      |        |           |        |                           |  |                  |
| Nickel         | mg/L | 0.0003 | 0.0005    | 0.003  | ≤1.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |
| Zinc           | mg/L | 0.0003 | 0.0005    | 0.003  | ≤5.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak ๖323-๔0021, Pattarapol Sawangjittam ๖204-๔0002

Remark :  
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Technical Management



Manager  
๖204-๔0007

Assistant General Manager  
๖204-๔0004

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5317-1237 (THAILAND)

53192803\_01\_01\_01 (3192803)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0009

Lot ID: 24140581  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192803-3

Page 1 of 1

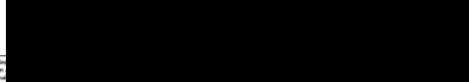
Sample Number 24140581-1  
Sampled Date Jan 10, 2025 10:44 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_001\_2555 Plot C-5,6 Site SANG CHAREON EASTERN GALVANIZE CO.,LTD  
Date Analysis Commenced Jan 13, 2025  
Condition of Sample Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, solid and turbid

| Analyte        | Unit | LOD   | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|----------------|------|-------|-----------|--------|---------------------------|--|------------------|
| Metals Testing |      |       |           |        |                           |  |                  |
| Iron           | mg/L | 0.003 | 0.005     | 1.15   | ≤10.0                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak , Pattarapol Sawangjittam

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



๖323-๔0021

๖204-๔0002

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5317-1237 (THAILAND)

53192803\_01\_01\_01 (3192803)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140513  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192737-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140513-1  
Sampled Date Jan 09, 2025 2:15 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_017\_2557 Plot F-10 Site Shansai Koki (Thailand) Corporation Limited.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 21.7   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Samson Khuyokai วังสุรินทร์ > 323-a-0005

Remark :  
- LOD : Limit of Detection  
- \*C\* : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.  
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management



Senior Manager  
วังสุรินทร์ > 323-a-0028

Senior Manager  
วังสุรินทร์ > 323-a-0001

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0127-123 (THAILAND)

0127-123 (THAILAND)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140490  
Date Received : Jan 10, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192689-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140490-1  
Sampled Date Jan 10, 2025 10:05 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_017\_2550 Plot B-3 Site Shinwa Kogyo (Thailand) Co.,Ltd.  
Date Analysis Commenced Jan 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 11.8   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulthamrak วังสุรินทร์ > 323-a-0021

Remark :  
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Technical Management



Senior Manager  
วังสุรินทร์ > 323-a-0031

Senior Manager  
วังสุรินทร์ > 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140494  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192696-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140494-1  
Sampled Date Jan 09, 2025 2:25 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_018\_2550 Plot D-13/2 Site Siam Steel Mill Services Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Green, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 25.5   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Samson Khuyokai วังสุรินทร์ > 323-a-0005

Remark :  
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Technical Management



Senior Manager  
วังสุรินทร์ > 323-a-0028

Senior Manager  
วังสุรินทร์ > 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140489  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192688-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

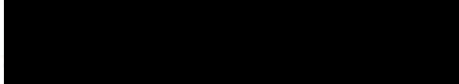
Sample Number 24140489-1  
Sampled Date Jan 09, 2025 11:00 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_004\_2557 Plot B-11A Site SPF (Thailand) Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 59.4   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Samson Khuyokai วังสุรินทร์ > 323-a-0005

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Technical Management



Senior Manager  
วังสุรินทร์ > 323-a-0028

Senior Manager  
วังสุรินทร์ > 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140582  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192806-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140582-1  
Sampled Date Jan 10, 2025 1:56 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_001\_2559 Plot D-9 Site Thai Huawei Battery Co.,Ltd.  
Date Analysis Commenced Jan 10, 2025  
Condition of Sample Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, some odour, solid and no turbid

| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>                             |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| COD  | mg/L | 1.5 | 25        | <25    | ≤750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                     | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Dissolved Solids Dried at 180 degree C     | mg/L | -   | 5         | 88     | ≤3000                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | -   | 5         | <5     | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak วัฒนาสารณ์ 323-4-0021 , Pattarapol Sawangjattam วัฒนาสารณ์ 323-4-0002

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Technical Management



Scientist (3)  
วัฒนาสารณ์ 323-4-0031

Senior Manager  
วัฒนาสารณ์ 323-4-0001

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## Analysis / Test Report

TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140582  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3192806-2

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140582-1  
Sampled Date Jan 10, 2025 1:56 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_001\_2559 Plot D-9 Site Thai Huawei Battery Co.,Ltd.  
Date Analysis Commenced Jan 13, 2025  
Condition of Sample Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, some odour, solid and no turbid

| Analyte               | Unit | LOD    | LOQ (LOR) | Result | Guideline / Specification | Method  | Testing Location |
|-----------------------|------|--------|-----------|--------|---------------------------|---|------------------|
| <b>Metals Testing</b> |      |        |           |        |                           |   |                  |
| Lead                  | mg/L | 0.0003 | 0.0005    | 0.005  | ≤0.2                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak วัฒนาสารณ์ 323-4-0021 , Pattarapol Sawangjattam วัฒนาสารณ์ 323-4-0002

Remark :  
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Technical Management



Scientist (3)  
วัฒนาสารณ์ 323-4-0031

Senior Manager  
วัฒนาสารณ์ 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140512  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192736-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140512-1  
Sampled Date Jan 09, 2025 1:55 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_001\_2552 Plot F-12 Site Thai Instant Products Co.,Ltd.  
Date Analysis Commenced Jan 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, some odour, a lot of solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 123    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansorn Khayakou วัฒนาสารณ์ 323-4-0005

Remark :  
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Technical Management



Scientist (4)  
วัฒนาสารณ์ 323-4-0028

Senior Manager  
วัฒนาสารณ์ 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140575  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3193131-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 24140575-1  
Sampled Date Jan 10, 2025 1:38 PM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_004\_2566 Plot Z-60,261,261B Site THAI OUTDO POWER TECHNOLOGY Co.,Ltd.  
Date Analysis Commenced Jan 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Colorless, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak วัฒนาสารณ์ 323-4-0021

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Scientist (3)  
วัฒนาสารณ์ 323-4-0031

Senior Manager  
วัฒนาสารณ์ 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140558  
Date Received : Jan 10, 2025  
Date Reported : Jan 16, 2025  
Report Number : 3193121-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Sample Number : 24140558-1  
Sampled Date : Jan 10, 2025 2:25 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_011\_2560 Plot E-6 Site Thai Rung Union Car Public Co.,Ltd.  
Date Analysis Commenced : Jan 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 317    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak veftuawarfi v-323-a-0021

Remark :  
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management



Senior Manager  
veftuawarfi v-323-a-0031

Senior Manager  
veftuawarfi v-323-a-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.  
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0121-1231 (THAILAND)

3193121-1, AL (L), up 1 (3-10PM)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140543  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192897-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Sample Number : 24140543-1  
Sampled Date : Jan 09, 2025 3:15 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_003\_2564 Plot Z-62 Site Thai Wp Co.,Ltd.  
Date Analysis Commenced : Jan 09, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and no turbid

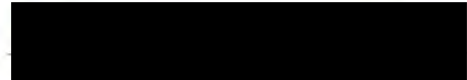
| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 37.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sansorn Khayukos veftuawarfi v-323-a-0005

Remark :  
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Technical Management



Senior Manager  
veftuawarfi v-323-a-0028

Senior Manager  
veftuawarfi v-323-a-0001

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3192897-1, AL (L), up 1 (3-10PM)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140565  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3193135-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Sample Number : 24140565-1  
Sampled Date : Jan 09, 2025 10:25 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_007\_2566 Plot Z-21 Site TOOLS INTERNATIONAL (THAILAND) Co.,Ltd.  
Date Analysis Commenced : Jan 09, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 47.4   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sansorn Khayukos veftuawarfi v-323-a-0005

Remark :  
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Technical Management



Senior Manager  
veftuawarfi v-323-a-0028

Senior Manager  
veftuawarfi v-323-a-0001

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3193135-1, AL (L), up 1 (3-10PM)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 24140573  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3193157-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Sample Number : 24140573-1  
Sampled Date : Jan 09, 2025 2:30 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_006\_2567 Plot Z-4, Z-4A, Z-4C Site Top Link Industrial (Thailand) Co.,Ltd.  
Date Analysis Commenced : Jan 09, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and no turbid

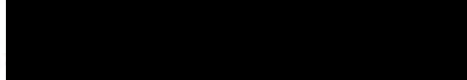
| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 12.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 3      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sansorn Khayukos veftuawarfi v-323-a-0005

Remark :  
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Technical Management



Senior Manager  
veftuawarfi v-323-a-0028

Senior Manager  
veftuawarfi v-323-a-0001

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3193157-1, AL (L), up 1 (3-10PM)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 24140535  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192885-1

Page 1 of 1

| Sample Number               | 24140535-1  |      |           |        |                                      |  |                  |
|-----------------------------|---|------|-----------|--------|--------------------------------------|--|------------------|
| Sampled Date                | Jan 09, 2025 11:05 AM   |      |           |        |                                      |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                      |  |                  |
| Contract ID                 | L_WHA   | Plot | Z-550     | Site   | Ultimate Springs (Thailand) Co.,Ltd. |  |                  |
|                             | CIE1_006_2563   |      |           |        |                                      |  |                  |
|                             | Jan 09, 2025  |      |           |        |                                      |  |                  |
| Date Analysis Commenced     | Jan 09, 2025  |      |           |        |                                      |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                      |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                                      |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification            | Method   | Testing Location |
| Water Testing               |   |      |           |        |                                      |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | —    | 2.0       | 86.1   | ≤500                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | —    | 3         | <3     | ≤10                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5200 B                  | Rayong           |
| pH (on site) *              | —   | —    | —         | 6.8    | 5.5-9.0                              | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayokasut veetunuanwatt > 323-a-0005

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Technical Management

Scientist (4)  
วณิชญานนท์ > 323-a-0028

Senior Manager  
วณิชญานนท์ > 323-a-0001

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1/1 (Report), AL (L), up 1 (3/2025)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 24140510  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3192732-1

Page 1 of 1

| Sample Number               | 24140510-1  |      |           |        |   |  |                  |
|-----------------------------|---|------|-----------|--------|---|--|------------------|
| Sampled Date                | Jan 09, 2025 2:10 PM  |      |           |        |   |  |                  |
| Sample Description          | Wastewater  |      |           |        |   |  |                  |
| Contract ID                 | L_CIE_023_2550  | Plot | F-9       | Site   | Van Leeuwem Pipe and Tube (Thailand) Ltd. |  |                  |
| Date Analysis Commenced     | Jan 09, 2025  |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and turbid  |      |           |        |   |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification                 | Method   | Testing Location |
| Water Testing               |   |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 125    | ≤500                                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 5      | ≤10                                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5200 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.8    | 5.5-9.0                                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayokasut veetunuanwatt > 323-a-0005

Remark :  
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Technical Management

Scientist (4)  
วณิชญานนท์ > 323-a-0028

Senior Manager  
วณิชญานนท์ > 323-a-0001

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1/1 (Report), AL (L), up 1 (3/2025)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 24140557  
Date Received : Jan 09, 2025  
Date Reported : Jan 15, 2025  
Report Number : 3193119-1

Page 1 of 1

| Sample Number               | 24140557-1  |      |           |        |                           |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | Jan 09, 2025 11:17 AM   |      |           |        |                           |  |                  |
| Sample Description          | Wastewater  |      |           |        |                           |  |                  |
| Contract ID                 | L_WHA<br>CIE1_006_2565  | Plot | B-10C     | Site   | V-SACHET Co.,Ltd.         |  |                  |
| Date Analysis Commenced     | Jan 09, 2025  |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 66.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 10     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayokasut veetunuanwatt > 323-a-0005

Remark :  
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Technical Management

Scientist (4)  
วณิชญานนท์ > 323-a-0028

Senior Manager  
วณิชญานนท์ > 323-a-0001

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0127-123 (THAILAND)

1/1 (Report), AL (L), up 1 (3/2025)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 257690  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221939-1

Page 1 of 1

| Sample Number               | 257690-1  |      |           |        |   |  |                  |
|-----------------------------|---|------|-----------|--------|---|--|------------------|
| Sampled Date                | Feb 10, 2025 3:10 PM  |      |           |        |   |  |                  |
| Sample Description          | Wastewater  |      |           |        |   |  |                  |
| Contract ID                 | L_WHA   | Plot | Z-550     | Site   | AGRI SYRUP INDUSTRY (THAILAND) Co.,Ltd. |  |                  |
|                             | CIE1_009_2564   |      |           |        |   |  |                  |
| Date Analysis Commenced     | Feb 10, 2025  |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |   |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |
| Water Testing               |   |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 7.1    | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5200 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 6.9    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Amornwong Wongsochais veetunuanwatt > 323-a-0040

Remark :  
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Technical Management

Scientist (4)  
วณิชญานนท์ > 323-a-0028

Senior Manager  
วณิชญานนท์ > 323-a-0001

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0127-123 (THAILAND)

1/1 (Report), AL (L), up 1 (3/2025)





## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257688  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221937-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 257688-1  
Sampled Date : Feb 10, 2025 3:20 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_007\_2564 Plot : Z-55G Site : AGRI SYRUP INDUSTRY (THAILAND) Co.,Ltd.  
Date Analysis Commenced : Feb 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 12.8   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Amornwath Wongporhuay วังมณเฑียร 3-323-a-0040

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
วังมณเฑียร 3-323-a-0001

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3221937-1, 3221938-1 (C) 2025



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257689  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221938-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 257689-1  
Sampled Date : Feb 10, 2025 3:15 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_008\_2564 Plot : Z-55H Site : AGRI SYRUP INDUSTRY (THAILAND) Co.,Ltd.  
Date Analysis Commenced : Feb 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 155    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Amornwath Wongporhuay วังมณเฑียร 3-323-a-0040

Remark :  
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Technical Management



Senior Manager  
วังมณเฑียร 3-323-a-0001

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3221937-1, 3221938-1 (C) 2025



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257696  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221946-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 257696-1  
Sampled Date : Feb 10, 2025 10:30 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_004\_2565 Plot : Z-59B Site : AIR INTERNATIONAL THERMAL SYSTEMS ( THAILAND ) LIMITED  
Date Analysis Commenced : Feb 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 113    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 0      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Narapong วังนารอง 3-323-a-0011

Remark :  
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Technical Management



Senior Manager  
วังมณเฑียร 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257697  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221947-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 257697-1  
Sampled Date : Feb 10, 2025 10:35 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_005\_2565 Plot : Z-59C Site : AIR INTERNATIONAL THERMAL SYSTEMS ( THAILAND ) LIMITED  
Date Analysis Commenced : Feb 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 186    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 8      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Narapong วังนารอง 3-323-a-0011

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Technical Management



Senior Manager  
วังมณเฑียร 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257698  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221948-1

Page 1 of 1

Sample Number 257698-1  
Sampled Date Feb 10, 2025 10:40 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_008\_2558 Plot Z-59D Site AIR INTERNATIONAL THERMAL SYSTEMS ( THAILAND ) LIMITED  
Date Analysis Commenced Feb 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 68.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narongchai วสุวิมลสารณ์ > 323-4-0011

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Technical Management



Senior (4)  
วสุวิมลสารณ์ > 323-4-0028

Senior Manager  
วสุวิมลสารณ์ > 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257667  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221346-1

Page 1 of 1

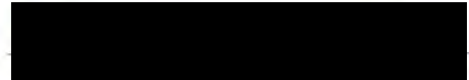
Sample Number 257667-1  
Sampled Date Feb 10, 2025 3:00 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_008\_2558 Plot Z-55E Site Analog City  
Date Analysis Commenced Feb 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Green, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 125    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Amonwong Wongsochai วสุวิมลสารณ์ > 323-4-0040

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Technical Management



Senior (4)  
วสุวิมลสารณ์ > 323-4-0028

Senior Manager  
วสุวิมลสารณ์ > 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257629  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221149-1

Page 1 of 1

Sample Number 257629-1  
Sampled Date Feb 07, 2025 11:25 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_003\_2557 Plot B-10B Site Anstac (Thailand) Co.,Ltd.  
Date Analysis Commenced Feb 07, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 79.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 7      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansorn Khayukosai วสุวิมลสารณ์ > 323-4-0005

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Technical Management



Senior (4)  
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Senior Manager  
วสุวิมลสารณ์ > 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257648  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221325-1

Page 1 of 1

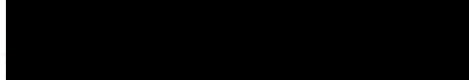
Sample Number 257648-1  
Sampled Date Feb 07, 2025 10:30 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_009\_2558 Plot A-08C Site Asahi Diamond (Thailand) Co.,Ltd.  
Date Analysis Commenced Feb 07, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 97.1   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 0      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansorn Khayukosai วสุวิมลสารณ์ > 323-4-0005

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Technical Management



Senior (4)  
วสุวิมลสารณ์ > 323-4-0028

Senior Manager  
วสุวิมลสารณ์ > 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257706  
Date Received : Feb 07, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221957-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 257706-1   |      |           |        |  |  |                  |
|-----------------------------|--|------|-----------|--------|--|--|------------------|
| Sample Date                 | Feb 07, 2025 11:10 AM  |      |           |        |  |  |                  |
| Sample Description          | Wastewater   |      |           |        |  |  |                  |
| Contract ID                 | L_WHA  | Plot | B11-B     | Site   | ASMECH TECHNOLOGY (THAILAND) COMPANY LIMITED |  |                  |
|                             | CIEI_006_2566  |      |           |        |  |  |                  |
| Date Analysis Commenced     | Feb 07, 2025   |      |           |        |  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |  |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, some odour, solid and turbid   |      |           |        |  |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification                    | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 33.6   | ≤500   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | 6      | ≤10  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.6    | 5.5-9.0                                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khuyakul

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

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Scientist (4)  
สมัครเกียรติ น-323-4-0028

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257687  
Date Received : Feb 07, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221936-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 257687-1  |      |           |        |                                 |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------------|--|------------------|
| Sample Date                 | Feb 07, 2025 3:15 PM  |      |           |        |                                 |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                 |  |                  |
| Contract ID                 | L_WHA   | Plot | C-01      | Site   | ATEN COMPUTER PRODUCT Co., Ltd. |  |                  |
|                             | CIEI_005_2564   |      |           |        |                                 |  |                  |
| Date Analysis Commenced     | Feb 07, 2025  |      |           |        |                                 |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                 |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                                 |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification       | Method   | Testing Location |
| Water Testing               |   |      |           |        |                                 |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 62.3   | ≤500                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.6    | 5.5-9.0                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khuyakulสมัครเกียรติ น-323-4-0005

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

สมัครเกียรติ น-323-4-0028

สมัครเกียรติ น-323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257654  
Date Received : Feb 03, 2025  
Date Reported : Feb 10, 2025  
Report Number : 3221331-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 257654-1  |      |           |                   |                           |  |                  |
|-----------------------------|---|------|-----------|-------------------|---------------------------|--|------------------|
| Sampled Date                | Feb 03, 2025 2:38 PM  |      |           |                   |                           |  |                  |
| Sample Description          | Wastewater  |      |           |                   |                           |  |                  |
| Contract ID                 | L_CIE_001_2550  | Plot | F-11      | Site              |                           |  |                  |
|                             |   |      |           | Aia Heng Co.,Ltd. |                           |  |                  |
| Date Analysis Commenced     | Feb 03, 2025  |      |           |                   |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |                   |                           |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |                   |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result            | Guideline / Specification | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |                   |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 5.0               | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3                | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.9               | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Ekakach Tunongสมัครเกียรติ น-323-4-0022

Remark :  
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Technical Management

Scientist (4)  
สมัครเกียรติ น-323-4-0028

Senior Manager  
สมัครเกียรติ น-323-4-0001

ADDRESS 616/10 Moo 5 T. Maenam Kho A. Phukdaeng Rayong 21140 Thailand / PHONE +66 0 3304 8555 / FAX +66 0 3304 8556  
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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257737  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221364-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 2

| Sample Number                                | 257737-1  |      |           |                                      |                           |  |                  |
|--|---|------|-----------|--------------------------------------|---------------------------|--|------------------|
| Sample Date                                  | Feb 10, 2025 9:30 AM  |      |           |                                      |                           |  |                  |
| Sample Description                           | Wastewater  |      |           |                                      |                           |  |                  |
| Contract ID                                  | L_CIE_002_2559  | Plot | A         | Site B. Grimm Power (WHA) 1 Limited. |                           |  |                  |
| Location                                     | Office  |      |           |                                      |                           |  |                  |
| Date Analysis Commenced                      | Feb 10, 2025  |      |           |                                      |                           |  |                  |
| Condition of Sample                          | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / ISO/PA) |      |           |                                      |                           |  |                  |
| Physical Property                            | Yellow, a lot of odour, some solid and turbid   |      |           |                                      |                           |  |                  |
| Analyte                                      | Unit  | LOD  | LOQ (LOR) | Result                               | Guideline / Specification | Method   | Testing Location |
| <b>Water Testing</b>                         |   |      |           |                                      |                           |  |                  |
| BOD (5 days at 20 Degree C)                  | mg/L  | -    | 2.0       | 34.9                                 | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| COD  | mg/L  | 1.5  | 25        | 117                                  | ≤750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Color (at Original pH)                       | ADMI  | -    | 5         | 209                                  | ≤600                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F                  | Rayong           |
| Color (at pH 7.0)                            | ADMI  | -    | 5         | 207                                  | ≤600                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F                  | Rayong           |
| Oil & Grease                                 | mg/L  | -    | 3         | 5                                    | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                               | -   | -    | -         | 7.5                                  | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Temperature *                                | Degree C  | -    | -         | 28.0                                 | ≤45                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2500 B                  | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L  | -    | 5         | 316                                  | ≤3000                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |

Technical Management

สมัครเกียรติ น-323-4-0028

สมัครเกียรติ น-323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 257737  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221364-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 2 of 2

| Sample Number                                    | 257737-1   |      |           |        |                                 |   |                  |
|--|--|------|-----------|--------|---------------------------------|---|------------------|
| Sampled Date                                     | Feb 10, 2025 9:30 AM   |      |           |        |                                 |   |                  |
| Sample Description                               | Wastewater   |      |           |        |                                 |   |                  |
| Contract ID                                      | L_CIE_002_2559   | Plot | A         | Site   | B. Grimm Power (WHA) 1 Limited. |   |                  |
| Location   | Office   |      |           |        |                                 |   |                  |
| Date Analysis Commenced                          | Feb 10, 2025   |      |           |        |                                 |   |                  |
| Condition of Sample                              | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                 |   |                  |
| Physical Property                                | Yellow, a lot of odour, some solid and turbid  |      |           |        |                                 |   |                  |
| Analyte  | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification       | Method  | Testing Location |
| <b>Water Testing</b>                             |  |      |           |        |                                 |   |                  |
| Total Kjeldahl Nitrogen as N                     | mg/L   | -    | 1.0       | 44.6   | ≤100                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Nitro (C), part NRE (D) | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L   | -    | 5         | 23     | ≤200                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                       | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Anonwich Wongsachai วรณวิชญ์ 323-4-0040

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management



Senior Manager  
วรณวิชญ์ 323-4-0028

Senior Manager  
วรณวิชญ์ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 257737  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221364-2

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number  | 257737-1   |      |           |        |                                 |               |                  |
|--|--|------|-----------|--------|---------------------------------|---------------|------------------|
| Sampled Date   | Feb 10, 2025 9:30 AM   |      |           |        |                                 |               |                  |
| Sample Description   | Wastewater   |      |           |        |                                 |               |                  |
| Contract ID  | L_CIE_002_2559   | Plot | A         | Site   | B. Grimm Power (WHA) 1 Limited. |               |                  |
| Location   | Office   |      |           |        |                                 |               |                  |
| Date Analysis Commenced  | Feb 10, 2025   |      |           |        |                                 |               |                  |
| Condition of Sample  | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                 |               |                  |
| Physical Property  | Yellow, a lot of odour, some solid and turbid  |      |           |        |                                 |               |                  |
| Analyte  | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification       | Method        | Testing Location |
| <b>Water Testing</b>   |  |      |           |        |                                 |               |                  |
| Odour  | -  | -    | -         | Odour  | No Standard                     | TIS, 257-2549 | Rayong           |
| <b>Guideline:</b> Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates. |  |      |           |        |                                 |               |                  |
| <b>Sampling By:</b> Anonwich Wongchai  |  |      |           |        |                                 |               |                  |
| <b>Remark :</b>  |  |      |           |        |                                 |               |                  |
| - LOD : Limit of Detection   |  |      |           |        |                                 |               |                  |
| - LOR : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  |  |      |           |        |                                 |               |                  |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Anonwich Wongsachai

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 257739  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221366-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 2

| Sample Number               | 257739-1   |      |           |        |                                 |  |                  |
|-----------------------------|--|------|-----------|--------|---------------------------------|--|------------------|
| Sampled Date                | Feb 10, 2025 9:40 AM   |      |           |        |                                 |  |                  |
| Sample Description          | Wastewater   |      |           |        |                                 |  |                  |
| Contract ID                 | L_CIE_002_2559   | Plot | A         | Site   | B. Grimm Power (WHA) 1 Limited. |  |                  |
| Location                    | Process  |      |           |        |                                 |  |                  |
| Date Analysis Commenced     | Feb 10, 2025   |      |           |        |                                 |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                 |  |                  |
| Physical Property           | Yellow, some odour, solid and no turbid  |      |           |        |                                 |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification       | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |                                 |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 3.6    | ≤500                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - G | Rayong           |
| COD                         | mg/L   | 1.5  | 25        | 43     | ≤750                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                | Rayong           |
| Color (at Original pH)      | ADME   | -    | 5         | 5      | ≤600                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F                | Rayong           |
| Color (at pH 7.0)           | ADME   | -    | 5         | 5      | ≤600                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F                | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | <3     | ≤10                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.6    | 5.5-9.0                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)          | Rayong           |
| Residual Free Chlorine *    | mg/L   | -    | 0.1       | <0.1   | ≤1                              | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - G (F)          | Rayong           |
| Temperature *               | Degree C   | -    | -         | 24.6   | ≤45                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B                | Rayong           |

Technical Management



Senior Manager  
วรณวิชญ์ 323-4-0028

Senior Manager  
วรณวิชญ์ 323-4-0001

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0127-1212 (THAILAND)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 257739  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221366-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 2 of 2

Page 2 of 2

| Sample Number                                    | 257739-1   |      |           |        |                                 |   |                  |
|--|--|------|-----------|--------|---------------------------------|---|------------------|
| Sampled Date                                     | Feb 10, 2025 9:40 AM   |      |           |        |                                 |   |                  |
| Sample Description                               | Wastewater   |      |           |        |                                 |   |                  |
| Contract ID                                      | L_CIE_003_2559   | Plot | A         | Site   | B. Grimm Power (WHA) 1 Limited. |   |                  |
| Location   | Process  |      |           |        |                                 |   |                  |
| Date Analysis Commenced                          | Feb 10, 2025   |      |           |        |                                 |   |                  |
| Condition of Sample                              | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                 |   |                  |
| Physical Property                                | Yellow, some odour, solid and no turbid  |      |           |        |                                 |   |                  |
| Analyte  | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification       | Method  | Testing Location |
| <b>Water Testing</b>                             |  |      |           |        |                                 |   |                  |
| Total Dissolved Solids Dried at 180 degree C     | mg/L   | -    | 5         | 1348   | ≤3000                           | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                       | Rayong           |
| Total Kjeldahl Nitrogen as N                     | mg/L   | -    | 1.0       | 2.0    | ≤100                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Nitro (C), part NRE (D) | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L   | -    | 5         | 16     | ≤200                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                       | Rayong           |

**Guideline :** Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Anonmch1 Wungphachai road(เสนา) 8-323-4-0040

Remark :

- LOD : Limit of Detection
- "n" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked "n" are not included in scope of Accreditation ISO/IEC 17025.

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Anonwich Wongsachai วรณวิชญ์ 323-4-0040

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management



Senior Manager  
วรณวิชญ์ 323-4-0028

Senior Manager  
วรณวิชญ์ 323-4-0001

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0127-1212 (THAILAND)





## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Lot ID: 257739  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221366-2

Page 1 of 1

| Sample Number           | 257739-1   |      |           |           |                                 |               |                  |
|-------------------------|--|------|-----------|-----------|---------------------------------|---------------|------------------|
| Sampled Date            | Feb 10, 2025 9:40 AM   |      |           |           |                                 |               |                  |
| Sample Description      | Wastewater   |      |           |           |                                 |               |                  |
| Contract ID             | L_CIE_003_2559   | Plot | A         | Site      | B. Grimm Power (WHA) 1 Limited. |               |                  |
| Location                | Process  |      |           |           |                                 |               |                  |
| Date Analysis Commenced | Feb 10, 2025   |      |           |           |                                 |               |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |           |                                 |               |                  |
| Physical Property       | Yellow, some odour, solid and no turbid  |      |           |           |                                 |               |                  |
| Analyte                 | Unit   | LOD  | LOQ (LOR) | Result    | Guideline / Specification       | Method        | Testing Location |
| Water Testing           |  |      |           |           |                                 |               |                  |
| Flow rate               | m <sup>3</sup> /s  | -    | -         | 0.017     | No Standard                     | Flow meter    | Rayong           |
| Odour                   | -  | -    | -         | Odourless | No Standard                     | TIS, 257-2549 | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Amornwich Wongpachai

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Scientist (4)

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3221366-2



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 257729  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221357-1

Page 1 of 1

| Sample Number                                    | 257729-1   |      |           |        |                           |  |                  |
|--|--|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                                     | Feb 10, 2025 2:20 PM   |      |           |        |                           |  |                  |
| Sample Description                               | Wastewater   |      |           |        |                           |  |                  |
| Contract ID                                      | L_CIE_002_2555   | Plot | Z-68      | Site   | BHN (THAILAND) Co.,Ltd.   |  |                  |
| Date Analysis Commenced                          | Feb 10, 2025   |      |           |        |                           |  |                  |
| Condition of Sample                              | Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |                  |
| Physical Property                                | Yellow, a lot of odour, some solid and turbid  |      |           |        |                           |  |                  |
| Analyte  | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Water Testing                                    |  |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L   | -    | 2.0       | 8.1    | <500                      | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| COD  | mg/L   | 1.5  | 25        | 42     | <750                      | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                     | mg/L   | -    | 3         | <3     | <10                       | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -  | -    | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L   | -    | 5         | 11     | <200                      | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sarawit Narapong วรณัฐนิศาณ 3-323-a-0011

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

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3221357-1

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Lot ID: 257710  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221364-1

Page 1 of 1

|                             |   |      |                    |        |                                  |  |                  |
|-----------------------------|---|------|--------------------|--------|----------------------------------|--|------------------|
| Sample Number               | 257710-1  |      |                    |        |                                  |  |                  |
| Sampled Date                | Feb 10, 2025 9:30 AM  |      |                    |        |                                  |  |                  |
| Sample Description          | Wastewater  |      |                    |        |                                  |  |                  |
| Contract ID                 | L_WHA   | Plot | K-9,K-10,K-11,K-12 | Site   | BNSS STEEL GROUP COMPANY LIMITED |  |                  |
| Date Analysis Commenced     | CIE1_001_2567<br>Feb 10, 2025   |      |                    |        |                                  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |                    |        |                                  |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |                    |        |                                  |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR)          | Result | Guideline / Specification        | Method   | Testing Location |
| Water Testing               |   |      |                    |        |                                  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0                | 43.2   | ≤500                             | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3                  | 4      | ≤10                              | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -                  | 7.8    | 5.5-9.0                          | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sarawit Narapong วรณัฐนิศาณ 3-323-a-0011

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management

Scientist (4)  
วรณัฐนิศาณ 3-323-a-0028

Senior Manager  
วรณัฐนิศาณ 3-323-a-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 257717  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221367-1

Page 1 of 1

| Sample Number                                    | 257717-1   |      |           |        |                           |  |                  |
|--|--|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                                     | Feb 10, 2025 10:00 AM  |      |           |        |                           |  |                  |
| Sample Description                               | Wastewater   |      |           |        |                           |  |                  |
| Contract ID                                      | L_CIE_003_2550   | Plot | B-5       | Site   | Boncafe (Thailand) Ltd.   |  |                  |
| Date Analysis Commenced                          | Feb 10, 2025   |      |           |        |                           |  |                  |
| Condition of Sample                              | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USCPA) |      |           |        |                           |  |                  |
| Physical Property                                | Yellow, a lot of odour, some solid and turbid  |      |           |        |                           |  |                  |
| Analyte  | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Water Testing                                    |  |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L   | -    | 2.0       | 43.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                                     | mg/l   | -    | 3         | ≤3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -  | -    | -         | 7.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L   | -    | 5         | 19     | ≤200                      | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sarawit Narapong วรณัฐนิศาณ 3-323-a-0011

Remark :  
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Technical Management

Scientist (4)  
วรณัฐนิศาณ 3-323-a-0028

Senior Manager  
วรณัฐนิศาณ 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Lot ID: 257633  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221154-1

Page 1 of 1

| Sample Number               | 257633-1   |      |           |        |                           |  |                  |
|-----------------------------|--|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | Feb 10, 2025 9:45 AM   |      |           |        |                           |  |                  |
| Sample Description          | Wastewater   |      |           |        |                           |  |                  |
| Contract ID                 | L_CIE_009_2557   | Plot | B-04      | Site   | Castool Tooling systems   |  |                  |
| Date Analysis Commenced     | Feb 10, 2025   |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                           |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, some solid and turbid  |      |           |        |                           |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Water Testing               |  |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 107    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : สุรวดี นารอง นวณิมาศ รว 323-4-0011

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
นวณิมาศ รว 323-4-0028

Senior Manager  
นวณิมาศ รว 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Lot ID: 257676  
Date Received : Feb 03, 2025  
Date Reported : Feb 10, 2025  
Report Number : 3221371-1

Page 1 of 1

|                             |  |      |                  |        |                                |  |                  |
|-----------------------------|--|------|------------------|--------|--------------------------------|--|------------------|
| Sample Number               | 257676-1   |      |                  |        |                                |  |                  |
| Sampled Date                | Feb 03, 2025 3:10 PM   |      |                  |        |                                |  |                  |
| Sample Description          | Wastewater   |      |                  |        |                                |  |                  |
| Contract ID                 | L_WHA_CIE_001_2563   | Plot | D.13/L.D.13/3(A) | Site   | Chonburi Clean Energy Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Feb 03, 2025   |      |                  |        |                                |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |                  |        |                                |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, some solid and no turbid   |      |                  |        |                                |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR)        | Result | Guideline / Specification      | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |                  |        |                                |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0              | <2.0   | ≤500                           | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3                | <3     | ≤10                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -                | 7.9    | 5.5-9.0                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : ฝักชาติ ทุย นวณิมาศ รว 323-4-0022

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Technical Management



Senior Manager  
นวณิมาศ รว 323-4-0028

Senior Manager  
นวณิมาศ รว 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Lot ID: 257664  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221343-1

Page 1 of 1

| Sample Number               | 257664-1   |      |           |        |                                      |  |                  |
|-----------------------------|--|------|-----------|--------|--------------------------------------|--|------------------|
| Sampled Date                | Feb 10, 2025 2:05 PM   |      |           |        |                                      |  |                  |
| Sample Description          | Wastewater   |      |           |        |                                      |  |                  |
| Contract ID                 | L_CIE_008_2550   | Plot | Z-48      | Site   | Coil Tech Steel (Thailand) Co., Ltd. |  |                  |
| Date Analysis Commenced     | Feb 10, 2025   |      |           |        |                                      |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                                      |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, solid and turbid   |      |           |        |                                      |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification            | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |                                      |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | —    | 2.0       | <2.0   | ≤500                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/l   | —    | 3         | <3     | ≤10                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | —  | —    | —         | 8.1    | 5.5-9.0                              | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : สุรวดี นารอง นวณิมาศ รว 323-4-0011

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
นวณิมาศ รว 323-4-0028

Senior Manager  
นวณิมาศ รว 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Lot ID: 257639  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221161-1

Page 1 of 1

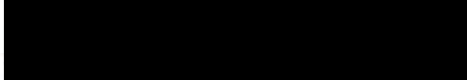
| Sample Number               | 257639-1   |      |           |        |                           |  |                  |
|-----------------------------|--|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | Feb 10, 2025 11:20 AM  |      |           |        |                           |  |                  |
| Sample Description          | Wastewater   |      |           |        |                           |  |                  |
| Contract ID                 | L_CIE_004_2550   | Plot | E-5       | Site   | Daifuku (Thailand) Ltd.   |  |                  |
| Date Analysis Commenced     | Feb 10, 2025   |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                           |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, solid and turbid   |      |           |        |                           |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 10.7   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : อมรเวช วงษ์พาณิชย์ นวณิมาศ รว 323-4-0090

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management



Senior Manager  
นวณิมาศ รว 323-4-0028

Senior Manager  
นวณิมาศ รว 323-4-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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0123456789, AL, AL, AL (1-2-3456789)





## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257672  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221351-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 257672-1   |      |           |        |                                       |  |                  |
|-----------------------------|--|------|-----------|--------|---------------------------------------|--|------------------|
| Sampled Date                | Feb 10, 2025 2:30 PM   |      |           |        |                                       |  |                  |
| Sample Description          | Wastewater   |      |           |        |                                       |  |                  |
| Contract ID                 | L_WHA  | Plot | Z.67      | Site   | DT Wiring Systems (Thailand) Co.,Ltd. |  |                  |
|                             | CEI_004_2562   |      |           |        |                                       |  |                  |
| Date Analysis Commenced     | Feb 10, 2025   |      |           |        |                                       |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                                       |  |                  |
| Physical Property           | (APIA / USEPA)<br>Yellow, a lot of odour, solid and some turbid  |      |           |        |                                       |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification             | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |                                       |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 14.5   | ≤500                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | <3     | ≤10                                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.5    | 5.5-9.0                               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Neeapong วรณิษฐาณกุล > 323-a-0011

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management



Senior Manager  
วรณิษฐาณกุล > 323-a-0028

Senior Manager  
วรณิษฐาณกุล > 323-a-0001

Result apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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0127-123 (THAILAND)

0127-123 (THAILAND)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257674  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221353-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

|                             |  |      |           |        |   |  |                  |
|-----------------------------|--|------|-----------|--------|---|--|------------------|
| Sample Number               | 257674-1   |      |           |        |   |  |                  |
| Sampled Date                | Feb 10, 2025 2:45 PM   |      |           |        |   |  |                  |
| Sample Description          | Wastewater   |      |           |        |   |  |                  |
| Contract ID                 | L_WHA  | Plot | Z.52      | Site   | DTS Draendwaer Automotive Systems (Thailand) Co.,Ltd. |  |                  |
|                             | CEI_006_2562   |      |           |        |   |  |                  |
| Date Analysis Commenced     | Feb 10, 2025   |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |   |  |                  |
|                             | (APIA / USEPA)   |      |           |        |   |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and turbid   |      |           |        |   |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification                             | Method   | Testing Location |
| Water Testing               |  |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 6.6    | ≤500  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | <3     | ≤10   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.0    | 5.5-9.0   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Neeapong วรณิษฐาณกุล > 323-a-0011

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
วรณิษฐาณกุล > 323-a-0028

Senior Manager  
วรณิษฐาณกุล > 323-a-0001

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0127-123 (THAILAND)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257623  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221138-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 257623-1  |      |           |                                |                           |  |                  |
|-----------------------------|---|------|-----------|--------------------------------|---------------------------|--|------------------|
| Sampled Date                | Feb 07, 2025 9:55 AM  |      |           |                                |                           |  |                  |
| Sample Description          | Wastewater  |      |           |                                |                           |  |                  |
| Contract ID                 | L_CIE_005_2550  | Plot | A-1       | Site Duskhulax (Siam) Co.,Ltd. |                           |  |                  |
| Date Analysis Commenced     | Feb 07, 2025  |      |           |                                |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APIA / USEPA) |      |           |                                |                           |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |                                |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result                         | Guideline / Specification | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |                                |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 20.7                           | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3                             | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.8                            | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Neeapong วรณิษฐาณกุล > 323-a-0005

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
วรณิษฐาณกุล > 323-a-0028

Senior Manager  
วรณิษฐาณกุล > 323-a-0001

Result apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257665  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221344-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

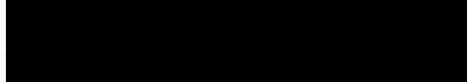
| Sample Number               | 257665-1  |      |           |                                      |                           |  |                  |
|-----------------------------|---|------|-----------|--------------------------------------|---------------------------|--|------------------|
| Sampled Date                | Feb 10, 2025 2:10 PM  |      |           |                                      |                           |  |                  |
| Sample Description          | Wastewater  |      |           |                                      |                           |  |                  |
| Contract ID                 | L_CIE_007_2550  | Plot | Z-49      | Site EBRO Valves (Thailand) Co.,Ltd. |                           |  |                  |
| Date Analysis Commenced     | Feb 10, 2025  |      |           |                                      |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APIA / USEPA) |      |           |                                      |                           |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and turbid  |      |           |                                      |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result                               | Guideline / Specification | Method   | Testing Location |
| Water Testing               |   |      |           |                                      |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 147                                  | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 0                                    | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.4                                  | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Neeapong วรณิษฐาณกุล > 323-a-0011

Remark :  
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Technical Management



Senior Manager  
วรณิษฐาณกุล > 323-a-0028

Senior Manager  
วรณิษฐาณกุล > 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257685  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221934-1

Page 1 of 1

| Sample Number               | 257685-1  |      |           |        |                           |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | Feb 07, 2025 11:50 AM   |      |           |        |                           |  |                  |
| Sample Description          | Wastewater  |      |           |        |                           |  |                  |
| Contract ID                 | L_WHA   | Plot | B6-A      | Site   | ENRX Limited              |  |                  |
|                             | CIE1_002_2564   |      |           |        |                           |  |                  |
| Date Analysis Commenced     | Feb 07, 2025  |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Water Testing               |   |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 64.7   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 8      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5200 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayakoua วังสุวรรณ 323-4-0005

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
วังสุวรรณ 323-4-0001

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0127-1237 (THAILAND)

3221934-1\_01\_01 (4-0396)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257624  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221140-1

Page 1 of 1

| Sample Number               | 257624-1  |      |           |        |                              |  |                  |
|-----------------------------|---|------|-----------|--------|------------------------------|--|------------------|
| Sampled Date                | Feb 07, 2025 10:05 AM   |      |           |        |                              |  |                  |
| Sample Description          | Wastewater  |      |           |        |                              |  |                  |
| Contract ID                 | L_CIE_001_2557  | Plot | A-2       | Site   | Fetol Manufacturing Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Feb 07, 2025  |      |           |        |                              |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                              |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and turbid  |      |           |        |                              |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification    | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                              |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 66.5   | ≤500                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 8      | ≤10                          | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.5    | 5.5-9.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayakoua วังสุวรรณ 323-4-0005

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
วังสุวรรณ 323-4-0001

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0127-1237 (THAILAND)

3221140-1\_01\_01 (4-0396)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257671  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221350-1

Page 1 of 1

| Sample Number               | 257671-1  |      |           |        |                                       |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------------------|--|------------------|
| Sampled Date                | Feb 10, 2025 10:45 AM   |      |           |        |                                       |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                       |  |                  |
| Contract ID                 | L_WHA<br>CIE1_002_2562  | Plot | Z-59F     | Site   | FES International (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Feb 10, 2025  |      |           |        |                                       |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                       |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                                       |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification             | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                                       |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 61.3   | ≤500                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 9      | ≤10                                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -   | -    | -         | 8.0    | 5.5-9.0                               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Narapong วังสุวรรณ 323-4-0011

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
วังสุวรรณ 323-4-0001

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0127-1237 (THAILAND)

3221350-1\_01\_01 (4-0396)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257694  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221944-1

Page 1 of 1

Page 1 of 1

| Sample Number               | 257694-1  |      |           |        |                            |  |                  |
|-----------------------------|---|------|-----------|--------|----------------------------|--|------------------|
| Sampled Date                | Feb 10, 2025 10:50 AM   |      |           |        |                            |  |                  |
| Sample Description          | Wastewater  |      |           |        |                            |  |                  |
| Contract ID                 | L_WHA   | Plot | Z-59G     | Site   | FES International Co.,Ltd. |  |                  |
| CIE1_002_2565               |   |      |           |        |                            |  |                  |
| Date Analysis Commenced     | Feb 10, 2025  |      |           |        |                            |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                            |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                            |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification  | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                            |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 25.0   | ≤500                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 3      | ≤10                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.2    | 5.5-9.0                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Narapong วังสุวรรณ 323-4-0011

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
วังสุวรรณ 323-4-0001

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0127-1237 (THAILAND)

3221944-1\_01\_01 (4-0396)





## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257692  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221941-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 257692-1  
Sampled Date Feb 10, 2025 2:40 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_010\_2558 Plot Z-66 Site Finiox Global Industry Co.,Ltd.  
Date Analysis Commenced Feb 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 8.2    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narapong วสุวิมลสารณ์ > 323-a-0011

Remark :  
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Technical Management



Senior Manager  
วสุวิมลสารณ์ > 323-a-0028

Senior Manager  
วสุวิมลสารณ์ > 323-a-0001

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0127-123 (THAILAND)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257701  
Date Received : Feb 07, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221952-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

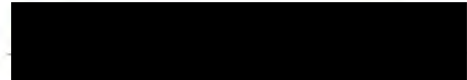
Sample Number 257701-1  
Sampled Date Feb 07, 2025 2:55 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_011\_2557 Plot D-1 Site FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT  
Date Analysis Commenced Feb 07, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 18.5   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansorn Khuyokou วสุวิมลสารณ์ > 323-a-0005

Remark :  
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Technical Management



Senior Manager  
วสุวิมลสารณ์ > 323-a-0028

Senior Manager  
วสุวิมลสารณ์ > 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257641  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221314-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 257641-1  
Sampled Date Feb 07, 2025 2:50 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_004\_2557 Plot D-2 Site FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT  
Date Analysis Commenced Feb 07, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 33.6   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansorn Khuyokou วสุวิมลสารณ์ > 323-a-0005

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Technical Management



Senior Manager  
วสุวิมลสารณ์ > 323-a-0028

Senior Manager  
วสุวิมลสารณ์ > 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257644  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221319-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

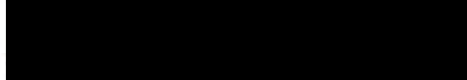
Sample Number 257644-1  
Sampled Date Feb 07, 2025 2:40 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_004\_2558 Plot D-6 Site FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT  
Date Analysis Commenced Feb 07, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 102    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 6      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansorn Khuyokou วสุวิมลสารณ์ > 323-a-0005

Remark :  
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Technical Management



Senior Manager  
วสุวิมลสารณ์ > 323-a-0028

Senior Manager  
วสุวิมลสารณ์ > 323-a-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
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Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 257709  
Date Received : Feb 07, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221963-1

Page 1 of 1

Sample Number : 257709-1  
Sampled Date : Feb 07, 2025 2:25 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_013\_2558 Plot : D-7 Site : FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT

Date Analysis Commenced : Feb 07, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 14.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayakau วรณิมาวณิ 3-323-a-0005

Remark :

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Technical Management



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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 257683  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221932-1

Page 1 of 1

Sample Number : 257683-1  
Sampled Date : Feb 07, 2025 2:25 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_014\_2558 Plot : D-8 Site : FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT

Date Analysis Commenced : Feb 07, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 59.6   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 6      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayakau วรณิมาวณิ 3-323-a-0005

Remark :

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Technical Management



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3/2566(01)\_AL\_01\_01 (1/40000)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 257658  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221336-1

Page 1 of 1

Sample Number : 257658-1  
Sampled Date : Feb 10, 2025 11:20 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_007\_2556 Plot : Z-13 Site : FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT

Date Analysis Commenced : Feb 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 40.7   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 3      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Narapong วรณิมาวณิ 3-323-a-0011

Remark :

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Technical Management



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3/2566(01)\_AL\_01\_01 (1/30000)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 257680  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221929-1

Page 1 of 1

Sample Number : 257680-1  
Sampled Date : Feb 10, 2025 10:15 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA\_CIE1\_011\_2563 Plot : B-7 Site : Glory Winner (Thailand) Co.,Ltd.

Date Analysis Commenced : Feb 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 41.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 3      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Narapong วรณิมาวณิ 3-323-a-0011

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management



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3/2566(01)\_AL\_01\_01 (1/40000)





## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257640  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221162-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 257640-1  |      |           |        |                           |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | Feb 07, 2025 1:50 PM  |      |           |        |                           |  |                  |
| Sample Description          | Wastewater  |      |           |        |                           |  |                  |
| Contract ID                 | L_CIE_009_2550  | Plot | M-1       | Site   | Glow IPP Co.,Ltd.         |  |                  |
| Location                    | Office  |      |           |        |                           |  |                  |
| Date Analysis Commenced     | Feb 07, 2025  |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Water Testing               |   |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 18.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |   | -    | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (D)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Samson Khuykaiya วังสุรินทร์ 3-323-a-0005

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management

Scientist (A)  
วังสุรินทร์ 3-323-a-0028

Senior Manager  
วังสุรินทร์ 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257684  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221933-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 257684-1  |      |           |        |                                |  |                  |
|-----------------------------|---|------|-----------|--------|--------------------------------|--|------------------|
| Sampled Date                | Feb 07, 2025 11:35 AM   |      |           |        |                                |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                |  |                  |
| Contract ID                 | L_WHA_CIE1_001_2564   | Plot | B-8       | Site   | HI Plus Import-Export Co.,Ltd. |  |                  |
| Location                    | Office  |      |           |        |                                |  |                  |
| Date Analysis Commenced     | Feb 07, 2025  |      |           |        |                                |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                |  |                  |
| Physical Property           | Yellow, some odour, solid and turbid  |      |           |        |                                |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification      | Method   | Testing Location |
| Water Testing               |   |      |           |        |                                |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 45.5   | ≤500                           | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |   | -    | -         | 7.0    | 5.5-9.0                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (D)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Samson Khuykaiya วังสุรินทร์ 3-323-a-0005

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

Scientist (A)  
วังสุรินทร์ 3-323-a-0028

Senior Manager  
วังสุรินทร์ 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257734  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221362-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number                                | 257734-1   |      |           |        |   |  |                  |
|--|--|------|-----------|--------|---|--|------------------|
| Sampled Date                                 | Feb 10, 2025 10:30 AM  |      |           |        |   |  |                  |
| Sample Description                           | Wastewater   |      |           |        |   |  |                  |
| Contract ID                                  | L_CIE_011_2550   | Plot | B-1       | Site   | Honey Well Electronic Materials (Thailand) Co.,Ltd. |  |                  |
| Location                                     | Office   |      |           |        |   |  |                  |
| Date Analysis Commenced                      | Feb 10, 2025   |      |           |        |   |  |                  |
| Condition of Sample                          | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property                            | Yellow, a lot of odour, some solid and turbid  |      |           |        |   |  |                  |
| Analyte                                      | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification                           | Method   | Testing Location |
| Water Testing                                |  |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C)                  | mg/L   | -    | 2.0       | 12.8   | ≤500  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                                 | mg/L   | -    | 3         | <3     | ≤10   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                               |  | -    | -         | 7.4    | 5.5-9.0   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (D)            | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L   | -    | 5         | 1372   | ≤3000   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Anonwong Wongsochara วังสุรินทร์ 3-323-a-0040, Samart Khumplee วังสุรินทร์ 3-204-a-0084

Remark :  
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Technical Management

Scientist (A)  
วังสุรินทร์ 3-323-a-0028

Senior Manager  
วังสุรินทร์ 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257734  
Date Received : Feb 10, 2025  
Date Reported : Feb 18, 2025  
Report Number : 3221362-2

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number           | 257734-1   |        |           |        |   |   |                  |
|-------------------------|--|--------|-----------|--------|---|---|------------------|
| Sampled Date            | Feb 10, 2025 10:30 AM  |        |           |        |   |   |                  |
| Sample Description      | Wastewater   |        |           |        |   |   |                  |
| Contract ID             | L_CIE_011_2550   | Plot   | B-1       | Site   | Honey Well Electronic Materials (Thailand) Co.,Ltd. |   |                  |
| Location                | Office   |        |           |        |   |   |                  |
| Date Analysis Commenced | Feb 11, 2025   |        |           |        |   |   |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |        |   |   |                  |
| Physical Property       | Yellow, a lot of odour, some solid and turbid  |        |           |        |   |   |                  |
| Analyte                 | Unit   | LOD    | LOQ (LOR) | Result | Guideline / Specification                           | Method  | Testing Location |
| Metals Testing          |  |        |           |        |   |   |                  |
| Nickel                  | mg/L   | 0.0003 | 0.0005    | 0.20   | ≤1.0  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 f | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Anonwong Wongsochara วังสุรินทร์ 3-323-a-0040, Samart Khumplee วังสุรินทร์ 3-204-a-0084

Remark :  
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Technical Management

Scientist (A)  
วังสุรินทร์ 3-204-a-0007

Senior Manager  
วังสุรินทร์ 3-204-a-0004

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Lot ID: 257682  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221931-1

Page 1 of 1

Sample Number 257682-1  
Sampled Date Feb 10, 2025 3:20 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_016\_2563 Plot Z-63 Site Imanaka (Thailand) Co.,Ltd.  
Date Analysis Commenced Feb 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 32.6   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Narapong วรณิศาวัฒน์ > 323-a-0011

Remark :  
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Technical Management



Scientist (A)  
วรณิศาวัฒน์ > 323-a-0028

Senior Manager  
วรณิศาวัฒน์ > 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Lot ID: 257728  
Date Received : Feb 07, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221356-1

Page 1 of 1

Sample Number 257728-1  
Sampled Date Feb 07, 2025 2:00 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_002\_2558 Plot M-2 Site Insee Ecocycle Co.,Ltd.  
Date Analysis Commenced Feb 07, 2025  
Condition of Sample Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Black, a lot of odour, solid and turbid

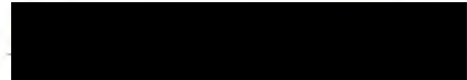
| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>                             |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L | -   | 2.0       | 35.8   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| COD  | mg/L | 1.5 | 25        | 147    | ≤750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 D                  | Rayong           |
| Oil & Grease                                     | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | -   | 5         | 26     | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Saroson Khuyokun วรณิศาวัฒน์ > 323-a-0005

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Scientist (A)  
วรณิศาวัฒน์ > 323-a-0028

Senior Manager  
วรณิศาวัฒน์ > 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Lot ID: 257719  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221309-1

Page 1 of 1

Sample Number 257719-1  
Sampled Date Feb 10, 2025 11:30 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_002\_2561 Plot Z-18 Site KIMSONG ARTIWOOD Co.,Ltd.  
Date Analysis Commenced Feb 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD  | LOQ (LOR) | Result       | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|------|-----------|--------------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |      |           |              |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -    | 2.0       | 126          | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Formaldehyde                | mg/L | 0.01 | 0.1       | Not Detected | <1                        | Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004                                 | Rayong           |
| Oil & Grease                | mg/L | -    | 3         | 5            | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -    | -         | 7.8          | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Narapong วรณิศาวัฒน์ > 323-a-0011

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management



Scientist (A)  
วรณิศาวัฒน์ > 323-a-0028

Senior Manager  
วรณิศาวัฒน์ > 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Lot ID: 257666  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221345-1

Page 1 of 1

Sample Number 257666-1  
Sampled Date Feb 10, 2025 10:25 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_016\_2557 Plot Z-59A Site Kintetsu Logistics (Thailand) Co.,Ltd.  
Date Analysis Commenced Feb 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

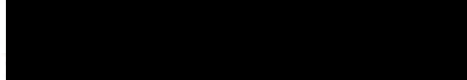
| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 18.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <1     | <10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Narapong วรณิศาวัฒน์ > 323-a-0011

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management



Scientist (A)  
วรณิศาวัฒน์ > 323-a-0028

Senior Manager  
วรณิศาวัฒน์ > 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Lot ID: 257630  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221151-1

Page 1 of 1

| Sample Number               | 257630-1  |      |           |        |                              |   |                  |
|-----------------------------|---|------|-----------|--------|------------------------------|---|------------------|
| Sampled Date                | Feb 07, 2025 11:15 AM   |      |           |        |                              |   |                  |
| Sample Description          | Wastewater  |      |           |        |                              |   |                  |
| Contract ID                 | L_CIE_001_2556  | Plot | B-11C     | Site   | Kuriyama (Thailand) Co.,Ltd. |   |                  |
| Location                    | Factory 1   |      |           |        |                              |   |                  |
| Date Analysis Commenced     | Feb 07, 2025  |      |           |        |                              |   |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                              |   |                  |
| Physical Property           | Yellow, a lot of odour, solid and turbid  |      |           |        |                              |   |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification    | Method  | Testing Location |
| Water Testing               |   |      |           |        |                              |   |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 40.9   | ≤500                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O <sub>5</sub> | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 10     | ≤10                          | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                             | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.7    | 5.5-9.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)                       | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Samson Khuyokasai ๖323-๙0005

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
๖323-๙0028

Senior Manager  
๖323-๙0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Lot ID: 257730  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221358-1

Page 1 of 1

| Sample Number                                | 257730-1   |      |           |        |                           |   |                  |
|--|--|------|-----------|--------|---------------------------|---|------------------|
| Sampled Date                                 | Feb 10, 2025 1:30 PM   |      |           |        |                           |   |                  |
| Sample Description                           | Wastewater   |      |           |        |                           |   |                  |
| Contract ID                                  | L_CIE_020_2550   | Plot | Z-3       | Site   | Kyden (Thailand) Co.,Ltd. |   |                  |
| Location                                     | Factory 1  |      |           |        |                           |   |                  |
| Date Analysis Commenced                      | Feb 10, 2025   |      |           |        |                           |   |                  |
| Condition of Sample                          | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |   |                  |
| Physical Property                            | Yellow, some odour, solid and no turbid  |      |           |        |                           |   |                  |
| Analyte                                      | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method  | Testing Location |
| Water Testing                                |  |      |           |        |                           |   |                  |
| BOD (5 days at 20 Degree C)                  | mg/L   | -    | 2.0       | 10.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O <sub>5</sub> | Rayong           |
| Oil & Grease                                 | mg/L   | -    | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                             | Rayong           |
| pH (on site) *                               | -  | -    | -         | 6.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)                       | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L   | -    | 5         | 492    | ≤3000                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                             | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Anonwech Wongsochai ๖323-๙0040 , Samart Khumpluee ๖204-๙0084

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
๖323-๙0028

Senior Manager  
๖323-๙0001

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## Analysis / Test Report

TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Lot ID: 257730  
Date Received : Feb 10, 2025  
Date Reported : Feb 18, 2025  
Report Number : 3221358-2

Page 1 of 1

| Sample Number           | 257730-1   |        |           |        |                           |  |                  |
|-------------------------|--|--------|-----------|--------|---------------------------|--|------------------|
| Sampled Date            | Feb 10, 2025 1:30 PM   |        |           |        |                           |  |                  |
| Sample Description      | Wastewater   |        |           |        |                           |  |                  |
| Contract ID             | L_CIE_020_2550   | Plot   | Z-3       | Site   | Kyden (Thailand) Co.,Ltd. |  |                  |
| Location                | Factory 1  |        |           |        |                           |  |                  |
| Date Analysis Commenced | Feb 11, 2025   |        |           |        |                           |  |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |        |                           |  |                  |
| Physical Property       | Yellow, some odour, solid and no turbid  |        |           |        |                           |  |                  |
| Analyte                 | Unit   | LOD    | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Metals Testing          |  |        |           |        |                           |  |                  |
| Copper                  | mg/L   | 0.0003 | 0.0005    | 0.52   | ≤2.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |
| Nickel                  | mg/L   | 0.0003 | 0.0005    | 0.002  | ≤1.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Anonwech Wongsochai ๖323-๙0040 , Samart Khumpluee ๖204-๙0084

Remark :  
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Technical Management



Manager  
๖204-๙0007

Assistant General Manager  
๖204-๙0004

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Lot ID: 257731  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221361-1

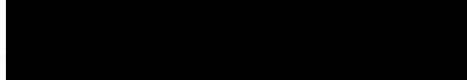
Page 1 of 1

| Sample Number                                | 257731-1   |      |           |        |                           |   |                  |
|--|--|------|-----------|--------|---------------------------|---|------------------|
| Sampled Date                                 | Feb 10, 2025 1:45 PM   |      |           |        |                           |   |                  |
| Sample Description                           | Wastewater   |      |           |        |                           |   |                  |
| Contract ID                                  | L_CIE_021_2550   | Plot | Z-6       | Site   | Kyden (Thailand) Co.,Ltd. |   |                  |
| Location                                     | Factory 2  |      |           |        |                           |   |                  |
| Date Analysis Commenced                      | Feb 10, 2025   |      |           |        |                           |   |                  |
| Condition of Sample                          | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |   |                  |
| Physical Property                            | Yellow, a lot of odour, solid and some turbid  |      |           |        |                           |   |                  |
| Analyte                                      | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method  | Testing Location |
| Water Testing                                |  |      |           |        |                           |   |                  |
| BOD (5 days at 20 Degree C)                  | mg/L   | -    | 2.0       | 25.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O <sub>5</sub> | Rayong           |
| Oil & Grease                                 | mg/L   | -    | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                             | Rayong           |
| pH (on site) *                               | -  | -    | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)                       | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L   | -    | 5         | 328    | ≤3000                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                             | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Anonwech Wongsochai ๖323-๙0040 , Samart Khumpluee ๖204-๙0084

Remark :  
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Technical Management



Senior Manager  
๖323-๙0028

Senior Manager  
๖323-๙0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1



TESTING  
No.0049

Lot ID: 257731  
Date Received : Feb 10, 2025  
Date Reported : Feb 18, 2025  
Report Number : 3221361-2

Page 1 of 1

| Sample Number           | 257731-1   |        |           |        |                           |  |                  |
|-------------------------|--|--------|-----------|--------|---------------------------|--|------------------|
| Sampled Date            | Feb 10, 2025 1:45 PM   |        |           |        |                           |  |                  |
| Sample Description      | Wastewater   |        |           |        |                           |  |                  |
| Contract ID             | L_CIE_021_2550   | Plot   | Z-6       | Site   | Kyodm (Thailand) Co.,Ltd. |  |                  |
| Location                | Factory 2  |        |           |        |                           |  |                  |
| Date Analysis Commenced | Feb 11, 2025   |        |           |        |                           |  |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |        |                           |  |                  |
| Physical Property       | Yellow, a lot of odour, solid and some turbid  |        |           |        |                           |  |                  |
| Analyte                 | Unit   | LOD    | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Metals Testing          |  |        |           |        |                           |  |                  |
| Copper                  | mg/L   | 0.0003 | 0.0005    | 0.51   | ≤2.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F | Bangkok          |
| Nickel                  | mg/L   | 0.0003 | 0.0005    | 0.001  | ≤1.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Amornich Wongsachai วรณนิช วรณนิชวารี > 323-4-0049, Sanart Khumplee วรณนิชวารี > 204-4-0084

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Technical Management



วรณนิชวารี > 204-4-0037

วรณนิชวารี > 204-4-0004

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 257628  
Date Received : Feb 13, 2025  
Date Reported : Feb 19, 2025  
Report Number : 3221148-1

Page 1 of 1

| Sample Number               | 257628-1  |      |           |        |                                     |  |                  |
|-----------------------------|---|------|-----------|--------|-------------------------------------|--|------------------|
| Sampled Date                | Feb 13, 2025 11:18 AM   |      |           |        |                                     |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                     |  |                  |
| Contract ID                 | L_CIE_001_2554  | Plot | A-5/1     | Site   | Laem Chabang Tank Services Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Feb 13, 2025  |      |           |        |                                     |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                     |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and turbid  |      |           |        |                                     |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification           | Method   | Testing Location |
| Water Testing               |   |      |           |        |                                     |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 193    | ≤500                                | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 3      | ≤10                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.4    | 5.5-9.0                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Pittaya Thongtaeng วรณนิชวารี > 323-4-0030

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Technical Management



วรณนิชวารี > 323-4-0028

วรณนิชวารี > 323-4-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 257634  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221155-1

Page 1 of 1

| Sample Number               | 257634-1  |      |           |        |                               |  |                  |
|-----------------------------|---|------|-----------|--------|-------------------------------|--|------------------|
| Sampled Date                | Feb 07, 2025 11:45 AM   |      |           |        |                               |  |                  |
| Sample Description          | Wastewater  |      |           |        |                               |  |                  |
| Contract ID                 | L_CIE_001_2551  | Plot | B-7       | Site   | Lungka Products Asia Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Feb 07, 2025  |      |           |        |                               |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                               |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and a lot of turbid  |      |           |        |                               |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification     | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                               |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | —    | 2.0       | 204    | ≤500                          | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/l  | —    | 3         | 7      | ≤10                           | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | —   | —    | —         | 6.3    | 5.5-9.0                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sansorn Khayekasai วรณนิชวารี > 323-4-0005

Remark :  
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Technical Management



วรณนิชวารี > 323-4-0028

วรณนิชวารี > 323-4-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 257714  
Date Received : Feb 07, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221969-1

Page 1 of 1

|                             |   |      |           |        |                           |  |
|-----------------------------|---|------|-----------|--------|---------------------------|--|
| Sample Number               | 257714-1  |      |           |        |                           |  |
| Sampled Date                | Feb 07, 2025 10:55 AM   |      |           |        |                           |  |
| Sample Description          | Wastewater  |      |           |        |                           |  |
| Contract ID                 | L_WHA_CIE1_005_2567   | Plot | B.12C     | Site   | MARU Global Co.,Ltd.      |  |
| Date Analysis Commenced     | Feb 07, 2025  |      |           |        |                           |  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |
| Physical Property           | Yellow, some odour, solid and turbid  |      |           |        |                           |  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   |
| Water Testing               |   |      |           |        |                           |  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 100    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G |
| Oil & Grease                | mg/L  | -    | 3         | 8      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  |
| pH (on site) *              | -   | -    | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sansorn Khayekasai วรณนิชวารี > 323-4-0005

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management



วรณนิชวารี > 323-4-0028

วรณนิชวารี > 323-4-0001

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0127-123 (THAILAND)

0127-123 (THAILAND)





## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257670  
Date Received : Feb 07, 2025  
Date Reported : Feb 10, 2025  
Report Number : 3221349-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number               | 257670-1   |      |           |        |                           |  |                  |
|-----------------------------|--|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | Feb 07, 2025 11:00 AM  |      |           |        |                           |  |                  |
| Sample Description          | Wastewater   |      |           |        |                           |  |                  |
| Contract ID                 | L_WHA  | Plot | B-12D     | Site   | MARU Global Co.,Ltd.      |  |                  |
|                             | CIE1_001_2562  |      |           |        |                           |  |                  |
| Date Analysis Commenced     | Feb 07, 2025   |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                           |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, solid and turbid   |      |           |        |                           |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | —    | 2.0       | 53.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | —    | 3         | 8      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | —  | —    | —         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayakul veetiamuani y-323-a-0005

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management



Senior (4)  
สมัครเกียรติ ย-323-a-0028

Senior Manager  
สมัครเกียรติ ย-323-a-0001

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3/202501\_01\_01\_01 (0.0000)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257702  
Date Received : Feb 03, 2025  
Date Reported : Feb 10, 2025  
Report Number : 3221953-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number               | 257702-1  |      |           |        |   |  |                  |
|-----------------------------|---|------|-----------|--------|---|--|------------------|
| Sampled Date                | Feb 03, 2025 2:17 PM  |      |           |        |   |  |                  |
| Sample Description          | Wastewater  |      |           |        |   |  |                  |
| Contract ID                 | L_WHA   | Plot | F-14      | Site   | MAX METAL INTERNATIONAL COMPANY LIMITED |  |                  |
|                             | CIE_001_2566  |      |           |        |   |  |                  |
| Date Analysis Commenced     | Feb 03, 2025  |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APIA / USEPA) |      |           |        |   |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and turbid  |      |           |        |   |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 17.3   | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 4      | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.0    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Fikachai Tunyong veetiamuani y-323-a-0022

Remark :

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Technical Management



Senior (4)  
สมัครเกียรติ ย-323-a-0028

Senior Manager  
สมัครเกียรติ ย-323-a-0001

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3/202501\_01\_01\_01 (0.0000)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257669  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221348-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number               | 257669-1  |      |           |   |                           |  |                  |  |  |  |
|-----------------------------|---|------|-----------|---|---------------------------|--|------------------|--|--|--|
| Sampled Date                | Feb 10, 2025 11:00 AM   |      |           |   |                           |  |                  |  |  |  |
| Sample Description          | Wastewater  |      |           |   |                           |  |                  |  |  |  |
| Contract ID                 | L_CIE_001_2560  | Plot | Z.57      | Site: Muntors Ingredients (Thailand) Co.,Ltd. |                           |  |                  |  |  |  |
| Date Analysis Commenced     | Feb 10, 2025  |      |           |   |                           |  |                  |  |  |  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APIA / USEPA) |      |           |   |                           |  |                  |  |  |  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |   |                           |  |                  |  |  |  |
|                             |   |      |           |   |                           |  |                  |  |  |  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result  | Guideline / Specification | Method   | Testing Location |  |  |  |
| <b>Water Testing</b>        |   |      |           |   |                           |  |                  |  |  |  |
| BOD (5 days at 20 Degree C) | mg/L  | —    | 2.0       | 33.8  | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |  |  |  |
| Oil & Grease                | mg/l  | —    | 3         | <1  | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |  |  |  |
| pH (on site) *              | —   | —    | —         | 7.1   | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |  |  |  |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Surawit Narong veetiamuani y-323-a-0011

Remark :

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Technical Management



Senior (4)  
สมัครเกียรติ ย-323-a-0028

Senior Manager  
สมัครเกียรติ ย-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257642  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221316-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number               | 257642-1  |      |           |        |  |  |                  |
|-----------------------------|---|------|-----------|--------|--|--|------------------|
| Sampled Date                | Feb 07, 2025 3:05 PM  |      |           |        |  |  |                  |
| Sample Description          | Wastewater  |      |           |        |  |  |                  |
| Contract ID                 | L_CIE_012_2557  | Plot | C-2,3,4   | Site   | Nakagawa Special Steel (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Feb 07, 2025  |      |           |        |  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APIA / USEPA) |      |           |        |  |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |  |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification                  | Method   | Testing Location |
| Water Testing               |   |      |           |        |  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 18.6   | ≤500                                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <1     | ≤10  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.9    | 5.5-9.0                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

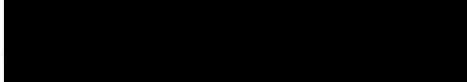
Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khayakul veetiamuani y-323-a-0005

Remark :

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Technical Management



Senior (4)  
สมัครเกียรติ ย-323-a-0028

Senior Manager  
สมัครเกียรติ ย-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Lot ID: 257705  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221956-1

Page 1 of 1

| Sample Number               | 257705-1   |      |           |        |   |  |                  |
|-----------------------------|--|------|-----------|--------|---|--|------------------|
| Sampled Date                | Feb 10, 2025 3:40 PM   |      |           |        |   |  |                  |
| Sample Description          | Wastewater   |      |           |        |   |  |                  |
| Contract ID                 | L_WHA  | Plot | K2        | Site   | NAMYONG TERMINAL PUBLIC COMPANY LIMITED |  |                  |
| Date Analysis Commenced     | CIEI_005_2566<br>Feb 10, 2025  |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |   |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, solid and turbid   |      |           |        |   |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 67.4   | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | <3     | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 8.0    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawit Nanyongyong วรณิณณารักษ์ 3-323-4-0011

Remark :  
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Technical Management



Senior Manager  
วรณิณณารักษ์ 3-323-4-0001

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3221956-1, AL (L) up 13-20000



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Lot ID: 257713  
Date Received : Feb 07, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221968-1

Page 1 of 1

| Sample Number               | 257713-1  |      |            |        |                                  |  |                  |
|-----------------------------|---|------|------------|--------|----------------------------------|--|------------------|
| Sampled Date                | Feb 07, 2025 10:40 AM   |      |            |        |                                  |  |                  |
| Sample Description          | Wastewater  |      |            |        |                                  |  |                  |
| Contract ID                 | L_WHA   | Plot | A.9A, A.10 | Site   | NBC Meshiter (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced     | CIEI_004_2567<br>Feb 07, 2025   |      |            |        |                                  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |            |        |                                  |  |                  |
| Physical Property           | Yellow, some odour, solid and turbid  |      |            |        |                                  |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR)  | Result | Guideline / Specification        | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |            |        |                                  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0        | 7.0    | ≤500                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3          | <3     | ≤10                              | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -          | 7.1    | 5.5-9.0                          | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawit Nanyongyong วรณิณณารักษ์ 3-323-4-0005

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
วรณิณณารักษ์ 3-323-4-0001

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3221968-1, AL (L) up 13-20000



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Lot ID: 257647  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221323-1

Page 1 of 1

| Sample Number               | 257647-1  |      |           |        |                           |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | Feb 07, 2025 10:45 AM   |      |           |        |                           |  |                  |
| Sample Description          | Wastewater  |      |           |        |                           |  |                  |
| Contract ID                 | L_CIEI_002_2560   | Plot | A-8A      | Site   |                           |  |                  |
| Date Analysis Commenced     | Feb 07, 2025  |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |                  |
| Physical Property           | Yellow, some odour, solid and turbid  |      |           |        |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Water Testing               |   |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | —    | 2.0       | 51.5   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | —    | 3         | 7      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | —   | —    | —         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawit Nanyongyong วรณิณณารักษ์ 3-323-4-0005

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
วรณิณณารักษ์ 3-323-4-0001

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3221323-1, AL (L) up 13-20000



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Lot ID: 257693  
Date Received : Feb 07, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221943-1

Page 1 of 1

|                             |   |      |           |        |                           |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------|--|------------------|
| Sample Number               | 257693-1  |      |           |        |                           |  |                  |
| Sampled Date                | Feb 07, 2025 11:20 AM   |      |           |        |                           |  |                  |
| Sample Description          | Wastewater  |      |           |        |                           |  |                  |
| Contract ID                 | L_WHA   | Plot | B-11D     | Site   |                           |  |                  |
| Date Analysis Commenced     | CIEI_001_2565<br>Feb 07, 2025   |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Water Testing               |   |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 85.4   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 10     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 8.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawit Nanyongyong วรณิณณารักษ์ 3-323-4-0005

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management



Senior Manager  
วรณิณณารักษ์ 3-323-4-0001

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3221943-1, AL (L) up 13-20000





## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 257727  
Date Received : Feb 07, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221142-1

Page 1 of 1

| Sample Number                                    | 257727-1  |      |           |        |                                       |  |                  |
|--|---|------|-----------|--------|---------------------------------------|--|------------------|
| Sampled Date                                     | Feb 07, 2025 10:20 AM   |      |           |        |                                       |  |                  |
| Sample Description                               | Wastewater  |      |           |        |                                       |  |                  |
| Contract ID                                      | L_CIE_016_2550  | Plot | A-4       | Site   | NIDEC Die-casting (Thailand) Co.,Ltd. |  |                  |
| Location   | Factory 1   |      |           |        |                                       |  |                  |
| Date Analysis Commenced                          | Feb 07, 2025  |      |           |        |                                       |  |                  |
| Condition of Sample                              | Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. |      |           |        |                                       |  |                  |
| Physical Property                                | (APHA / USEPA)<br>Yellow, some odour, solid and no turbid   |      |           |        |                                       |  |                  |
| Analyte  | Unit  | LOD  | LOQ (LOB) | Result | Guideline / Specification             | Method   | Testing Location |
| Water Testing                                    |   |      |           |        |                                       |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L  | -    | 2.0       | 6.9    | ≤500                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| COD  | mg/L  | 1.5  | 25        | 34     | ≤750                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                     | mg/L  | -    | 3         | 4      | ≤10                                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -   | -    | -         | 7.4    | 5.5-9.0                               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L  | -    | 5         | <5     | ≤200                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khuyoksa เวชชีวินทร์ > 323-a-0005

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management



Senior Manager  
เวชชีวินทร์ > 323-a-0028

Senior Manager  
เวชชีวินทร์ > 323-a-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 257626  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221143-1

Page 1 of 1

| Sample Number               | 257626-1   |      |           |        |                                       |  |                  |
|-----------------------------|--|------|-----------|--------|---------------------------------------|--|------------------|
| Sampled Date                | Feb 07, 2025 10:15 AM  |      |           |        |                                       |  |                  |
| Sample Description          | Wastewater   |      |           |        |                                       |  |                  |
| Contract ID                 | L_CIE_027_2550   | Plot | A-5       | Site   | NIDEC Die-casting (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Feb 07, 2025   |      |           |        |                                       |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                                       |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, solid and turbid   |      |           |        |                                       |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification             | Method   | Testing Location |
| Water Testing               |  |      |           |        |                                       |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 94.6   | ≤500                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | 6      | ≤10                                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.1    | 5.5-9.0                               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khuyoksa เวชชีวินทร์ > 323-a-0005

Remark :  
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Technical Management



Senior Manager  
เวชชีวินทร์ > 323-a-0028

Senior Manager  
เวชชีวินทร์ > 323-a-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 257675  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221379-1

Page 1 of 1

| Sample Number               | 257675-1   |      |           |        |                                       |  |                  |
|-----------------------------|--|------|-----------|--------|---------------------------------------|--|------------------|
| Sampled Date                | Feb 07, 2025 10:10 AM  |      |           |        |                                       |  |                  |
| Sample Description          | Wastewater   |      |           |        |                                       |  |                  |
| Contract ID                 | L_CIE_002_2553   | Plot | A-6       | Site   | NIDEC Die-casting (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Feb 07, 2025   |      |           |        |                                       |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment – preservation standards. |      |           |        |                                       |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, solid and turbid   |      |           |        |                                       |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification             | Method   | Testing Location |
| Water Testing               |  |      |           |        |                                       |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | –    | 2.0       | 123    | ≤500                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | –    | 3         | 8      | ≤10                                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | –  | –    | –         | 8.3    | 5.5-9.0                               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khuyoksa เวชชีวินทร์ > 323-a-0005

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
เวชชีวินทร์ > 323-a-0028

Senior Manager  
เวชชีวินทร์ > 323-a-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 257652  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221329-1

Page 1 of 1

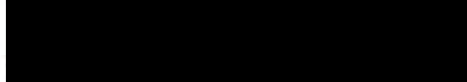
| Sample Number               | 257652-1  |      |           |        |                              |  |                  |
|-----------------------------|---|------|-----------|--------|------------------------------|--|------------------|
| Sampled Date                | Feb 07, 2025 9:50 AM  |      |           |        |                              |  |                  |
| Sample Description          | Wastewater  |      |           |        |                              |  |                  |
| Contract ID                 | L_CIE_006_2560  | Plot | K-1       | Site   | Nikken MC Aluminium Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Feb 07, 2025  |      |           |        |                              |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                              |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                              |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification    | Method   | Testing Location |
| Water Testing               |   |      |           |        |                              |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 33.9   | ≤500                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <1     | ≤10                          | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.6    | 5.5-9.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Samson Khuyoksa เวชชีวินทร์ > 323-a-0005

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Technical Management



Senior Manager  
เวชชีวินทร์ > 323-a-0028

Senior Manager  
เวชชีวินทร์ > 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257645  
Date Received : Feb 13, 2025  
Date Reported : Feb 19, 2025  
Report Number : 3221320-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 257645-1  
Sampled Date : Feb 13, 2025 11:00 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_005\_2558 Plot : A-5/2 Site : Nual Chavere Engineering Co.,Ltd.  
Date Analysis Commenced : Feb 13, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, some odour, no solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Pittaya Thongtaeng วรณัฐสาร 323-4-0030

Remark :  
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Technical Management



Senior Manager  
วรณัฐสาร 323-4-0030

Senior Manager  
วรณัฐสาร 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257711  
Date Received : Feb 07, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221965-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

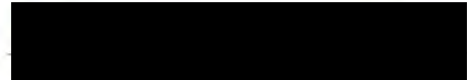
Sample Number : 257711-1  
Sampled Date : Feb 07, 2025 10:50 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA\_CIE\_002\_2567 Plot : B.12A Site : PRISM TELECOM ASIA LIMITED  
Date Analysis Commenced : Feb 07, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 14.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Samson Khuyakorn วรณัฐสาร 323-4-0005

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
วรณัฐสาร 323-4-0028

Senior Manager  
วรณัฐสาร 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257638  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221668-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 257638-1  
Sampled Date : Feb 07, 2025 1:35 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_014\_2560 Plot : D-12/2A Site : S.O. TANK CLEANING TERMINAL Co.,Ltd.  
Date Analysis Commenced : Feb 07, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 93.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 10     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Samson Khuyakorn วรณัฐสาร 323-4-0005

Remark :  
- LOD : Limit of Detection  
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Technical Management



Senior Manager  
วรณัฐสาร 323-4-0028

Senior Manager  
วรณัฐสาร 323-4-0001

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0127-123 (THAI)

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257662  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221941-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

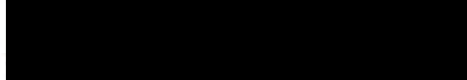
Sample Number : 257662-1  
Sampled Date : Feb 10, 2025 2:00 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_010\_2556 Plot : Z-32 Site : Sail Industry (Thailand) Co.,Ltd.  
Date Analysis Commenced : Feb 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 19.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Neepong วรณัฐสาร 323-4-0011

Remark :  
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Technical Management



Senior Manager  
วรณัฐสาร 323-4-0028

Senior Manager  
วรณัฐสาร 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257712  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221967-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 257712-1  
Sampled Date : Feb 10, 2025 1:55 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_003\_2567  
Date Analysis Commenced : Feb 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 19.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Narapong วรณิณวัฒน์ 3223-4-0011

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Technical Management



Senior Manager  
วรณิณวัฒน์ 3223-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257661  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221340-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 257661-1  
Sampled Date : Feb 10, 2025 1:40 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_032\_2550  
Date Analysis Commenced : Feb 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 131    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 6      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Narapong วรณิณวัฒน์ 3223-4-0011

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วรณิณวัฒน์ 3223-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257721  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221354-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 257721-1  
Sampled Date : Feb 10, 2025 11:00 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2555  
Date Analysis Commenced : Feb 10, 2025  
Condition of Sample : Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte                                      | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>                         |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                  | mg/L | -   | 2.0       | 128    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| COD  | mg/L | 1.5 | 25        | 403    | <750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                 | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                               | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L | -   | 5         | 388    | ≤3000                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Anonwech Wongphachai วรณิณวัฒน์ 3223-4-0040, Samart Khumplee วรณิณวัฒน์ 3204-4-0084

Remark :  
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Technical Management



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## Analysis / Test Report

TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257721  
Date Received : Feb 10, 2025  
Date Reported : Feb 18, 2025  
Report Number : 3221354-2

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 257721-1  
Sampled Date : Feb 10, 2025 11:00 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2555  
Date Analysis Commenced : Feb 11, 2025  
Condition of Sample : Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte               | Unit | LOD    | LOQ (LOR) | Result | Guideline / Specification | Method  | Testing Location |
|-----------------------|------|--------|-----------|--------|---------------------------|---|------------------|
| <b>Metals Testing</b> |      |        |           |        |                           |   |                  |
| Nickel                | mg/L | 0.0003 | 0.0005    | 0.01   | ≤1.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok          |
| Zinc                  | mg/L | 0.0003 | 0.0005    | 1.34   | ≤5.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Anonwech Wongphachai วรณิณวัฒน์ 3223-4-0040, Samart Khumplee วรณิณวัฒน์ 3204-4-0084

Remark :  
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Technical Management



Senior Manager  
วรณิณวัฒน์ 3204-4-0004

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0009

Lot ID: 257721  
Date Received : Feb 10, 2025  
Date Reported : Feb 18, 2025  
Report Number : 3221354-3

Page 1 of 1

Sample Number : 257721-1  
Sampled Date : Feb 10, 2025 11:00 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2555 Plot : C-5,6 Site : SANG CHAREON EASTERN GALVANIZE CO.,LTD.  
Date Analysis Commenced : Feb 11, 2025  
Condition of Sample : Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte        | Unit | LOD   | LOQ (LOD) | Result | Guideline / Specification | Method   | Testing Location |
|----------------|------|-------|-----------|--------|---------------------------|--|------------------|
| Metals Testing |      |       |           |        |                           |  |                  |
| Iron           | mg/L | 0.003 | 0.005     | 3.02   | ≤10.0                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3100 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Anonwech Wongsachai , Samart Khumplueh

Remark :  
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Manager

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5/19/2025, AL\_01\_01 (1:00PM)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
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Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 257657  
Date Received : Feb 03, 2025  
Date Reported : Feb 10, 2025  
Report Number : 3221335-1

Page 1 of 1

Sample Number : 257657-1  
Sampled Date : Feb 03, 2025 2:12 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_018\_2557 Plot : F-15 Site : SET (Thailand) Co.,Ltd.  
Date Analysis Commenced : Feb 03, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOD) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 68.7   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Ekachai Tunong วังเดิมวารี 323-4-0022

Remark :  
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Technical Management

วังเดิมวารี 323-4-0022

วังเดิมวารี 323-4-0001

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5/19/2025, AL\_01\_01 (1:00PM)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 257656  
Date Received : Feb 03, 2025  
Date Reported : Feb 10, 2025  
Report Number : 3221334-1

Page 1 of 1

Sample Number : 257656-1  
Sampled Date : Feb 03, 2025 2:45 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_017\_2557 Plot : F-10 Site : Shinsei Koki (Thailand) Corporation Limited.  
Date Analysis Commenced : Feb 03, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOD) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 15.6   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <1     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Ekachai Tunong วังเดิมวารี 323-4-0022

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Technical Management

วังเดิมวารี 323-4-0028

วังเดิมวารี 323-4-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 257632  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221153-1

Page 1 of 1

Sample Number : 257632-1  
Sampled Date : Feb 10, 2025 9:40 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_017\_2550 Plot : B-3 Site : Shinwa Kogyo (Thailand) Co.,Ltd.  
Date Analysis Commenced : Feb 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOD) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 9.5    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <1     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Surawit Neeapong วังเดิมวารี 323-4-0011

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management

วังเดิมวารี 323-4-0028

วังเดิมวารี 323-4-0001

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5127-123 (ENGL)

5/19/2025, AL\_01\_01 (1:00PM)





## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257636  
Date Received : Feb 03, 2025  
Date Reported : Feb 10, 2025  
Report Number : 3221157-1

Page 1 of 1

Sample Number : 257636-1  
Sampled Date : Feb 03, 2025 3:00 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_018\_2550 Plot D-13/2 Site Siam Steel Mill Services Ltd.  
Date Analysis Commenced : Feb 03, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Green, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 14.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunyong วศินฐานนท์ > 323-a-0022

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Technical Management



Senior Manager  
วศินฐานนท์ > 323-a-0028

Senior Manager  
วศินฐานนท์ > 323-a-0001

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3221157-1 (0042)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257631  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221152-1

Page 1 of 1

Sample Number : 257631-1  
Sampled Date : Feb 07, 2025 11:05 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_004\_2557 Plot B-11A Site SPF (Thailand) Co.,Ltd.  
Date Analysis Commenced : Feb 07, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 33.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 3      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansorn Khuyokou วศินฐานนท์ > 323-a-0005

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Technical Management



Senior Manager  
วศินฐานนท์ > 323-a-0028

Senior Manager  
วศินฐานนท์ > 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257635  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221156-1

Page 1 of 1

Sample Number : 257635-1  
Sampled Date : Feb 07, 2025 2:45 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_019\_2550 Plot D-4 Site Taisei Plas (Thailand) Co.,Ltd.  
Date Analysis Commenced : Feb 07, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 71.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansorn Khuyokou วศินฐานนท์ > 323-a-0005

Remark :  
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Technical Management



Senior Manager  
วศินฐานนท์ > 323-a-0028

Senior Manager  
วศินฐานนท์ > 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257643  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221318-1

Page 1 of 1

Sample Number : 257643-1  
Sampled Date : Feb 07, 2025 2:10 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_003\_2558 Plot H-3 Site Tayhi Kenmos Auto Parts (Thailand) Co.,Ltd.  
Date Analysis Commenced : Feb 07, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 101    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sansorn Khuyokou วศินฐานนท์ > 323-a-0005

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Technical Management



Senior Manager  
วศินฐานนท์ > 323-a-0028

Senior Manager  
วศินฐานนท์ > 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257720  
Date Received : Feb 03, 2025  
Date Reported : Feb 10, 2025  
Report Number : 3221368-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 257720-1  
Sampled Date : Feb 03, 2025 2:25 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_013\_2560 Plot : F-13A Site : Thai daern Precision Co.,Ltd.  
Date Analysis Commenced : Feb 03, 2025  
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>                             |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L | -   | 2.0       | 139    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| COD  | mg/L | 1.5 | 25        | 343    | ≤750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                     | mg/L | -   | 3         | 8      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Dissolved Solids Dried at 180 degree C     | mg/L | -   | 5         | 336    | ≤3000                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | -   | 5         | 76     | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunong วังเมืองชัย 323-4-0022

Remark :  
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Technical Management



Scientist (A)  
วังเมืองชัย 323-4-0028

Senior Manager  
วังเมืองชัย 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257637  
Date Received : Feb 03, 2025  
Date Reported : Feb 10, 2025  
Report Number : 3221158-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

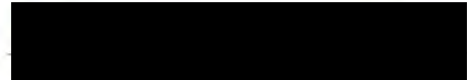
Sample Number : 257637-1  
Sampled Date : Feb 03, 2025 3:15 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_007\_2558 Plot : D-12/1A Site : THAI ESCORP LTD.  
Date Analysis Commenced : Feb 03, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 28.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunong วังเมืองชัย 323-4-0022

Remark :  
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Technical Management



Scientist (A)  
วังเมืองชัย 323-4-0028

Senior Manager  
วังเมืองชัย 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257722  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221355-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 257722-1  
Sampled Date : Feb 10, 2025 2:30 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2559 Plot : D-9 Site : Thai Huawee Battery Co.,Ltd.  
Date Analysis Commenced : Feb 10, 2025  
Condition of Sample : Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)  
Physical Property : Yellow, some odour, solid and no turbid

| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>                             |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| COD  | mg/L | 1.5 | 25        | <25    | ≤750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                     | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -    | -   | -         | 7.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Dissolved Solids Dried at 180 degree C     | mg/L | -   | 5         | 112    | ≤3000                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | -   | 5         | <5     | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Anonwong Wongachai วังเมืองชัย 323-4-0040, Samart Khumplee วังเมืองชัย 323-4-0084

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Technical Management



Scientist (A)  
วังเมืองชัย 323-4-0028

Senior Manager  
วังเมืองชัย 323-4-0001

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## Analysis / Test Report

TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 257722  
Date Received : Feb 10, 2025  
Date Reported : Feb 18, 2025  
Report Number : 3221355-2

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

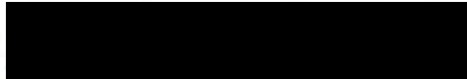
Sample Number : 257722-1  
Sampled Date : Feb 10, 2025 2:30 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2559 Plot : D-9 Site : Thai Huawee Battery Co.,Ltd.  
Date Analysis Commenced : Feb 11, 2025  
Condition of Sample : Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)  
Physical Property : Yellow, some odour, solid and no turbid

| Analyte               | Unit | LOD    | LOQ (LOR) | Result | Guideline / Specification | Method  | Testing Location |
|-----------------------|------|--------|-----------|--------|---------------------------|---|------------------|
| <b>Metals Testing</b> |      |        |           |        |                           |   |                  |
| Lead                  | mg/L | 0.0003 | 0.0005    | 0.008  | ≤0.2                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Anonwong Wongachai วังเมืองชัย 323-4-0040, Samart Khumplee วังเมืองชัย 323-4-0084

Remark :  
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Technical Management



Scientist (A)  
วังเมืองชัย 323-4-0028

Senior Manager  
วังเมืองชัย 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257655  
Date Received : Feb 03, 2025  
Date Reported : Feb 10, 2025  
Report Number : 3221332-1

Page 1 of 1

Sample Number : 257655-1  
Sampled Date : Feb 03, 2025 2:35 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2552 Plot F-12 Site Thai Instant Products Co.,Ltd.  
Date Analysis Commenced : Feb 03, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 466    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunyong วณิชมนวณัฏ 323-4-0022

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
วณิชมนวณัฏ 323-4-0001

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3221332-1 (0042)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257704  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221955-1

Page 1 of 1

Sample Number : 257704-1  
Sampled Date : Feb 10, 2025 2:10 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_001\_2566 Plot Z-60,261,261B Site THAI OUTDO POWER TECHNOLOGY Co.,Ltd.  
Date Analysis Commenced : Feb 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Amornwath Wongporchua วณิชมนวณัฏ 323-4-0040

Remark :  
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Technical Management



Senior Manager  
วณิชมนวณัฏ 323-4-0001

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3221955-1 (0042)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257700  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221950-1

Page 1 of 1

Sample Number : 257700-1  
Sampled Date : Feb 10, 2025 11:30 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_011\_2560 Plot E-6 Site Thai Rung Union Car Public Co.,Ltd.  
Date Analysis Commenced : Feb 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 124    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Amornwath Wongporchua วณิชมนวณัฏ 323-4-0040

Remark :  
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Technical Management



Senior Manager  
วณิชมนวณัฏ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257686  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221935-1

Page 1 of 1

Sample Number : 257686-1  
Sampled Date : Feb 10, 2025 3:30 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_003\_2564 Plot Z-62 Site Thai Wp Co.,Ltd.  
Date Analysis Commenced : Feb 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 14.4   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Saravit Narapong วณิชมนวณัฏ 323-4-0011

Remark :  
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Technical Management



Senior Manager  
วณิชมนวณัฏ 323-4-0001

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3221935-1 (0042)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Lot ID: 257707  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221958-1

Page 1 of 1

| Sample Number                      | 257707-1   |      |           |        |   |  |                  |
|------------------------------------|--|------|-----------|--------|---|--|------------------|
| Sampled Date                       | Feb 10, 2025 1:45 PM   |      |           |        |   |  |                  |
| Sample Description                 | Wastewater   |      |           |        |   |  |                  |
| Contract ID                        | L_WHA  | Plot | Z.21      | Site   | TOOLS INTERNATIONAL (THAILAND) Co.,Ltd. |  |                  |
|                                    | CIE1_007_2566  |      |           |        |   |  |                  |
|                                    | Feb 10, 2025   |      |           |        |   |  |                  |
| Date Analysis Commenced            | Feb 10, 2025   |      |           |        |   |  |                  |
| Condition of Sample (APHA / USEPA) | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |   |  |                  |
| Physical Property                  | Yellow, a lot of odour, solid and some turbid  |      |           |        |   |  |                  |
| Analyte                            | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |
| <b>Water Testing</b>               |  |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C)        | mg/L   | -    | 2.0       | 32.8   | ≤500                                    | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |
| Oil & Grease                       | mg/L   | -    | 3         | <3     | ≤10                                     | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *                     | -  | -    | -         | 7.2    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Narapong วรณัฐวัฒน์ 3-323-a-0011

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Technical Management



Senior Manager  
วรณัฐวัฒน์ 3-323-a-0001

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3221958-1, 3221958-1



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Lot ID: 257715  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221970-1

Page 1 of 1

| Sample Number               | 257715-1  |      |                 |        |   |  |                  |
|-----------------------------|---|------|-----------------|--------|---|--|------------------|
| Sampled Date                | Feb 10, 2025 10:20 AM   |      |                 |        |   |  |                  |
| Sample Description          | Wastewater  |      |                 |        |   |  |                  |
| Contract ID                 | L_WHA   | Plot | Z.4, Z.4A, Z.4C | Site   | Top Link Industrial (Thailand) Co.,Ltd. |  |                  |
|                             | CIE1_006_2567   |      |                 |        |   |  |                  |
|                             | Feb 10, 2025  |      |                 |        |   |  |                  |
| Date Analysis Commenced     | Feb 10, 2025  |      |                 |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |                 |        |   |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |                 |        |   |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR)       | Result | Guideline / Specification               | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |                 |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0             | 31.5   | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3               | 5      | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -   | -    | -               | 8.0    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Narapong วรณัฐวัฒน์ 3-323-a-0011

Remark :  
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Technical Management



Senior Manager  
วรณัฐวัฒน์ 3-323-a-0001

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3221970-1, 3221970-1



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Lot ID: 257673  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221352-1

Page 1 of 1

| Sample Number               | 257673-1  |      |           |        |   |  |                  |
|-----------------------------|---|------|-----------|--------|---|--|------------------|
| Sampled Date                | Feb 10, 2025 3:05 PM  |      |           |        |   |  |                  |
| Sample Description          | Wastewater  |      |           |        |   |  |                  |
| Contract ID                 | L_WHA   | Plot | Z.6/31    | Site   | Top Link Industrial (Thailand) Co.,Ltd. |  |                  |
|                             | CIE1_005_2562   |      |           |        |   |  |                  |
| Date Analysis Commenced     | Feb 10, 2025  |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and turbid  |      |           |        |   |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 96.4   | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 8      | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -   | -    | -         | 8.0    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Narapong วรณัฐวัฒน์ 3-323-a-0011

Remark :  
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Technical Management



Senior Manager  
วรณัฐวัฒน์ 3-323-a-0001

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3221352-1, 3221352-1



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Lot ID: 257695  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221945-1

Page 1 of 1

| Sample Number               | 257695-1  |      |           |        |   |  |                  |
|-----------------------------|---|------|-----------|--------|---|--|------------------|
| Sampled Date                | Feb 10, 2025 3:00 PM  |      |           |        |   |  |                  |
| Sample Description          | Wastewater  |      |           |        |   |  |                  |
| Contract ID                 | L_WHA   | Plot | Z-61      | Site   | Top Link Industrial (Thailand) Co.,Ltd. |  |                  |
|                             | CIE1_003_2565   |      |           |        |   |  |                  |
|                             | Feb 10, 2025  |      |           |        |   |  |                  |
| Date Analysis Commenced     | Feb 10, 2025  |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and turbid  |      |           |        |   |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 55.5   | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.7    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Narapong วรณัฐวัฒน์ 3-323-a-0011

Remark :  
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Technical Management



Senior Manager  
วรณัฐวัฒน์ 3-323-a-0001

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3221945-1, 3221945-1





## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257681  
Date Received : Feb 07, 2025  
Date Reported : Feb 14, 2025  
Report Number : 3221930-1

Page 1 of 1

| Sample Number               | 257681-1   |      |           |        |                                  |  |                  |  |  |
|-----------------------------|--|------|-----------|--------|----------------------------------|--|------------------|--|--|
| Sampled Date                | Feb 07, 2025 11:30 AM  |      |           |        |                                  |  |                  |  |  |
| Sample Description          | Wastewater   |      |           |        |                                  |  |                  |  |  |
| Contract ID                 | L_WHA  | Plot | B-9       | Site   | Toyoda Seiko (Thailand) Co.,Ltd. |  |                  |  |  |
|                             | CIEI_012_2563  |      |           |        |                                  |  |                  |  |  |
| Date Analysis Commenced     | Feb 07, 2025   |      |           |        |                                  |  |                  |  |  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                                  |  |                  |  |  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, some solid and turbid  |      |           |        |                                  |  |                  |  |  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification        | Method   | Testing Location |  |  |
| <b>Water Testing</b>        |  |      |           |        |                                  |  |                  |  |  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 258    | ≤500                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |  |  |
| Oil & Grease                | mg/L   | -    | 3         | 10     | ≤10                              | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |  |  |
| pH (on site) *              | -  | -    | -         | 7.7    | 5.5-9.0                          | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |  |  |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Samson Khayakorn veftimauwari 3-323-a-0005

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management



Senior Manager  
เวตติมาวารี 3-323-a-0001

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0127-123 (THAI)

3221930-1, AL (L), 1 (L) 000000



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257678  
Date Received : Feb 10, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221373-1

Page 1 of 1

| Sample Number               | 257678-1   |      |           |        |                                      |  |                  |
|-----------------------------|--|------|-----------|--------|--------------------------------------|--|------------------|
| Sampled Date                | Feb 10, 2025 3:30 PM   |      |           |        |                                      |  |                  |
| Sample Description          | Wastewater   |      |           |        |                                      |  |                  |
| Contract ID                 | L_WHA  | Plot | Z-550     | Site   | Ultimate Springs (Thailand) Co.,Ltd. |  |                  |
|                             | CIEI_006_2563  |      |           |        |                                      |  |                  |
| Date Analysis Commenced     | Feb 10, 2025   |      |           |        |                                      |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                                      |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, solid and turbid   |      |           |        |                                      |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification            | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |                                      |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 86.5   | ≤500                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | 7      | ≤10                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.0    | 5.5-9.0                              | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Amornwath Wongporhu veftimauwari 3-323-a-0040

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
เวตติมาวารี 3-323-a-0001

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3221373-1, AL (L), 1 (L) 000000



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257653  
Date Received : Feb 03, 2025  
Date Reported : Feb 10, 2025  
Report Number : 3221330-1

Page 1 of 1

| Sample Number               | 257653-1   |      |           |        |   |  |                  |
|-----------------------------|--|------|-----------|--------|---|--|------------------|
| Sampled Date                | Feb 03, 2025 2:50 PM   |      |           |        |   |  |                  |
| Sample Description          | Wastewater   |      |           |        |   |  |                  |
| Contract ID                 | L_CIE_023_2550   | Plot | F-9       | Site   | Van Leeuwen Pipe and Tube (Thailand) Ltd. |  |                  |
| Date Analysis Commenced     | Feb 03, 2025   |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |   |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, solid and turbid   |      |           |        |   |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification                 | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 76.9   | ≤500                                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | 8      | ≤10                                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.6    | 5.5-9.0                                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunjong veftimauwari 3-323-a-0022

Remark :  
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Technical Management



Senior Manager  
เวตติมาวารี 3-323-a-0001

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3221330-1, AL (L), 1 (L) 000000



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 257699  
Date Received : Feb 07, 2025  
Date Reported : Feb 15, 2025  
Report Number : 3221949-1

Page 1 of 1

|                             |  |      |           |        |                           |  |
|-----------------------------|--|------|-----------|--------|---------------------------|--|
| Sample Number               | 257699-1   |      |           |        |                           |  |
| Sampled Date                | Feb 07, 2025 11:25 AM  |      |           |        |                           |  |
| Sample Description          | Wastewater   |      |           |        |                           |  |
| Contract ID                 | L_WHA  | Plot | B-10C     | Site   | V-SACHET Co.,Ltd.         |  |
| Date Analysis Commenced     | Feb 07, 2025   |      |           |        |                           |  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                           |  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, solid and turbid   |      |           |        |                           |  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   |
| Water Testing               |  |      |           |        |                           |  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 36.5   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G |
| Oil & Grease                | mg/L   | -    | 3         | 8      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  |
| pH (on site) *              | -  | -    | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Samson Khayakorn veftimauwari 3-323-a-0005

Remark :  
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Technical Management



Senior Manager  
เวตติมาวารี 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517798  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3243191-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2517798-1   |      |           |        |   |  |                  |  |  |  |
|-----------------------------|---|------|-----------|--------|---|--|------------------|--|--|--|
| Sampled Date                | Mar 13, 2025 11:25 AM   |      |           |        |   |  |                  |  |  |  |
| Sample Description          | Wastewater  |      |           |        |   |  |                  |  |  |  |
| Contract ID                 | L_WHA   | Plot | Z-55G     | Site   | AGRI SYRUP INDUSTRY (THAILAND) Co.,Ltd. |  |                  |  |  |  |
|                             | CIE1_007_2564   |      |           |        |   |  |                  |  |  |  |
|                             | Mar 13, 2025  |      |           |        |   |  |                  |  |  |  |
| Date Analysis Commenced     | Mar 13, 2025  |      |           |        |   |  |                  |  |  |  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |                  |  |  |  |
| Physical Property           | Yellow, some odour, solid and no turbid   |      |           |        |   |  |                  |  |  |  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |  |  |  |
| <b>Water Testing</b>        |   |      |           |        |   |  |                  |  |  |  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 5.2    | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |  |  |  |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B                  | Rayong           |  |  |  |
| pH (on site) *              | -   | -    | -         | 7.6    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |  |  |  |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sophanart Sakulattanasakul vcmfsmawrñ 3-323-a-0021

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
vcmfsmawrñ 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517799  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3243193-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2517799-1   |      |           |        |   |  |                  |
|-----------------------------|---|------|-----------|--------|---|--|------------------|
| Sampled Date                | Mar 13, 2025 11:27 AM   |      |           |        |   |  |                  |
| Sample Description          | Wastewater  |      |           |        |   |  |                  |
| Contract ID                 | L_WHA   | Plot | Z-55H     | Site   | AGRI SYRUP INDUSTRY (THAILAND) Co.,Ltd. |  |                  |
|                             | CIE1_008_2564   |      |           |        |   |  |                  |
| Date Analysis Commenced     | Mar 13, 2025  |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |   |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 82.9   | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 4      | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.3    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sophanart Sakulattanasakul vcmfsmawrñ 3-323-a-0021

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
vcmfsmawrñ 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517806  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3243201-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Page 1 of 1                 |   |      |           |        |  |  |                  |
|-----------------------------|---|------|-----------|--------|--|--|------------------|
| Sample Number               | 2517806-1   |      |           |        |  |  |                  |
| Sampled Date                | Mar 11, 2025 10:35 AM   |      |           |        |  |  |                  |
| Sample Description          | Wastewater  |      |           |        |  |  |                  |
| Contract ID                 | L_WHA   | Plot | Z-59H     | Site   | AIR INTERNATIONAL THERMAL SYSTEMS ( THAILAND ) LIMITED |  |                  |
|                             | CIE1_004_2565   |      |           |        |  |  |                  |
| Date Analysis Commenced     | Mar 11, 2025  |      |           |        |  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |  |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |  |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification                              | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 101    | ≤500   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 4      | ≤10  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.9    | 5.5-9.0  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Phonthep Siththohk vcmfsmawrñ 3-323-a-0023

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
vcmfsmawrñ 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517807  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3243202-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Page 1 of 3                 |   |      |           |        |  |  |                  |
|-----------------------------|---|------|-----------|--------|--|--|------------------|
| Sample Number               | 2517807-1   |      |           |        |  |  |                  |
| Sampled Date                | Mar 11, 2025 10:40 AM   |      |           |        |  |  |                  |
| Sample Description          | Wastewater  |      |           |        |  |  |                  |
| Contract ID                 | L_WHA   | Plot | Z-59C     | Site   | AIR INTERNATIONAL THERMAL SYSTEMS ( THAILAND ) LIMITED |  |                  |
|                             | CIE1_005_2565   |      |           |        |  |  |                  |
| Date Analysis Commenced     | Mar 11, 2025  |      |           |        |  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |  |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |  |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification                              | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 93.2   | ≤500   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 8.1    | 5.5-9.0  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Phonthep Siththohk vcmfsmawrñ 3-323-a-0023

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
vcmfsmawrñ 3-323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517808  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3243205-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2517808-1  
Sampled Date Mar 11, 2025 10:43 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_007\_2560 Plot Z-590 Site AIR INTERNATIONAL THERMAL SYSTEMS ( THAILAND ) LIMITED  
Date Analysis Commenced Mar 11, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 90.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Phongthep Sitthakorn วังวัฒณารักษ์ > 323-a-0023

Remark :  
- LOD : Limit of Detection  
- \*C\* : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วังวัฒณารักษ์ > 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517737  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3242851-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2517737-1  
Sampled Date Mar 10, 2025 11:08 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_003\_2557 Plot B-108 Site Arisac (Thailand) Co.,Ltd.  
Date Analysis Commenced Mar 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 65.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Narurat thammassaro วังวัฒณารักษ์ > 323-a-0052

Remark :  
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- \*C\* : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วังวัฒณารักษ์ > 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517755  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3242875-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2517755-1  
Sampled Date Mar 10, 2025 10:19 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_009\_2558 Plot A-08C Site Asahi Diamond (Thailand) Co.,Ltd.  
Date Analysis Commenced Mar 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 261    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 0      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Narurat thammassaro วังวัฒณารักษ์ > 323-a-0052

Remark :  
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Technical Management



Senior Manager  
วังวัฒณารักษ์ > 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517817  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3243223-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2517817-1  
Sampled Date Mar 10, 2025 10:53 AM  
Sample Description Wastewater  
Contract ID L\_WHA\_CIE\_L006\_2566 Plot B11-B Site ASMECH TECHNOLOGY (THAILAND) COMPANY LIMITED  
Date Analysis Commenced Mar 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 47.7   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Narurat thammassaro วังวัฒณารักษ์ > 323-a-0052

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Technical Management



Senior Manager  
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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
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Thailand 20230

Lot ID: 2517849  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3243166-2

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number           | 2517849-1  |      |           |             |                                 |               |                  |
|-------------------------|--|------|-----------|-------------|---------------------------------|---------------|------------------|
| Sampled Date            | Mar 13, 2025 10:07 AM  |      |           |             |                                 |               |                  |
| Sample Description      | Wastewater   |      |           |             |                                 |               |                  |
| Contract ID             | L_CIE_002_2559   | Plot | A         | Site        | B. Grimm Power (WHA) 1 Limited. |               |                  |
| Location                | Office   |      |           |             |                                 |               |                  |
| Date Analysis Commenced | Mar 13, 2025   |      |           |             |                                 |               |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |             |                                 |               |                  |
| Physical Property       | Yellow, a lot of odour, some solid and turbid  |      |           |             |                                 |               |                  |
| Analyte                 | Unit   | LOD  | LOQ (LOR) | Result      | Guideline / Specification       | Method        | Testing Location |
| <b>Water Testing</b>    |  |      |           |             |                                 |               |                  |
| Flow rate               | m <sup>3</sup> /s  | -    | -         | No Velocity | No Standard                     | Flow meter    | Rayong           |
| Odour                   | -  | -    | -         | Odour       | No Standard                     | TIS, 257-2549 | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasuk

Remark :  
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Scientist (4)

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2517850  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3243166-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 2

| Sample Number               | 2517850-1  |      |           |        |                                 |  |                  |
|-----------------------------|--|------|-----------|--------|---------------------------------|--|------------------|
| Sampled Date                | Mar 13, 2025 10:06 AM  |      |           |        |                                 |  |                  |
| Sample Description          | Wastewater   |      |           |        |                                 |  |                  |
| Contract ID                 | L_CIE_003_2559   | Plot | A         | Site   | B. Grimm Power (WHA) 1 Limited. |  |                  |
| Location                    | Process  |      |           |        |                                 |  |                  |
| Date Analysis Commenced     | Mar 13, 2025   |      |           |        |                                 |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                 |  |                  |
| Physical Property           | Green, some odour, solid and turbid  |      |           |        |                                 |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification       | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |                                 |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 5.7    | ≤500                            | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| COO                         | mg/L   | 1.5  | 25        | 52     | ≤750                            | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Color (at Original pH)      | ADMU   | -    | 5         | 7      | ≤600                            | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2120 F                  | Rayong           |
| Color (at pH 7.0)           | ADMU   | -    | 5         | 6      | ≤600                            | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2120 F                  | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | <3     | ≤10                             | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 6.8    | 5.5-9.0                         | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Residual Free Chlorine *    | mg/L   | -    | 0.1       | <0.1   | ≤1                              | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - G (F)            | Rayong           |
| Temperature *               | Degree C   | -    | -         | 30.6   | ≤45                             | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2550 B                  | Rayong           |

Technical Management

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2517850  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3243166-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 2 of 2

| Sample Number                                    | 2517850-1  |      |           |        |                                 |  |                  |
|--|--|------|-----------|--------|---------------------------------|--|------------------|
| Sampled Date                                     | Mar 13, 2025 10:06 AM  |      |           |        |                                 |  |                  |
| Sample Description                               | Wastewater   |      |           |        |                                 |  |                  |
| Contract ID                                      | L_CIE_003_2559   | Plot | A         | Site   | B. Grimm Power (WHA) 1 Limited. |  |                  |
| Location   | Process  |      |           |        |                                 |  |                  |
| Date Analysis Commenced                          | Mar 13, 2025   |      |           |        |                                 |  |                  |
| Condition of Sample                              | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                 |  |                  |
| Physical Property                                | Green, some odour, solid and turbid  |      |           |        |                                 |  |                  |
| Analyte  | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification       | Method   | Testing Location |
| <b>Water Testing</b>                             |  |      |           |        |                                 |  |                  |
| Total Dissolved Solids Dried at 180 degree C     | mg/L   | -    | 5         | 1472   | ≤3000                           | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 - C                    | Rayong           |
| Total Kjeldahl Nitrogen as N                     | mg/L   | -    | 1.0       | 2.0    | ≤100                            | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NHR (D) | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L   | -    | 5         | 15     | ≤200                            | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 - D                    | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasuk

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Technical Management

Scientist (4)  
ผู้ตรวจสอบ 4

Senior Manager  
ผู้จัดการอาวุโส

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2517850  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3243166-2

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number           | 2517850-1  |      |           |           |                                 |               |                  |
|-------------------------|--|------|-----------|-----------|---------------------------------|---------------|------------------|
| Sampled Date            | Mar 13, 2025 10:06 AM  |      |           |           |                                 |               |                  |
| Sample Description      | Wastewater   |      |           |           |                                 |               |                  |
| Contract ID             | L_CIE_003_2559   | Plot | A         | Site      | B. Grimm Power (WHA) 1 Limited. |               |                  |
| Location                | Process  |      |           |           |                                 |               |                  |
| Date Analysis Commenced | Mar 13, 2025   |      |           |           |                                 |               |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |           |                                 |               |                  |
| Physical Property       | Green, some odour, solid and turbid  |      |           |           |                                 |               |                  |
| Analyte                 | Unit   | LOD  | LOQ (LOR) | Result    | Guideline / Specification       | Method        | Testing Location |
| <b>Water Testing</b>    |  |      |           |           |                                 |               |                  |
| Flow rate               | m <sup>3</sup> /s  | -    | -         | 0.011     | No Standard                     | Flow meter    | Rayong           |
| Odour                   | -  | -    | -         | Odourless | No Standard                     | TIS, 257-2549 | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasuk

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517730  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3242834-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517730-1  
Sampled Date : Mar 10, 2025 9:20 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_002\_2550 Plot B.I.G Site B.I.G. Co.,Ltd.  
Date Analysis Commenced : Mar 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 160    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 3      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |      | -   | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Narurat thammassaro วสุธรรมสาร > 323-4-0052

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วสุธรรมสาร > 323-4-0031

Senior Manager  
วสุธรรมสาร > 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517842  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3243155-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517842-1  
Sampled Date : Mar 11, 2025 2:15 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_002\_2555 Plot Z-68 Site BHN (THAILAND) Co.,Ltd.  
Date Analysis Commenced : Mar 11, 2025  
Condition of Sample : Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing                                    |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| COD  | mg/L | 1.5 | 25        | <25    | ≤750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                     | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   |      | -   | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | -   | 5         | 25     | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Phongthep Sethkhoh วสุธรรมสาร > 323-4-0023

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วสุธรรมสาร > 323-4-0028

Senior Manager  
วสุธรรมสาร > 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517821  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3243229-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517821-1  
Sampled Date : Mar 11, 2025 9:39 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_001\_2567 Plot K.9,K.10,K.11,K.12 Site BNSS STEEL GROUP COMPANY LIMITED  
Date Analysis Commenced : Mar 11, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 60.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 0      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |      | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Phongthep Sethkhoh วสุธรรมสาร > 323-4-0023

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Technical Management



Senior Manager  
วสุธรรมสาร > 323-4-0028

Senior Manager  
วสุธรรมสาร > 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517833  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3243168-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517833-1  
Sampled Date : Mar 11, 2025 10:04 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_003\_2550 Plot B-5 Site Boncafe (Thailand) Ltd.  
Date Analysis Commenced : Mar 11, 2025  
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

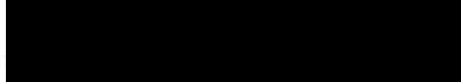
| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing                                    |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L | -   | 2.0       | 68.7   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                                     | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   |      | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | -   | 5         | 16     | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Phongthep Sethkhoh วสุธรรมสาร > 323-4-0023

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Technical Management



Senior Manager  
วสุธรรมสาร > 323-4-0028

Senior Manager  
วสุธรรมสาร > 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517741  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3242860-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517741-1  
Sampled Date : Mar 11, 2025 9:55 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_009\_2557 Plot : B-04 Site : Castool Tooling systems  
Date Analysis Commenced : Mar 11, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 29.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Phongthep Sathakorn veumnuanvith v-323-a-0023

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517801  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3243195-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517801-1  
Sampled Date : Mar 11, 2025 11:20 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_010\_2564 Plot : Z-34-Z-38 Site : Coleraise (Thailand) Co.,Ltd.  
Date Analysis Commenced : Mar 11, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 6.3    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Phongthep Sathakorn veumnuanvith v-323-a-0023

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517786  
Date Received : Mar 06, 2025  
Date Reported : Mar 13, 2025  
Report Number : 3243179-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517786-1  
Sampled Date : Mar 06, 2025 2:40 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_001\_2563 Plot : D.13/1,D.13/3(A) Site : Chonburi Clean Energy Co.,Ltd.  
Date Analysis Commenced : Mar 06, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunong veumnuanvith v-323-a-0022

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
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Thailand 20230

Lot ID: 2517773  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3242904-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517773-1  
Sampled Date : Mar 11, 2025 2:02 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_028\_2550 Plot : Z-48 Site : Coil Tech Steel (Thailand) Co.,Ltd.  
Date Analysis Commenced : Mar 11, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Phongthep Sathakorn veumnuanvith v-323-a-0023

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TESTING  
No.0042

**Lot ID: 2517747**  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3242867-1

Page 1 of 1

| Analyte                     | Unit | LOD | LOQ (LOB) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | —   | 2.0       | 156    | ≤500                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |
| Oil & Grease                | mg/L | —   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5330 B                  | Rayong           |
| pH (on site) *              | —    | —   | 7.6       | —      | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Remark :

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- " $c_m$ " : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Source: *Source: 1991 Census of India*

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TESTING  
No.0042

**Lot ID: 2517784**  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3242991-1

Page 1 of 1

| Analysis / Property         | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | —   | 2.0       | 246    | ≤500                      | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | —   | 3         | 6      | ≤10                       | Standard method for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                   | Rayong           |
| pH (on site) *              | —    | —   | —         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF,  | Rayong           |

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

\_\_\_\_\_

|                      |                      |
|----------------------|----------------------|
| Scientist (4)        | Senior Manager       |
| หมายเลข 7-323-4-0028 | หมายเลข 7-323-4-0001 |

ADDRESS 616/10 Moo 5, T. Maenam Khu A. Plaekdaeng Rayong 21140 Thailand | PHONE +66 0 3804 8555 | FAX +66 0 3304 8556

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TESTING  
No.0042

**Lot ID: 2517782**  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3242985-1

Page 1 of 1

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 84.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023                               | Rayong           |

Remark :

- LOD : Limit of Detection
- <LQ : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025
- Sample(s) not included in scope of accreditation ISO/IEC 17025

[REDACTED]

เลขที่ใบรายงานผล: ว-323-4-0028
 เลขที่ใบรายงานผล: ว-323-4-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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K117-123 SNAG

2019/06/05 14:28:48



TESTING  
No.0042

**Lot ID: 2517731**  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3242835-1

Page 1 of 1

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 57.1   | <500                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 1         | <1     | <10                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Remark :

- LOD : Limit of Detection
- <L : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

|   |  |
|---|--|
| สคริปต์ (3)<br>ทะเบียนเลขที่ 7-323-4-0031 | Senior Manager<br>ทะเบียนเลขที่ 7-323-4-0001 |
|---|--|

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**Abstract**





## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2517795  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3243188-1

Page 1 of 1

| Sample Number               | 2517795-1   |      |           |        |                           |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | Mar 10, 2025 2:55 PM  |      |           |        |                           |  |                  |
| Sample Description          | Wastewater  |      |           |        |                           |  |                  |
| Contract ID                 | L_WHA   | Plot | B6-A      | Site   | ENRX Limited              |  |                  |
|                             | CIE1_002_2564   |      |           |        |                           |  |                  |
| Date Analysis Commenced     | Mar 10, 2025  |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 83.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Narusut thammassara veetimsuwanee v-323-a-0052

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
veetimsuwanee v-323-a-0031

Senior Manager  
veetimsuwanee v-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2517732  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3242837-1

Page 1 of 1

| Sample Number               | 2517732-1   |      |           |        |                              |  |                  |
|-----------------------------|---|------|-----------|--------|------------------------------|--|------------------|
| Sampled Date                | Mar 10, 2025 9:47 AM  |      |           |        |                              |  |                  |
| Sample Description          | Wastewater  |      |           |        |                              |  |                  |
| Contract ID                 | L_CIE_001_2557  | Plot | A-2       | Site   | Fetol Manufacturing Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Mar 10, 2025  |      |           |        |                              |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                              |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |                              |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification    | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                              |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 1088   | ≤500                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 44     | ≤10                          | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.3    | 5.5-9.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Narusut thammassara veetimsuwanee v-323-a-0052

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
veetimsuwanee v-323-a-0031

Senior Manager  
veetimsuwanee v-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2517780  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3242976-1

Page 1 of 1

| Sample Number               | 2517780-1   |      |           |        |                                       |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------------------|--|------------------|
| Sampled Date                | Mar 11, 2025 11:03 AM   |      |           |        |                                       |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                       |  |                  |
| Contract ID                 | L_WHA   | Plot | Z-59F     | Site   | FES International (Thailand) Co.,Ltd. |  |                  |
|                             | CIE1_002_2562   |      |           |        |                                       |  |                  |
| Date Analysis Commenced     | Mar 11, 2025  |      |           |        |                                       |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                       |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |                                       |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification             | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                                       |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | —    | 2.0       | 103    | ≤500                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | —    | 3         | 0      | ≤10                                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | —   | —    | —         | 7.8    | 5.5-9.0                               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Phongthep Siththoh veetimsuwanee v-323-a-0023

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
veetimsuwanee v-323-a-0028

Senior Manager  
veetimsuwanee v-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2517804  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3243198-1

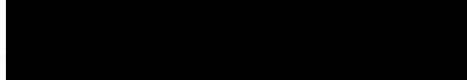
Page 1 of 1

| Sample Number               | 2517804-1   |      |           |        |                            |  |                  |
|-----------------------------|---|------|-----------|--------|----------------------------|--|------------------|
| Sampled Date                | Mar 11, 2025 10:55 AM   |      |           |        |                            |  |                  |
| Sample Description          | Wastewater  |      |           |        |                            |  |                  |
| Contract ID                 | L_WHA   | Plot | Z-59G     | Site   | FES International Co.,Ltd. |  |                  |
|                             | CIE1_002_2565   |      |           |        |                            |  |                  |
| Date Analysis Commenced     | Mar 11, 2025  |      |           |        |                            |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                            |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |                            |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification  | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                            |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 96.4   | ≤500                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.6    | 5.5-9.0                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Phongthep Siththoh veetimsuwanee v-323-a-0023

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
veetimsuwanee v-323-a-0028

Senior Manager  
veetimsuwanee v-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517790  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3243183-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2517790-1   |      |           |        |                                  |  |                  |
|-----------------------------|---|------|-----------|--------|----------------------------------|--|------------------|
| Sampled Date                | Mar 11, 2025 10:20 AM   |      |           |        |                                  |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                  |  |                  |
| Contract ID                 | L_WHA<br>CIE1_011_2563  | Plot | B-7       | Site   | Glory Winner (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Mar 11, 2025  |      |           |        |                                  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                  |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |                                  |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification        | Method   | Testing Location |
| Water Testing               |   |      |           |        |                                  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | —    | 2.0       | 57.0   | ≤500                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L  | —    | 3         | <3     | ≤10                              | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B                  | Rayong           |
| pH (on site) *              | —   | —    | —         | 7.7    | 5.5-9.0                          | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Phongthep Sathakorn wongmanee 3-323-a-0021

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วณิชมนพร 3-323-a-0028

Senior Manager  
วณิชมนพร 3-323-a-0001

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0127-123 (THAILAND)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517748  
Date Received : Mar 06, 2025  
Date Reported : Mar 13, 2025  
Report Number : 3242868-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2517748-1   |      |           |        |                           |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | Mar 06, 2025 9:40 AM  |      |           |        |                           |  |                  |
| Sample Description          | Wastewater  |      |           |        |                           |  |                  |
| Contract ID                 | L_CIE_009_2550  | Plot | M-1       | Site   | Glow IPP Co.,Ltd.         |  |                  |
| Location                    | Office  |      |           |        |                           |  |                  |
| Date Analysis Commenced     | Mar 06, 2025  |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |                  |
| Physical Property           | Yellow, some odour, solid and turbid  |      |           |        |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Water Testing               |   |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Ekachai Tuntong wongmanee 3-323-a-0022

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วณิชมนพร 3-323-a-0028

Senior Manager  
วณิชมนพร 3-323-a-0001

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0127-123 (THAILAND)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517789  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3243182-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2517789-1   |      |           |        |                           |  |
|-----------------------------|---|------|-----------|--------|---------------------------|--|
| Sampled Date                | Mar 11, 2025 9:29 AM  |      |           |        |                           |  |
| Sample Description          | Wastewater  |      |           |        |                           |  |
| Contract ID                 | L_WHA   | Plot | BC        | Site   | Hardware King Co.,Ltd.    |  |
|                             | CIE1_010_2563   |      |           |        |                           |  |
| Date Analysis Commenced     | Mar 11, 2025  |      |           |        |                           |  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |
| Physical Property           | Yellow, some odour, solid and turbid  |      |           |        |                           |  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   |
| Water Testing               |   |      |           |        |                           |  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B                  |
| pH (on site) *              | -   | -    | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Phongthep Sathakorn wongmanee 3-323-a-0023

Remark :

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วณิชมนพร 3-323-a-0028

Senior Manager  
วณิชมนพร 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517794  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3243187-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Page 1 of 1                 |   |      |           |        |                                |  |
|-----------------------------|---|------|-----------|--------|--------------------------------|--|
| Sample Number               | 2517794-1   |      |           |        |                                |  |
| Sampled Date                | Mar 10, 2025 11:24 AM   |      |           |        |                                |  |
| Sample Description          | Wastewater  |      |           |        |                                |  |
| Contract ID                 | L_WHA   | Plot | B-8       | Site   | HI-Plus Import-Export Co.,Ltd. |  |
|                             | CIE1_001_2564   |      |           |        |                                |  |
| Date Analysis Commenced     | Mar 10, 2025  |      |           |        |                                |  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                |  |
| Physical Property           | Yellow, some odour, solid and no turbid   |      |           |        |                                |  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification      | Method   |
| Water Testing               |   |      |           |        |                                |  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 19.0   | ≤500                           | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B                  |
| pH (on site) *              | -   | -    | -         | 7.2    | 5.5-9.0                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            |

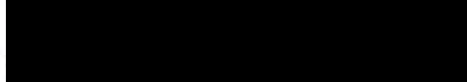
Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Narunot Thammawong wongmanee 3-323-a-0052

Remark :

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Technical Management



Senior Manager  
วณิชมนพร 3-323-a-0031

Senior Manager  
วณิชมนพร 3-323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517846  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3243159-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number                                | 2517846-1  |      |           |        |  |  |                  |
|--|--|------|-----------|--------|--|--|------------------|
| Sampled Date                                 | Mar 13, 2025 10:30 AM  |      |           |        |  |  |                  |
| Sample Description                           | Wastewater   |      |           |        |  |  |                  |
| Contract ID                                  | L_CIE_011_2550   | Plot | B-1       | Site   | Honey Well Electronic Materials (Thailand) Co., Ltd. |  |                  |
| Date Analysis Commenced                      | Mar 13, 2025   |      |           |        |  |  |                  |
| Condition of Sample                          | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |  |  |                  |
| Physical Property                            | Colorless, some odour, solid and no turbid   |      |           |        |  |  |                  |
| Analyte                                      | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification                            | Method   | Testing Location |
| Water Testing                                |  |      |           |        |  |  |                  |
| BOD (5 days at 20 Degree C)                  | mg/L   | —    | 2.0       | 10.1   | ≤500   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                                 | mg/L   | —    | 3         | <3     | ≤10  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                               |  | —    | —         | 7.2    | 5.5-9.0  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L   | —    | 5         | 1752   | ≤3000  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulkitmanasak รหัสประจำตัวพนักงาน 323-4-0021, Pattaraporn Sawangjiam รหัสประจำตัวพนักงาน 324-4-0002

Remark :  
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Technical Management



Scientist (A)  
รหัสประจำตัวพนักงาน 323-4-0028

Senior Manager  
รหัสประจำตัวพนักงาน 323-4-0001

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## Analysis / Test Report

TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517846  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3243159-2

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number           | 2517846-1  |        |           |        |  |   |                  |
|-------------------------|--|--------|-----------|--------|--|---|------------------|
| Sampled Date            | Mar 13, 2025 10:30 AM  |        |           |        |  |   |                  |
| Sample Description      | Wastewater   |        |           |        |  |   |                  |
| Contract ID             | L_CIE_011_2550   | Plot   | B-1       | Site   | Honey Well Electronic Materials (Thailand) Co., Ltd. |   |                  |
| Date Analysis Commenced | Mar 14, 2025   |        |           |        |  |   |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |        |  |   |                  |
| Physical Property       | Colorless, some odour, solid and no turbid   |        |           |        |  |   |                  |
| Analyte                 | Unit   | LOD    | LOQ (LOR) | Result | Guideline / Specification                            | Method  | Testing Location |
| Metals Testing          |  |        |           |        |  |   |                  |
| Nickel                  | mg/L   | 0.0003 | 0.0005    | 0.16   | ≤1.0   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulkitmanasak รหัสประจำตัวพนักงาน 323-4-0021, Pattaraporn Sawangjiam รหัสประจำตัวพนักงาน 324-4-0002

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (A)  
รหัสประจำตัวพนักงาน 324-4-0002

Senior Manager  
รหัสประจำตัวพนักงาน 324-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517792  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3243185-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

|                             |   |      |           |        |                              |  |                  |
|-----------------------------|---|------|-----------|--------|------------------------------|--|------------------|
| Sample Number               | 2517792-1   |      |           |        |                              |  |                  |
| Sampled Date                | Mar 11, 2025 3:05 PM  |      |           |        |                              |  |                  |
| Sample Description          | Wastewater  |      |           |        |                              |  |                  |
| Contract ID                 | L_WHA<br>CIE1_016_2563  | Plot | Z-63      | Site   | Imanaka (Thailand) Co., Ltd. |  |                  |
| Date Analysis Commenced     | Mar 11, 2025  |      |           |        |                              |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                              |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                              |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification    | Method   | Testing Location |
| Water Testing               |   |      |           |        |                              |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 107    | ≤500                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                          | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.5    | 5.5-9.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Phongthep Seththakul รหัสประจำตัวพนักงาน 323-4-0023

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (A)  
รหัสประจำตัวพนักงาน 323-4-0028

Senior Manager  
รหัสประจำตัวพนักงาน 323-4-0001

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0327-1237 (THAILAND)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517735  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3242849-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

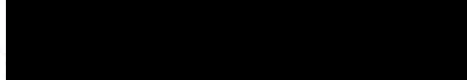
| Sample Number               | 2517735-1   |      |           |        |                           |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | Mar 10, 2025 10:10 AM   |      |           |        |                           |  |                  |
| Sample Description          | Wastewater  |      |           |        |                           |  |                  |
| Contract ID                 | L_CIE_012_2550  | Plot | A-7       | Site   | In-Season Foods Ltd.      |  |                  |
| Date Analysis Commenced     | Mar 10, 2025  |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Water Testing               |   |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 214    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/l  | -    | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |   | -    | -         | 7.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Narunat Thammassaro รหัสประจำตัวพนักงาน 323-4-0052

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.  
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (A)  
รหัสประจำตัวพนักงาน 323-4-0001

Senior Manager  
รหัสประจำตัวพนักงาน 323-4-0001

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0327-1237 (THAILAND)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517841  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3243154-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517841-1  
Sampled Date : Mar 10, 2025 1:45 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_002\_2558 Plot M-2 Site Insee Ecocycle Co.,Ltd.  
Date Analysis Commenced : Mar 10, 2025  
Condition of Sample : Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>                             |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L | -   | 2.0       | 57.4   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| COD  | mg/L | 1.5 | 25        | 108    | ≤750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B                  | Rayong           |
| Oil & Grease                                     | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | -   | 5         | 15     | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Narurat thammassaro วุฒิสมาชิก >323-0-0052

Remarks :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วุฒิสมาชิก >323-0-0031

Senior Manager  
วุฒิสมาชิก >323-0-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517832  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3242895-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517832-1  
Sampled Date : Mar 11, 2025 1:34 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_002\_2561 Plot Z-18 Site KIMSONG ARTIWOOD Co.,Ltd.  
Date Analysis Commenced : Mar 11, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|------|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -    | 2.0       | 156    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Formaldehyde                | mg/L | 0.03 | 0.1       | 0.1    | ≤1                        | Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004                                 | Rayong           |
| Oil & Grease                | mg/L | -    | 3         | 3      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -    | -         | 6.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Phonthep Sathikh วุฒิสมาชิก >323-0-0023

Remarks :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วุฒิสมาชิก >323-0-0028

Senior Manager  
วุฒิสมาชิก >323-0-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517775  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3242907-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517775-1  
Sampled Date : Mar 11, 2025 10:30 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_016\_2557 Plot Z-59A Site Kintetsu Logistics (Thailand) Co.,Ltd.  
Date Analysis Commenced : Mar 11, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 47.1   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 6      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Phonthep Sathikh วุฒิสมาชิก >323-0-0023

Remarks :  
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Technical Management



Senior Manager  
วุฒิสมาชิก >323-0-0028

Senior Manager  
วุฒิสมาชิก >323-0-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517738  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3242852-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517738-1  
Sampled Date : Mar 10, 2025 10:58 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2556 Plot B-11C Site Kuriyama (Thailand) Co.,Ltd.  
Date Analysis Commenced : Mar 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and a lot of turbid

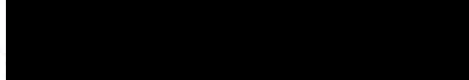
| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 83.8   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 8      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Narurat thammassaro วุฒิสมาชิก >323-0-0052

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Technical Management



Senior Manager  
วุฒิสมาชิก >323-0-0031

Senior Manager  
วุฒิสมาชิก >323-0-0001

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TESTING  
No.0042

**Lot ID: 2517844**  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3243156-1

Page 1 of 1

| Sample Number           | 2517944-1  |        |           |        |                            |  |                  |
|-------------------------|--|--------|-----------|--------|----------------------------|--|------------------|
| Sampled Date            | Mar 13, 2025 1:55 PM   |        |           |        |                            |  |                  |
| Sample Description      | Wastewater   |        |           |        |                            |  |                  |
| Contract ID             | L_QE_020_2550  | Plot   | Z-3       | Site   | Kyodon (Thailand) Co.,Ltd. |  |                  |
| Location                | Factory 1  |        |           |        |                            |  |                  |
| Date Analysis Commenced | Mar 14, 2025   |        |           |        |                            |  |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |        |                            |  |                  |
| Physical Property       | Yellow, some odor, solid and turbid  |        |           |        |                            |  |                  |
| Analyte                 | Unit   | LOD    | LOQ (LOQ) | Result | Guideline / Specification  | Method   | Testing Location |
| <b>Metals Testing</b>   |  |        |           |        |                            |  |                  |
| Copper                  | mg/L   | 0.0003 | 0.0005    | 0.52   | ≤2.0                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |
| Nickel                  | mg/L   | 0.0003 | 0.0005    | 0.002  | ≤1.0                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |

**Guideline:** Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
**Sampling by:** Suphanot Sakulthanasak เลขที่ใบอนุญาตฯ 3-23-A-0021 , Pattarapol Sawangratam เลขที่ใบอนุญาตฯ 7-24-A-0002

Remark :

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- \*c\* : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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### Technical Management

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โทรสารหมายเลข 2-323-4

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Subgroups: *Protein\_A2\_C4\_08 (10/5/04)*



TESTING  
No.0042

**Lot ID: 2517845**  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3243157-1

Page 1 of 1

Page 3 of 4

| Sample Number           | 2517945-1  |        |           |        |                              |  |                  |
|-------------------------|--|--------|-----------|--------|------------------------------|--|------------------|
| Sampled Date            | Mar 13, 2025 2:19 PM   |        |           |        |                              |  |                  |
| Sample Description      | Wastewater   |        |           |        |                              |  |                  |
| Contract ID             | L_CIE_021_2550   | Plot   | Z-6       | Site   | Kyroden (Thailand) Co., Ltd. |  |                  |
| Location                | Factory 2  |        |           |        |                              |  |                  |
| Take Analysis Commenced | Mar 14, 2025   |        |           |        |                              |  |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |        |                              |  |                  |
| Physical Property       | Colorless, some odour, solid and no turbid   |        |           |        |                              |  |                  |
| Analyte                 | Unit   | LOD    | LOQ (LOR) | Result | Specification / Guideline    | Method   | Testing Location |
| <b>Metals Testing</b>   |  |        |           |        |                              |  |                  |
| Copper                  | mg/L   | 0.0003 | 0.0005    | 0.14   | ≤2.0                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F | Bangkok          |
| Nickel                  | mg/L   | 0.0003 | 0.0005    | 0.0007 | ≤1.0                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F | Bangkok          |

**Guideline:** Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
**Sampling By:** Suphanet Sakulkitthimasak โทรศัพท์ ๐-323-๔-0021, Pattarapol Sawangjairam โทรศัพท์ ๐-204-๔-0002

Remark :

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- $\%C^*$  : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

### Technical Management

Senior Manager  
 ๖๕๕๖๖๖๖๖ ๒-๓๓-๔

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517757  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3242877-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517757-1  
Sampled Date : Mar 10, 2025 3:00 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_013\_2557 Plot : B-68 Site : Kyowa SS (Thailand) Co.,Ltd.  
Date Analysis Commenced : Mar 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 66.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 3      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Narurat thammassaro วณิชมสารณ์ > 323-4-0052

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (J)  
วณิชมสารณ์ > 323-4-0031

Senior Manager  
วณิชมสารณ์ > 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517736  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3242850-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

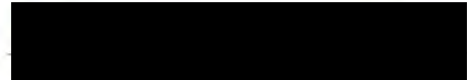
Sample Number : 2517736-1  
Sampled Date : Mar 13, 2025 3:00 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2554 Plot : A-5/1 Site : Laem Chabang Tank Services Co.,Ltd.  
Date Analysis Commenced : Mar 13, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 103    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 7      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulthammassak วณิชมสารณ์ > 323-4-0021

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (J)  
วณิชมสารณ์ > 323-4-0028

Senior Manager  
วณิชมสารณ์ > 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517825  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3243234-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517825-1  
Sampled Date : Mar 10, 2025 10:35 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_005\_2567 Plot : B.12C Site : HARU Global Co.,Ltd.  
Date Analysis Commenced : Mar 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 169    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 9      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Narurat thammassaro วณิชมสารณ์ > 323-4-0052

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (J)  
วณิชมสารณ์ > 323-4-0031

Senior Manager  
วณิชมสารณ์ > 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517779  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3242964-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

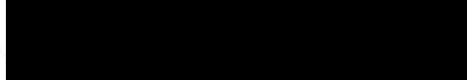
Sample Number : 2517779-1  
Sampled Date : Mar 10, 2025 10:42 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_001\_2562 Plot : B.12D Site : HARU Global Co.,Ltd.  
Date Analysis Commenced : Mar 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 64.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 10     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Narurat thammassaro วณิชมสารณ์ > 323-4-0052

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (J)  
วณิชมสารณ์ > 323-4-0031

Senior Manager  
วณิชมสารณ์ > 323-4-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2517812  
Date Received : Mar 06, 2025  
Date Reported : Mar 13, 2025  
Report Number : 3243215-1

Page 1 of 1

| Sample Number               | 2517812-1   |      |           |        |   |  |                  |
|-----------------------------|---|------|-----------|--------|---|--|------------------|
| Sampled Date                | Mar 06, 2025 1:40 PM  |      |           |        |   |  |                  |
| Sample Description          | Wastewater  |      |           |        |   |  |                  |
| Contract ID                 | L_WHA   | Plot | F-14      | Site   | MAX METAL INTERNATIONAL COMPANY LIMITED |  |                  |
|                             | CIE1_001_2566   |      |           |        |   |  |                  |
| Date Analysis Commenced     | Mar 06, 2025  |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |   |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |
| Water Testing               |   |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | —    | 2.0       | 61.7   | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | —    | 3         | 4      | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | —   | —    | —         | 7.2    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Fikichai Tunong วรณิณณวณร 3-323-a-0022

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Technical Management



Senior Manager  
วณิณณวณร 3-323-a-0028

Senior Manager  
วณิณณวณร 3-323-a-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2517778  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3242961-1

Page 1 of 1

| Sample Number               | 2517778-1   |      |           |        |   |  |                  |
|-----------------------------|---|------|-----------|--------|---|--|------------------|
| Sampled Date                | Mar 11, 2025 11:12 AM   |      |           |        |   |  |                  |
| Sample Description          | Wastewater  |      |           |        |   |  |                  |
| Contract ID                 | L_CIE_001_2560  | Plot | Z.57      | Site   | Muntoro Ingredients (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Mar 11, 2025  |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property           | Yellow, some odour, solid and turbid  |      |           |        |   |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |
| Water Testing               |   |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 9.4    | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 8.1    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Phongthep Sittakoh วรณิณณวณร 3-323-a-0023

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Technical Management



Senior Manager  
วณิณณวณร 3-323-a-0028

Senior Manager  
วณิณณวณร 3-323-a-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2517750  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3242870-1

Page 1 of 1

| Sample Number               | 2517750-1   |      |           |        |   |  |                  |
|-----------------------------|---|------|-----------|--------|---|--|------------------|
| Sampled Date                | Mar 13, 2025 2:36 PM  |      |           |        |   |  |                  |
| Sample Description          | Wastewater  |      |           |        |   |  |                  |
| Contract ID                 | L_CIE_012_2557  | Plot | C-2,3,4   | Site   | Nakagawa Special Steel (Thailand) Co., Ltd. |  |                  |
| Date Analysis Commenced     | Mar 13, 2025  |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property           | Yellow, some odour, solid and turbid  |      |           |        |   |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification                   | Method   | Testing Location |
| Water Testing               |   |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 19.8   | ≤500  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.6    | 5.5-9.0                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulottimaek วรณิณณวณร 3-323-a-0021

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Technical Management



Senior Manager  
วณิณณวณร 3-323-a-0028

Senior Manager  
วณิณณวณร 3-323-a-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2517815  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3243222-1

Page 1 of 1

| Sample Number               | 2517815-1   |      |           |        |   |  | Page 1 of 8      |
|-----------------------------|---|------|-----------|--------|---|--|------------------|
| Sampled Date                | Mar 10, 2025 3:05 PM  |      |           |        |   |  |                  |
| Sample Description          | Wastewater  |      |           |        |   |  |                  |
| Contract ID                 | L_WHA   | Plot | K2        | Site   | NANYONG TERMINAL PUBLIC COMPANY LIMITED |  |                  |
|                             | CIE1_005_2566   |      |           |        |   |  |                  |
| Date Analysis Commenced     | Mar 10, 2025  |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |   |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 90.4   | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Kayong           |
| pH (on site) *              | -   | -    | -         | 7.9    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Narunot Thammavaro วรณิณณวณร 3-323-a-0052

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วณิณณวณร 3-323-a-0001

Senior Manager  
วณิณณวณร 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2517824  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3243233-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2517824-1   |      |            |        |                                 |  |                  |  |  |
|-----------------------------|---|------|------------|--------|---------------------------------|--|------------------|--|--|
| Sampled Date                | Mar 10, 2025 10:22 AM   |      |            |        |                                 |  |                  |  |  |
| Sample Description          | Wastewater  |      |            |        |                                 |  |                  |  |  |
| Contract ID                 | L_WHA   | Plot | A-9A, A-10 | Site   | NBC Meshtec (Thailand) Co.,Ltd. |  |                  |  |  |
|                             | CIE_004_2567  |      |            |        |                                 |  |                  |  |  |
| Date Analysis Commenced     | Mar 10, 2025  |      |            |        |                                 |  |                  |  |  |
| Condition of Sample         | Contained in two amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |            |        |                                 |  |                  |  |  |
| Physical Property           | Yellow, some odour, solid and no turbid   |      |            |        |                                 |  |                  |  |  |
|                             |   |      |            |        |                                 |  |                  |  |  |
| Analyte                     | Unit  | LOD  | LOQ (LOR)  | Result | Guideline / Specification       | Method   | Testing Location |  |  |
| <b>Water Testing</b>        |   |      |            |        |                                 |  |                  |  |  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0        | 16.0   | ≤500                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |  |  |
| Oil & Grease                | mg/L  | -    | 3          | <3     | ≤10                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |  |  |
| pH (on site) *              | -   | -    | -          | 7.7    | 5.5-9.0                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |  |  |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Narunat thammassara วรณัฐสารณ์ > 323-a-0052

Remark :

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Technical Management



Signature (3)  
วรณัฐสารณ์ > 323-a-0031

Senior Manager  
วรณัฐสารณ์ > 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2517754  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3242874-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2517754-1   |      |           |        |                                 |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------------|--|------------------|
| Sampled Date                | Mar 10, 2025 10:25 AM   |      |           |        |                                 |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                 |  |                  |
| Contract ID                 | L_CIE_002_2560  | Plot | A-8A      | Site   | NBC Meshtec (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Mar 10, 2025  |      |           |        |                                 |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                 |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |                                 |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification       | Method   | Testing Location |
| Water Testing               |   |      |           |        |                                 |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 150    | ≤500                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 7      | ≤10                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.3    | 5.5-9.0                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Narunat thammassara วรณัฐสารณ์ > 323-a-0052

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Signature (3)  
วรณัฐสารณ์ > 323-a-0031

Senior Manager  
วรณัฐสารณ์ > 323-a-0001

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0127-123 (THAILAND)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2517803  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3243197-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2517803-1   |      |           |        |                                 |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------------|--|------------------|
| Sampled Date                | Mar 13, 2025 9:34 AM  |      |           |        |                                 |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                 |  |                  |
| Contract ID                 | L_WHA   | Plot | B-11D     | Site   | Nichyu Asia (Thailand) Co.,Ltd. |  |                  |
|                             | CIE1_001_2565   |      |           |        |                                 |  |                  |
| Date Analysis Commenced     | Mar 13, 2025  |      |           |        |                                 |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                 |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                                 |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification       | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                                 |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 97.7   | ≤500                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 7      | ≤10                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.9    | 5.5-9.0                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak วรณัฐสารณ์ > 323-a-0021

Remark :

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Technical Management



Signature (4)  
วรณัฐสารณ์ > 323-a-0028

Senior Manager  
วรณัฐสารณ์ > 323-a-0001

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0127-123 (THAILAND)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2517840  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3242839-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number                                    | 2517840-1  |      |           |        |                                       |  |                  |
|--|--|------|-----------|--------|---------------------------------------|--|------------------|
| Sampled Date                                     | Mar 10, 2025 10:05 AM  |      |           |        |                                       |  |                  |
| Sample Description                               | Wastewater   |      |           |        |                                       |  |                  |
| Contract ID                                      | L_CIE_016_2550   | Plot | A-4       | Site   | NIDEC Die-casting (Thailand) Co.,Ltd. |  |                  |
| Location   | Factory 1  |      |           |        |                                       |  |                  |
| Date Analysis Commenced                          | Mar 10, 2025   |      |           |        |                                       |  |                  |
| Condition of Sample                              | Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                       |  |                  |
| Physical Property                                | Yellow, some odour, solid and no turbid  |      |           |        |                                       |  |                  |
| Analyte  | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification             | Method   | Testing Location |
| <b>Water Testing</b>                             |  |      |           |        |                                       |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L   | -    | 2.0       | <2.0   | ≤500                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| COO  | mg/L   | 1.5  | 25        | <25    | ≤750                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                     | mg/L   | -    | 3         | <3     | ≤10                                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *                                   | -  | -    | -         | 7.9    | 5.5-9.0                               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L   | -    | 5         | <5     | ≤200                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

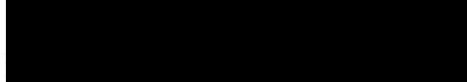
Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Narunat thammassara วรณัฐสารณ์ > 323-a-0052

Remark :

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Signature (3)  
วรณัฐสารณ์ > 323-a-0031

Senior Manager  
วรณัฐสารณ์ > 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517734  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3242840-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517734-1  
Sampled Date : Mar 10, 2025 10:00 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_002\_2550 Plot : A-5 Site : NIDEC Die-casting (Thailand) Co.,Ltd.  
Date Analysis Commenced : Mar 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : Yellow, a lot of odour, some solid and a lot of turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 84.4   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Narurat thammassaro วศินธนากร > 323-4-0052

Remark :  
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Technical Management



Scientist (J)  
วศินธนากร > 323-4-0031

Senior Manager  
วศินธนากร > 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517785  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3243176-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517785-1  
Sampled Date : Mar 10, 2025 9:55 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_002\_2553 Plot : A-6 Site : NIDEC Die-casting (Thailand) Co.,Ltd.  
Date Analysis Commenced : Mar 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 214    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 8      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Narurat thammassaro วศินธนากร > 323-4-0052

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Technical Management



Scientist (J)  
วศินธนากร > 323-4-0031

Senior Manager  
วศินธนากร > 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517759  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3242879-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517759-1  
Sampled Date : Mar 10, 2025 9:30 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_006\_2560 Plot : K-1 Site : Nikser MC Aluminium Co.,Ltd.  
Date Analysis Commenced : Mar 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 94.8   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4.2    | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Narurat thammassaro วศินธนากร > 323-4-0052

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Technical Management



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วศินธนากร > 323-4-0031

Senior Manager  
วศินธนากร > 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517753  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3242873-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

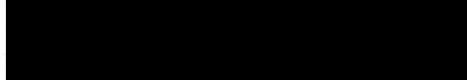
Sample Number : 2517753-1  
Sampled Date : Mar 13, 2025 2:50 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_005\_2558 Plot : A-5/2 Site : Nual Chaiwee Engineering Co.,Ltd.  
Date Analysis Commenced : Mar 13, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 13.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4.2    | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanak Sakulthammakorn วศินธนากร > 323-4-0021

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (J)  
วศินธนากร > 323-4-0028

Senior Manager  
วศินธนากร > 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517822  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3243231-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2517822-1   |      |           |        |                            |  |                  |
|-----------------------------|---|------|-----------|--------|----------------------------|--|------------------|
| Sampled Date                | Mar 10, 2025 10:29 AM   |      |           |        |                            |  |                  |
| Sample Description          | Wastewater  |      |           |        |                            |  |                  |
| Contract ID                 | L_WHA   | Plot | B.12A     | Site   | PRISM TELECOM ASIA LIMITED |  |                  |
|                             | CIE1_002_2567   |      |           |        |                            |  |                  |
| Date Analysis Commenced     | Mar 10, 2025  |      |           |        |                            |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                            |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and no turbid  |      |           |        |                            |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification  | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                            |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 18.4   | ≤500                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.7    | 5.5-9.0                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Narunat thammassara veetimsuanwatt >323-a-0052

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
veetimsuanwatt >323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517746  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3242865-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2517746-1   |      |           |        |                                      |  |                  |
|-----------------------------|---|------|-----------|--------|--------------------------------------|--|------------------|
| Sampled Date                | Mar 10, 2025 1:35 PM  |      |           |        |                                      |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                      |  |                  |
| Contract ID                 | L_CIE_014_2569  | Plot | D-12/2A   | Site   | S.O. TANK CLEANING TERMINAL Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Mar 10, 2025  |      |           |        |                                      |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                      |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |                                      |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification            | Method   | Testing Location |
| Water Testing               |   |      |           |        |                                      |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 166    | ≤500                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 8      | ≤10                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.5    | 5.5-9.0                              | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Narunat thammassara veetimsuanwatt >323-a-0052

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
veetimsuanwatt >323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517771  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3242898-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2517771-1   |      |           |  |                           |  |                  |
|-----------------------------|---|------|-----------|--|---------------------------|--|------------------|
| Sampled Date                | Mar 11, 2025 1:55 PM  |      |           |  |                           |  |                  |
| Sample Description          | Wastewater  |      |           |  |                           |  |                  |
| Contract ID                 | L_CIE_010_2556  | Plot | Z-32      | Site Sail Industry (Thailand) Co.,Ltd. |                           |  |                  |
| Date Analysis Commenced     | Mar 11, 2025  |      |           |  |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |  |                           |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |  |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result                                 | Guideline / Specification | Method   | Testing Location |
| Water Testing               |   |      |           |  |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | —    | 2.0       | 66.1                                   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/l  | —    | 3         | 4                                      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | —   | —    | —         | 7.6                                    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Phonthep Siththak veetimsuanwatt >323-a-0023

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
veetimsuanwatt >323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517823  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3243232-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2517823-1   |      |            |        |  |  |                  |
|-----------------------------|---|------|------------|--------|--|--|------------------|
| Sampled Date                | Mar 11, 2025 1:50 PM  |      |            |        |  |  |                  |
| Sample Description          | Wastewater  |      |            |        |  |  |                  |
| Contract ID                 | L_WHA   | Plot | Z.25, Z.26 | Site   | SAIL INDUSTRY (THAILAND) COMPANY LIMITED |  |                  |
|                             | CIE1_003_2567   |      |            |        |  |  |                  |
| Date Analysis Commenced     | Mar 11, 2025  |      |            |        |  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |            |        |  |  |                  |
| Physical Property           | Yellow, some odour, solid and turbid  |      |            |        |  |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR)  | Result | Guideline / Specification                | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |            |        |  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0        | 12.2   | ≤500                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3          | <3     | ≤10                                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -          | 7.7    | 5.5-9.0                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Phonthep Siththak veetimsuanwatt >323-a-0023

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Technical Management



Senior Manager  
veetimsuanwatt >323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Lot ID: 2517765  
Date Received : Mar 06, 2025  
Date Reported : Mar 13, 2025  
Report Number : 3242890-1

Page 1 of 1

Sample Number 2517765-1  
Sampled Date Mar 06, 2025 1:30 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_018\_2557 Plot F-15 Site SET (Thailand) Co.,Ltd.  
Date Analysis Commenced Mar 06, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 61.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunyong วุฒินวณรณ 323-4-0022

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Technical Management



Senior Manager  
วุฒินวณรณ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
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Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Lot ID: 2517764  
Date Received : Mar 06, 2025  
Date Reported : Mar 13, 2025  
Report Number : 3256953-1

Page 1 of 1

Sample Number 2517764-1  
Sampled Date Mar 06, 2025 2:10 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_017\_2557 Plot F-10 Site Shinsei Koki (Thailand) Corporation Limited.  
Date Analysis Commenced Mar 06, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 29.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunyong วุฒินวณรณ 323-4-0022

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วุฒินวณรณ 323-4-0001

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## Analysis / Test Report



TESTING  
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Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Lot ID: 2517740  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3242854-1

Page 1 of 1

Sample Number 2517740-1  
Sampled Date Mar 11, 2025 9:49 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_017\_2550 Plot B-3 Site Shinwa Kogyo (Thailand) Co.,Ltd.  
Date Analysis Commenced Mar 11, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 18.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Phonthep Sethakorn วุฒินวณรณ 323-4-0023

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Technical Management



Senior Manager  
วุฒินวณรณ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
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Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Lot ID: 2517744  
Date Received : Mar 06, 2025  
Date Reported : Mar 13, 2025  
Report Number : 3242863-1

Page 1 of 1

Sample Number 2517744-1  
Sampled Date Mar 06, 2025 2:20 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_018\_2550 Plot D-13/2 Site Sam Steel Mill Services Ltd.  
Date Analysis Commenced Mar 06, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Green, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 36.8   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunyong วุฒินวณรณ 323-4-0022

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Technical Management



Senior Manager  
วุฒินวณรณ 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517739  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3242853-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517739-1  
Sampled Date : Mar 10, 2025 10:47 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_004\_2557 Plot : B-11A Site : SPF (Thailand) Co.,Ltd.  
Date Analysis Commenced : Mar 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 69.1   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 6      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Narurat thammassaro วณิชธนากร > 323-q-0052

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Technical Management



Scientist (J)  
วณิชธนากร > 323-q-0031

Senior Manager  
วณิชธนากร > 323-q-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517743  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3242862-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517743-1  
Sampled Date : Mar 10, 2025 2:33 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_019\_2550 Plot : D-4 Site : Taisei Plas (Thailand) Co.,Ltd.  
Date Analysis Commenced : Mar 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, a lot of odour, some solid and a lot of turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 81.6   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Narurat thammassaro วณิชธนากร > 323-q-0052

Remark :  
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Technical Management



Scientist (J)  
วณิชธนากร > 323-q-0031

Senior Manager  
วณิชธนากร > 323-q-0001

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0127-123 (THAI)

0127-123 (THAI)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517751  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3242871-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517751-1  
Sampled Date : Mar 10, 2025 1:55 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_003\_2558 Plot : M-3 Site : Tayhi Kenmos Auto Parts (Thailand) Co.,Ltd.  
Date Analysis Commenced : Mar 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 262    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4.2    | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Narurat thammassaro วณิชธนากร > 323-q-0052

Remark :  
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- \*C\* : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (J)  
วณิชธนากร > 323-q-0031

Senior Manager  
วณิชธนากร > 323-q-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2520812  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3247524-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

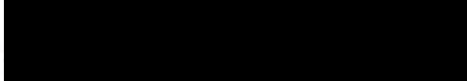
Sample Number : 2520812-1  
Sampled Date : Mar 10, 2025 2:28 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_001\_2568 Plot : D.5/1 Site : TETAR TECHNOLOGY (THAILAND) COMPANY LIMITED  
Date Analysis Commenced : Mar 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle, sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 347    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 10     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Narurat thammassaro วณิชธนากร > 323-q-0052

Remark :  
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- \*C\* : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (J)  
วณิชธนากร > 323-q-0031

Senior Manager  
วณิชธนากร > 323-q-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2517745  
Date Received : Mar 06, 2025  
Date Reported : Mar 13, 2025  
Report Number : 3242864-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517745-1  
Sampled Date : Mar 06, 2025 3:00 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_007\_2558 Plot D-12/1A Site THAI ESCORP LTD.  
Date Analysis Commenced : Mar 06, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method  | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing               |      |     |           |        |                           |   |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 42.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O <sub>2</sub> | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                             | Rayong           |
| pH (on site) *              |      | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)                       | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunyong วรณิณณารักษ์ 323-4-0022

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (4)  
วณิณณารักษ์ 323-4-0028

Senior Manager  
วณิณณารักษ์ 323-4-0001

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3242864-1 (THAILAND)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2517838  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3242994-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 2

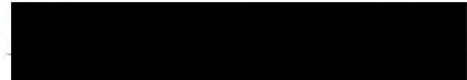
Sample Number : 2517838-1  
Sampled Date : Mar 13, 2025 1:42 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2559 Plot D-9 Site Thai Huasen Battery Co., Ltd.  
Date Analysis Commenced : Mar 13, 2025  
Condition of Sample : Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Colorless, some odour, solid and no turbid

| Analyte   | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method  | Testing Location |
|---|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing                                     |      |     |           |        |                           |   |                  |
| BOD (5 days at 20 Degree C)                       | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O <sub>2</sub> | Rayong           |
| COO   | mg/L | 1.5 | 25        | <25    | ≤750                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                             | Rayong           |
| Oil & Grease                                      | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                             | Rayong           |
| pH (on site) *                                    |      | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)                       | Rayong           |
| Total Dissolved Solids Dried at 180 degree C.     | mg/L | -   | 5         | 100    | ≤3000                     | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                             | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C. | mg/L | -   | 5         | <5     | ≤200                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                             | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak วรณิณณารักษ์ 323-4-0021, Pattarapol Sawangjittum วรณิณณารักษ์ 204-4-0002

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Technical Management



Scientist (4)  
วณิณณารักษ์ 323-4-0028

Senior Manager  
วณิณณารักษ์ 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2517838  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3242994-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 2 of 2

Sample Number : 2517838-1  
Sampled Date : Mar 13, 2025 1:42 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2559 Plot D-9 Site Thai Huasen Battery Co., Ltd.  
Date Analysis Commenced : Mar 14, 2025  
Condition of Sample : Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Colorless, some odour, solid and no turbid

| Analyte        | Unit | LOD    | LOQ (LOR) | Result | Guideline / Specification | Method  | Testing Location |
|----------------|------|--------|-----------|--------|---------------------------|---|------------------|
| Metals Testing |      |        |           |        |                           |   |                  |
| Lead           | mg/L | 0.0003 | 0.0005    | 0.003  | ≤0.2                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3125 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak วรณิณณารักษ์ 323-4-0021, Pattarapol Sawangjittum วรณิณณารักษ์ 204-4-0002

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Technical Management



Scientist (4)  
วณิณณารักษ์ 323-4-0028

Senior Manager  
วณิณณารักษ์ 323-4-0001

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3242994-1 (THAILAND)



## Analysis / Test Report

TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2517838  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3242994-2

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

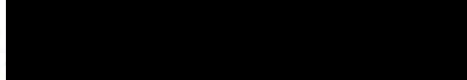
Sample Number : 2517838-1  
Sampled Date : Mar 13, 2025 1:42 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2559 Plot D-9 Site Thai Huasen Battery Co., Ltd.  
Date Analysis Commenced : Mar 14, 2025  
Condition of Sample : Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Colorless, some odour, solid and no turbid

| Analyte        | Unit | LOD    | LOQ (LOR) | Result | Guideline / Specification | Method  | Testing Location |
|----------------|------|--------|-----------|--------|---------------------------|---|------------------|
| Metals Testing |      |        |           |        |                           |   |                  |
| Lead           | mg/L | 0.0003 | 0.0005    | 0.003  | ≤0.2                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3125 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak วรณิณณารักษ์ 323-4-0021, Pattarapol Sawangjittum วรณิณณารักษ์ 204-4-0002

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Technical Management



Scientist (4)  
วณิณณารักษ์ 204-4-0007

Senior Manager  
วณิณณารักษ์ 204-4-0004

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3242994-2 (THAILAND)





## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517763  
Date Received : Mar 06, 2025  
Date Reported : Mar 13, 2025  
Report Number : 3242885-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2517763-1  
Sampled Date Mar 06, 2025 2:00 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_001\_2552 Plot F-12 Site Thai Instant Products Co.,Ltd.  
Date Analysis Commenced Mar 06, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 244    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunyong วศินมูณวณ 323-4-0022

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วศินมูณวณ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517814  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3243220-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2517814-1  
Sampled Date Mar 13, 2025 2:00 PM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_004\_2566 Plot Z-60,261,261B Site THAI OUTDO POWER TECHNOLOGY Co.,Ltd.  
Date Analysis Commenced Mar 13, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Colorless, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimawak วศินมูณวณ 323-4-0021

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วศินมูณวณ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517810  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3243208-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2517810-1  
Sampled Date Mar 13, 2025 11:09 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_011\_2560 Plot E-6 Site Thai Rung Union Car Public Co.,Ltd.  
Date Analysis Commenced Mar 13, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 42.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimawak วศินมูณวณ 323-4-0021

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.  
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วศินมูณวณ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517796  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3243189-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

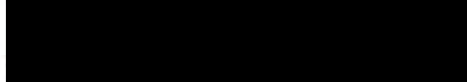
Sample Number 2517796-1  
Sampled Date Mar 11, 2025 3:15 PM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_003\_2564 Plot Z-62 Site Thai Wp Co.,Ltd.  
Date Analysis Commenced Mar 11, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 42.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 3      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Phongeth Sithakorn วศินมูณวณ 323-4-0023

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วศินมูณวณ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517818  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3243225-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2517818-1   |      |           |        |   |  |                  |
|-----------------------------|---|------|-----------|--------|---|--|------------------|
| Sampled Date                | Mar 11, 2025 1:44 PM  |      |           |        |   |  |                  |
| Sample Description          | Wastewater  |      |           |        |   |  |                  |
| Contract ID                 | L_WHA   | Plot | Z.21      | Site   | TOOLS INTERNATIONAL (THAILAND) Co.,Ltd. |  |                  |
|                             | CIE1_007_2566   |      |           |        |   |  |                  |
| Date Analysis Commenced     | Mar 11, 2025  |      |           |        |   |  |                  |
| Condition of Sample         | Contained in two amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property           | Yellow, some odour, solid and turbid  |      |           |        |   |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |
| Water Testing               |   |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 7.9    | ≤500                                    | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                                     | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.9    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Phongthep Sathhokh veetumarnwatt 3-323-a-0021

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager

Senior Manager

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0127-123 (THAILAND)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517769  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3243226-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2517769-1   |      |                 |        |   |  |                  |
|-----------------------------|---|------|-----------------|--------|---|--|------------------|
| Sampled Date                | Mar 11, 2025 10:26 AM   |      |                 |        |   |  |                  |
| Sample Description          | Wastewater  |      |                 |        |   |  |                  |
| Contract ID                 | L_WHA   | Plot | Z.4, Z.4A, Z.4C | Site   | Top Link Industrial (Thailand) Co.,Ltd. |  |                  |
|                             | CIE1_006_2567   |      |                 |        |   |  |                  |
| Date Analysis Commenced     | Mar 11, 2025  |      |                 |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |                 |        |   |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |                 |        |   |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR)       | Result | Guideline / Specification               | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |                 |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0             | 142    | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3               | 5      | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -   | -    | -               | 7.9    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

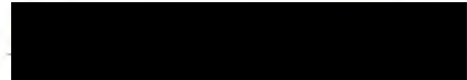
Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Phongthep Sathhokh veetumarnwatt 3-323-a-0021

Remark :

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager

Senior Manager

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517805  
Date Received : Mar 11, 2025  
Date Reported : Mar 18, 2025  
Report Number : 3243200-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2517805-1   |      |           |        |   |  |        |
|-----------------------------|---|------|-----------|--------|---|--|--------|
| Sampled Date                | Mar 11, 2025 2:44 PM  |      |           |        |   |  |        |
| Sample Description          | Wastewater  |      |           |        |   |  |        |
| Contract ID                 | L_WHA   | Plot | Z-64      | Site   | Top Link Industrial (Thailand) Co.,Ltd. |  |        |
|                             | CIE1_003_2565   |      |           |        |   |  |        |
| Date Analysis Commenced     | Mar 11, 2025  |      |           |        |   |  |        |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |        |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |   |  |        |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method Testing Location  |        |
| <b>Water Testing</b>        |   |      |           |        |   |  |        |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 72.9   | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong |
| Oil & Grease                | mg/L  | -    | 3         | 9      | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5200 B                  | Rayong |
| pH (on site) *              | -   | -    | -         | 7.8    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Phongthep Sathhokh veetumarnwatt 3-323-a-0021

Remark :

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager

Senior Manager

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517788  
Date Received : Mar 13, 2025  
Date Reported : Mar 19, 2025  
Report Number : 3243181-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2517788-1   |      |           |        |                                      |  |                  |
|-----------------------------|---|------|-----------|--------|--------------------------------------|--|------------------|
| Sampled Date                | Mar 13, 2025 11:30 AM   |      |           |        |                                      |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                      |  |                  |
| Contract ID                 | L_WHA   | Plot | Z-550     | Site   | Ultimate Springs (Thailand) Co.,Ltd. |  |                  |
|                             | CIE1_006_2563   |      |           |        |                                      |  |                  |
|                             | Mar 13, 2025  |      |           |        |                                      |  |                  |
| Date Analysis Commenced     | Mar 13, 2025  |      |           |        |                                      |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                      |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                                      |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification            | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                                      |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 144    | ≤500                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 8      | ≤10                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.3    | 5.5-9.0                              | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

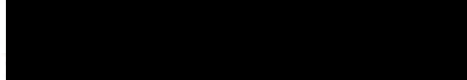
Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattimsook veetumarnwatt 3-323-a-0021

Remark :

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Technical Management



Senior Manager

Senior Manager

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517760  
Date Received : Mar 06, 2025  
Date Reported : Mar 13, 2025  
Report Number : 3242889-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517760-1  
Sampled Date : Mar 06, 2025 2:05 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_003\_2550 Plot F-9 Site Van Leeuwen Pipe and Tube (Thailand) Ltd.  
Date Analysis Commenced : Mar 06, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 93.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 3      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekkechai Tunong วังวัฒนาวิทย์ 323-a-0022

Remark :  
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Technical Management



Senior Manager  
วณิศาวิทย์ 323-a-0028

Senior Manager  
วณิศาวิทย์ 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2517809  
Date Received : Mar 10, 2025  
Date Reported : Mar 17, 2025  
Report Number : 3242106-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2517809-1  
Sampled Date : Mar 10, 2025 11:10 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_006\_2565 Plot B-10C Site V-SACHET Co.,Ltd.  
Date Analysis Commenced : Mar 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 132    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 7      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Namnat thammavorn วังวัฒนาวิทย์ 323-a-0052

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วณิศาวิทย์ 323-a-0031

Senior Manager  
วณิศาวิทย์ 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527869  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267300-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527869-1  
Sampled Date : Apr 04, 2025 11:22 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_008\_2564 Plot Z-55H Site AGRI SYRUP INDUSTRY (THAILAND) Co.,Ltd.  
Date Analysis Commenced : Apr 04, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 9.4    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekkechai Tunong วังวัฒนาวิทย์ 323-a-0022

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.  
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วณิศาวิทย์ 323-a-0028

Senior Manager  
วณิศาวิทย์ 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527876  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267314-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

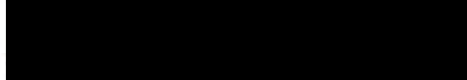
Sample Number : 2527876-1  
Sampled Date : Apr 04, 2025 10:00 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_004\_2565 Plot Z-59B Site AIR INTERNATIONAL THERMAL SYSTEMS ( THAILAND ) LIMITED  
Date Analysis Commenced : Apr 04, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 91.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 9      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekkechai Tunong วังวัฒนาวิทย์ 323-a-0022

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วณิศาวิทย์ 323-a-0028

Senior Manager  
วณิศาวิทย์ 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527877  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267315-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2527877-1   |      |           |        |  |  |                  |
|-----------------------------|---|------|-----------|--------|--|--|------------------|
| Sampled Date                | Apr 04, 2025 9:55 AM  |      |           |        |  |  |                  |
| Sample Description          | Wastewater  |      |           |        |  |  |                  |
| Contract ID                 | L_WHA<br>CIE1_005_2565  | Plot | Z-59C     | Site   | AIR INTERNATIONAL THERMAL SYSTEMS ( THAILAND ) LIMITED |  |                  |
| Date Analysis Commenced     | Apr 04, 2025  |      |           |        |  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |  |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |  |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification                              | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | —    | 2.0       | 147    | ≤500   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | —    | 3         | 7      | ≤10  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | —   | —    | —         | 7.9    | 5.5-9.0  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Ekachai Tunong วศินิพนธ์ 323-4-0022

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วศินิพนธ์ 323-4-0022

Senior Manager  
วศินิพนธ์ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527878  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267317-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2527878-1   |      |           |        |  |  |                  |
|-----------------------------|---|------|-----------|--------|--|--|------------------|
| Sampled Date                | Apr 04, 2025 10:05 AM   |      |           |        |  |  |                  |
| Sample Description          | Wastewater  |      |           |        |  |  |                  |
| Contract ID                 | L_CIE_007_2569  | Plot | Z-58D     | Site   | AIR INTERNATIONAL THERMAL SYSTEMS ( THAILAND ) LIMITED |  |                  |
| Date Analysis Commenced     | Apr 04, 2025  |      |           |        |  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |  |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |  |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification                              | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 68.4   | ≤500   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 6      | ≤10  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.8    | 5.5-9.0  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Ekachai Tunong วศินิพนธ์ 323-4-0022

Remark :  
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Technical Management



Senior Manager  
วศินิพนธ์ 323-4-0022

Senior Manager  
วศินิพนธ์ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527845  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267243-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2527845-1   |      |           |        |                           |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | Apr 04, 2025 11:18 AM   |      |           |        |                           |  |                  |
| Sample Description          | Wastewater  |      |           |        |                           |  |                  |
| Contract ID                 | L_CIE_008_2558  | Plot | Z-55E     | Site   | Analog City               |  |                  |
| Date Analysis Commenced     | Apr 04, 2025  |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Water Testing               |   |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 110    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 0      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Ekachai Tunong วศินิพนธ์ 323-4-0022

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วศินิพนธ์ 323-4-0022

Senior Manager  
วศินิพนธ์ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527804  
Date Received : Apr 07, 2025  
Date Reported : Apr 12, 2025  
Report Number : 3267154-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Page 1 of 1

| Sample Number               | 2527804-1   |      |           |        |                            |  |                  |
|-----------------------------|---|------|-----------|--------|----------------------------|--|------------------|
| Sampled Date                | Apr 07, 2025 3:10 PM  |      |           |        |                            |  |                  |
| Sample Description          | Wastewater  |      |           |        |                            |  |                  |
| Contract ID                 | L_CIE_003_2557  | Plot | B-10B     | Site   | Anstac (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Apr 07, 2025  |      |           |        |                            |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                            |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                            |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification  | Method   | Testing Location |
| Water Testing               |   |      |           |        |                            |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 37.7   | ≤500                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 7      | ≤10                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.4    | 5.5-9.0                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Ekachai Tunong วศินิพนธ์ 323-4-0022

Remark :  
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Technical Management



Senior Manager  
วศินิพนธ์ 323-4-0022

Senior Manager  
วศินิพนธ์ 323-4-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042  
Lot ID: 2527917  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267271-1

Page 1 of 2

| Sample Number                                | 2527917-1  |        |           |        |                                 |  |                  |
|--|--|--------|-----------|--------|---------------------------------|--|------------------|
| Sampled Date                                 | Apr 03, 2025 11:11 AM  |        |           |        |                                 |  |                  |
| Sample Description                           | Wastewater   |        |           |        |                                 |  |                  |
| Contract ID                                  | L_CIE_002_2559   | Plot A |           | Site   | B. Grimm Power (WHA) 1 Limited. |  |                  |
| Location                                     | Office   |        |           |        |                                 |  |                  |
| Date Analysis Commenced                      | Apr 03, 2025   |        |           |        |                                 |  |                  |
| Condition of Sample                          | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |        |                                 |  |                  |
| Physical Property                            | Yellow, a lot of odour, some solid and a lot of turbid   |        |           |        |                                 |  |                  |
| Analyte                                      | Unit   | LOD    | LOQ (LOR) | Result | Guideline / Specification       | Method   | Testing Location |
| Water Testing                                |  |        |           |        |                                 |  |                  |
| BOD (5 days at 20 Degree C)                  | mg/L   | -      | 2.0       | 26.8   | ≤500                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| COD  | mg/L   | 1.5    | 25        | 117    | ≤750                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Color (at Original pH)                       | ADMI   | -      | 5         | 90     | ≤600                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F                  | Rayong           |
| Color (at pH 7.0)                            | ADMI   | -      | 5         | 86     | ≤600                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F                  | Rayong           |
| Oil & Grease                                 | mg/L   | -      | 3         | 7      | ≤10                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                               |  | -      | -         | 7.5    | 5.5-9.0                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Temperature *                                | Degree C   | -      | -         | 29.3   | ≤45                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B                  | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L   | -      | 5         | 372    | ≤3000                           | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |

Technical Management



Scientist (A)  
นายณัฐพงศ์ น.323-4-0028

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042  
Lot ID: 2527917  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267271-1

Page 2 of 2

| Sample Number                                    | 2527917-1  |        |           |        |                                 |  |                  |
|--|--|--------|-----------|--------|---------------------------------|--|------------------|
| Sampled Date                                     | Apr 03, 2025 11:11 AM  |        |           |        |                                 |  |                  |
| Sample Description                               | Wastewater   |        |           |        |                                 |  |                  |
| Contract ID                                      | L_CIE_002_2559   | Plot A |           | Site   | B. Grimm Power (WHA) 1 Limited. |  |                  |
| Location   | Office   |        |           |        |                                 |  |                  |
| Date Analysis Commenced                          | Apr 03, 2025   |        |           |        |                                 |  |                  |
| Condition of Sample                              | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |        |                                 |  |                  |
| Physical Property                                | Yellow, a lot of odour, some solid and a lot of turbid   |        |           |        |                                 |  |                  |
| Analyte  | Unit   | LOD    | LOQ (LOR) | Result | Guideline / Specification       | Method   | Testing Location |
| Water Testing                                    |  |        |           |        |                                 |  |                  |
| Total Kjeldahl Nitrogen as N                     | mg/L   | -      | 1.0       | 44.6   | ≤100                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Nitro (C), part 4500-Nitro (D) | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L   | -      | 5         | 24     | ≤200                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                              | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak wudhuanwari +323-4-0021

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (A)  
นายณัฐพงศ์ น.323-4-0028

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5/27/2025

3/26/2025, 14:30:41 (2/20/2025)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2527917  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267271-2

Page 1 of 1

| Sample Number           | 2527917-1  |        |           |             |                                 |               |                  |
|-------------------------|--|--------|-----------|-------------|---------------------------------|---------------|------------------|
| Sampled Date            | Apr 03, 2025 11:11 AM  |        |           |             |                                 |               |                  |
| Sample Description      | Wastewater   |        |           |             |                                 |               |                  |
| Contract ID             | L_CIE_002_2559   | Plot A |           | Site        | B. Grimm Power (WHA) 1 Limited. |               |                  |
| Location                | Office   |        |           |             |                                 |               |                  |
| Date Analysis Commenced | Apr 03, 2025   |        |           |             |                                 |               |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |             |                                 |               |                  |
| Physical Property       | Yellow, a lot of odour, some solid and a lot of turbid   |        |           |             |                                 |               |                  |
| Analyte                 | Unit   | LOD    | LOQ (LOR) | Result      | Guideline / Specification       | Method        | Testing Location |
| Water Testing           |  |        |           |             |                                 |               |                  |
| Flow rate               | m <sup>3</sup> /s  | -      | -         | No Velocity | No Standard                     | Flow meter    | Rayong           |
| Odour                   |  | -      | -         | Odourless   | No Standard                     | TTS, 257-2549 | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Scientist (A)

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5/27/2025

3/26/2025, 14:30:41 (2/20/2025)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042  
Lot ID: 2527918  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267271-1

Page 1 of 2

| Sample Number               | 2527918-1  |        |           |        |                                 |  |                  |
|-----------------------------|--|--------|-----------|--------|---------------------------------|--|------------------|
| Sampled Date                | Apr 03, 2025 11:09 AM  |        |           |        |                                 |  |                  |
| Sample Description          | Wastewater   |        |           |        |                                 |  |                  |
| Contract ID                 | L_CIE_002_2559   | Plot A |           | Site   | B. Grimm Power (WHA) 1 Limited. |  |                  |
| Location                    | Process  |        |           |        |                                 |  |                  |
| Date Analysis Commenced     | Apr 03, 2025   |        |           |        |                                 |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |        |                                 |  |                  |
| Physical Property           | Yellow, some odour, solid and no turbid  |        |           |        |                                 |  |                  |
| Analyte                     | Unit   | LOD    | LOQ (LOR) | Result | Guideline / Specification       | Method   | Testing Location |
| Water Testing               |  |        |           |        |                                 |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -      | 2.0       | <2.0   | ≤500                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| COD                         | mg/L   | 1.5    | 25        | 49     | ≤750                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Color (at Original pH)      | ADMI   | -      | 5         | 10     | ≤600                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F                  | Rayong           |
| Color (at pH 7.0)           | ADMI   | -      | 5         | 9      | ≤600                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F                  | Rayong           |
| Oil & Grease                | mg/L   | -      | 3         | <3     | ≤10                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |  | -      | -         | 7.4    | 5.5-9.0                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Residual Free Chlorine *    | mg/L   | -      | 0.1       | <0.1   | ≤1                              | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - Cl (F)           | Rayong           |
| Temperature *               | Degree C   | -      | -         | 29.7   | ≤45                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B                  | Rayong           |

Technical Management



Scientist (A)  
นายณัฐพงศ์ น.323-4-0028

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3/26/2025, 14:30:41 (2/20/2025)





## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2527918  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267272-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 2 of 2

| Sample Number                                    | 2527918-1  |        |           |        |                                 |   |                  |
|--|--|--------|-----------|--------|---------------------------------|---|------------------|
| Sampled Date                                     | Apr 03, 2025 11:09 AM  |        |           |        |                                 |   |                  |
| Sample Description                               | Wastewater   |        |           |        |                                 |   |                  |
| Contract ID                                      | L_CIE_003_2559   | Plot A |           | Site   | B. Grimm Power (WHA) 1 Limited. |   |                  |
| Location   | Process  |        |           |        |                                 |   |                  |
| Date Analysis Commenced                          | Apr 03, 2025   |        |           |        |                                 |   |                  |
| Condition of Sample                              | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |        |                                 |   |                  |
| Physical Property                                | Yellow, some odour, solid and no turbid  |        |           |        |                                 |   |                  |
| Analyte  | Unit   | LOD    | LOQ (LOR) | Result | Guideline / Specification       | Method  | Testing Location |
| <b>Water Testing</b>                             |  |        |           |        |                                 |   |                  |
| Total Dissolved Solids Dried at 180 degree C     | mg/L   | -      | 5         | 1536   | ≤3000                           | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                       | Rayong           |
| Total Kjeldahl Nitrogen as N                     | mg/L   | -      | 1.0       | 2.1    | ≤100                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part 9613 (D) | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L   | -      | 5         | 7      | ≤200                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                       | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖323-๙-0021

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (A)  
๖323-๙-0028

Senior Manager  
๖323-๙-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2527918  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267272-2

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number           | 2527918-1  |        |           |           |                                 |              |                  |
|-------------------------|--|--------|-----------|-----------|---------------------------------|--------------|------------------|
| Sampled Date            | Apr 03, 2025 11:09 AM  |        |           |           |                                 |              |                  |
| Sample Description      | Wastewater   |        |           |           |                                 |              |                  |
| Contract ID             | L_CIE_003_2559   | Plot A |           | Site      | B. Grimm Power (WHA) 1 Limited. |              |                  |
| Location                | Process  |        |           |           |                                 |              |                  |
| Date Analysis Commenced | Apr 03, 2025   |        |           |           |                                 |              |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |           |                                 |              |                  |
| Physical Property       | Yellow, some odour, solid and no turbid  |        |           |           |                                 |              |                  |
| Analyte                 | Unit   | LOD    | LOQ (LOR) | Result    | Guideline / Specification       | Method       | Testing Location |
| <b>Water Testing</b>    |  |        |           |           |                                 |              |                  |
| Flow rate               | m3/s   | -      | -         | 0.017     | No Standard                     | Flow meter   | Rayong           |
| Odour                   | -  | -      | -         | Odourless | No Standard                     | TIS, 257-259 | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2527797  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267146-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2527797-1   |            |           |        |                           |  |                  |
|-----------------------------|---|------------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | Apr 03, 2025 10:46 AM   |            |           |        |                           |  |                  |
| Sample Description          | Wastewater  |            |           |        |                           |  |                  |
| Contract ID                 | L_CIE_002_2550  | Plot B.L.G |           | Site   | B.L.G. Co.,Ltd.           |  |                  |
| Location                    | Process   |            |           |        |                           |  |                  |
| Date Analysis Commenced     | Apr 03, 2025  |            |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |            |           |        |                           |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and a lot of turbid  |            |           |        |                           |  |                  |
| Analyte                     | Unit  | LOD        | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| <b>Water Testing</b>        |   |            |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -          | 2.0       | 70.7   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -          | 3         | 7      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -          | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖323-๙-0021

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (A)  
๖323-๙-0028

Senior Manager  
๖323-๙-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2527911  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267263-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

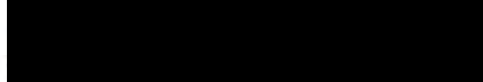
| Sample Number                                    | 2527911-1  |           |           |        |                           |  |                  |
|--|--|-----------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                                     | Apr 04, 2025 2:40 PM   |           |           |        |                           |  |                  |
| Sample Description                               | Wastewater   |           |           |        |                           |  |                  |
| Contract ID                                      | L_CIE_002_2555   | Plot Z-68 |           | Site   | BHN (THAILAND) Co.,Ltd.   |  |                  |
| Location   | Process  |           |           |        |                           |  |                  |
| Date Analysis Commenced                          | Apr 04, 2025   |           |           |        |                           |  |                  |
| Condition of Sample                              | Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |           |           |        |                           |  |                  |
| Physical Property                                | Yellow, some odour, solid and no turbid  |           |           |        |                           |  |                  |
| Analyte  | Unit   | LOD       | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| <b>Water Testing</b>                             |  |           |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L   | -         | 2.0       | 5.8    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| TSS  | mg/L   | 1.5       | 3%        | <3%    | <750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                     | mg/L   | -         | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -  | -         | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L   | -         | 5         | 7      | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Ekachai Tunyong ๖323-๙-0022

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (A)  
๖323-๙-0028

Senior Manager  
๖323-๙-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527900  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267273-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527900-1  
Sampled Date : Apr 10, 2025 10:54 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_003\_2550 Plot : B-5 Site : Boncafe (Thailand) Ltd.  
Date Analysis Commenced : Apr 10, 2025  
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and some turbid

| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>                             |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L | -   | 2.0       | 76.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                                     | mg/L | -   | 3         | 3      | ≤10                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | -   | 5         | 39     | ≤200                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Saravit Narapong วรณิณวัฒน์ 323-a-0001

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วรณิณวัฒน์ 323-a-0028

Senior Manager  
วรณิณวัฒน์ 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527808  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267173-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527808-1  
Sampled Date : Apr 03, 2025 11:25 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_009\_2557 Plot : B-04 Site : Castool Tooling systems.  
Date Analysis Commenced : Apr 03, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 14.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulthammak วรณิณวัฒน์ 323-a-0021

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วรณิณวัฒน์ 323-a-0028

Senior Manager  
วรณิณวัฒน์ 323-a-0001

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1/1 (Version), AL\_01\_01 (1-03/09)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527871  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267305-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527871-1  
Sampled Date : Apr 04, 2025 10:59 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA\_CIE1\_010\_2564 Plot : Z-34-Z-38 Site : Celeraise (Thailand) Co.,Ltd.  
Date Analysis Commenced : Apr 04, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)  
Physical Property : Yellow, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 7.2    | ≤500                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Ekkechar Tunong วรณิณวัฒน์ 323-a-0002

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วรณิณวัฒน์ 323-a-0028

Senior Manager  
วรณิณวัฒน์ 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527855  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267282-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527855-1  
Sampled Date : Apr 03, 2025 2:34 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA\_CIE1\_001\_2563 Plot : D.13/L.D.13/3(A) Site : Chonburi Clean Energy Co.,Ltd.  
Date Analysis Commenced : Apr 03, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)  
Physical Property : Yellow, some odour, solid and no turbid

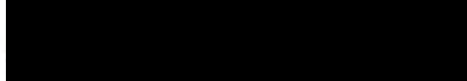
| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 4.2    | ≤500                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulthammak วรณิณวัฒน์ 323-a-0021

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วรณิณวัฒน์ 323-a-0028

Senior Manager  
วรณิณวัฒน์ 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527842  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267238-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number 2527842-1  
Sampled Date Apr 04, 2025 2:00 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_008\_2550 Plot Z-48 Site Cal Tech Steel (Thailand) Co.,Ltd.  
Date Analysis Commenced Apr 04, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunyong วังเดิมสารณ์ 323-4-0022

Remark :  
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Technical Management



Senior Manager  
วังเดิมสารณ์ 323-4-0028

Senior Manager  
วังเดิมสารณ์ 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527814  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267179-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

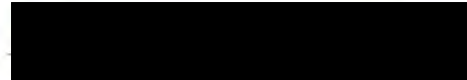
Sample Number 2527814-1  
Sampled Date Apr 10, 2025 11:46 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_004\_2550 Plot E-5 Site Daifuku (Thailand) Ltd.  
Date Analysis Commenced Apr 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 114    | ≤500                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narapong วังเดิมสารณ์ 323-4-0011

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Technical Management



Senior Manager  
วังเดิมสารณ์ 323-4-0028

Senior Manager  
วังเดิมสารณ์ 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527851  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267259-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number 2527851-1  
Sampled Date Apr 04, 2025 2:50 PM  
Sample Description Wastewater  
Contract ID L\_WHA\_CIE1\_004\_2562 Plot Z-67 Site DT Wiring Systems (Thailand) Co.,Ltd.  
Date Analysis Commenced Apr 04, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 35.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunyong วังเดิมสารณ์ 323-4-0022

Remark :  
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Technical Management



Senior Manager  
วังเดิมสารณ์ 323-4-0028

Senior Manager  
วังเดิมสารณ์ 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527853  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267256-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

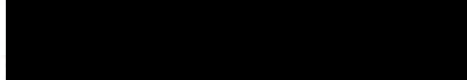
Sample Number 2527853-1  
Sampled Date Apr 04, 2025 3:00 PM  
Sample Description Wastewater  
Contract ID L\_WHA\_CIE1\_006\_2562 Plot Z-52 Site DTS Draendmaier Automotive Systems (Thailand) Co.,Ltd.  
Date Analysis Commenced Apr 04, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 164    | ≤500                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 8      | ≤10                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunyong วังเดิมสารณ์ 323-4-0022

Remark :  
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Technical Management



Senior Manager  
วังเดิมสารณ์ 323-4-0028

Senior Manager  
วังเดิมสารณ์ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527798  
Date Received : Apr 07, 2025  
Date Reported : Apr 12, 2025  
Report Number : 3267147-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2527798-1  
Sampled Date Apr 07, 2025 2:15 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_005\_2550 Plot A-1 Site Dusholux (Siam) Co.,Ltd.  
Date Analysis Commenced Apr 07, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 31.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunong วรณิมาสาร > 323-a-0022

Remark :  
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Technical Management



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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527843  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267239-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2527843-1  
Sampled Date Apr 04, 2025 2:30 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_007\_2550 Plot Z-49 Site EBRO Valves (Thailand) Co.,Ltd.  
Date Analysis Commenced Apr 04, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 125    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 9      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunong วรณิมาสาร > 323-a-0022

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527865  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267294-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2527865-1  
Sampled Date Apr 10, 2025 9:57 AM  
Sample Description Wastewater  
Contract ID L\_WHA\_CIE1\_002\_2564 Plot B6-A Site ENRX Limited  
Date Analysis Commenced Apr 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 58.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sarawat Narapong วรณิมาสาร > 323-a-0011

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527799  
Date Received : Apr 07, 2025  
Date Reported : Apr 12, 2025  
Report Number : 3267148-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2527799-1  
Sampled Date Apr 07, 2025 2:30 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_001\_2557 Plot A-2 Site Feltri Manufacturing Co.,Ltd.  
Date Analysis Commenced Apr 07, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 91.1   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 10     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunong วรณิมาสาร > 323-a-0022

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

Lot ID: 2527884  
Date Received : Apr 04, 2025  
Date Reported : Apr 10, 2025  
Report Number : 3267327-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2527884-1   |      |           |        |                                    |  |                  |  |  |
|-----------------------------|---|------|-----------|--------|------------------------------------|--|------------------|--|--|
| Sampled Date                | Apr 04, 2025 10:05 AM   |      |           |        |                                    |  |                  |  |  |
| Sample Description          | Wastewater  |      |           |        |                                    |  |                  |  |  |
| Contract ID                 | L_WHA   | Plot | Z-59E     | Site   | FES & RAYSOAR ELECTRONICS Co.,Ltd. |  |                  |  |  |
|                             | CIE1_002_2566   |      |           |        |                                    |  |                  |  |  |
| Date Analysis Commenced     | Apr 04, 2025  |      |           |        |                                    |  |                  |  |  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                    |  |                  |  |  |
| Physical Property           | Colorless, some odour, solid and no turbid  |      |           |        |                                    |  |                  |  |  |
|                             |   |      |           |        |                                    |  |                  |  |  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification          | Method   | Testing Location |  |  |
| <b>Water Testing</b>        |   |      |           |        |                                    |  |                  |  |  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 4.0    | ≤500                               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |  |  |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                                | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |  |  |
| pH (on site) *              | -   | -    | -         | 7.7    | 5.5-9.0                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |  |  |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Fikachai Tunong วรณิณณวดี 3-323-a-0002

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วรณิณณวดี 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

Lot ID: 2527849  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267249-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2527849-1   |      |           |        |                                       |  |                  |  |  |
|-----------------------------|---|------|-----------|--------|---------------------------------------|--|------------------|--|--|
| Sampled Date                | Apr 04, 2025 10:25 AM   |      |           |        |                                       |  |                  |  |  |
| Sample Description          | Wastewater  |      |           |        |                                       |  |                  |  |  |
| Contract ID                 | L_WHA   | Plot | Z-59F     | Site   | FES International (Thailand) Co.,Ltd. |  |                  |  |  |
|                             | CIE1_002_2562   |      |           |        |                                       |  |                  |  |  |
| Date Analysis Commenced     | Apr 04, 2025  |      |           |        |                                       |  |                  |  |  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                       |  |                  |  |  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |                                       |  |                  |  |  |
|                             |   |      |           |        |                                       |  |                  |  |  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification             | Method   | Testing Location |  |  |
| <b>Water Testing</b>        |   |      |           |        |                                       |  |                  |  |  |
| BOD (5 days at 20 Degree C) | mg/L  | --   | 2.0       | 98.1   | ≤500                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |  |  |
| Oil & Grease                | mg/L  | --   | 3         | 6      | ≤10                                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |  |  |
| pH (on site) *              | --  | --   | --        | 8.1    | 5.5-9.0                               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |  |  |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Fikachai Tunong วรณิณณวดี 3-323-a-0002

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Technical Management



Senior Manager  
วรณิณณวดี 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

Lot ID: 2527874  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267309-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2527874-1   |      |           |        |                            |  |                  |  |  |
|-----------------------------|---|------|-----------|--------|----------------------------|--|------------------|--|--|
| Sampled Date                | Apr 04, 2025 10:20 AM   |      |           |        |                            |  |                  |  |  |
| Sample Description          | Wastewater  |      |           |        |                            |  |                  |  |  |
| Contract ID                 | L_WHA   | Plot | Z-59G     | Site   | FES International Co.,Ltd. |  |                  |  |  |
|                             | CIE1_002_2565   |      |           |        |                            |  |                  |  |  |
| Date Analysis Commenced     | Apr 04, 2025  |      |           |        |                            |  |                  |  |  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                            |  |                  |  |  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |                            |  |                  |  |  |
|                             |   |      |           |        |                            |  |                  |  |  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification  | Method   | Testing Location |  |  |
| <b>Water Testing</b>        |   |      |           |        |                            |  |                  |  |  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 69.7   | ≤500                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |  |  |
| Oil & Grease                | mg/L  | -    | 3         | 4      | ≤10                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |  |  |
| pH (on site) *              | -   | -    | -         | 7.7    | 5.5-9.0                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |  |  |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Fikachai Tunong วรณิณณวดี 3-323-a-0002

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Technical Management



Senior Manager  
วรณิณณวดี 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

Lot ID: 2527823  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267188-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2527823-1   |      |           |        |   |  |                  |
|-----------------------------|---|------|-----------|--------|---|--|------------------|
| Sampled Date                | Apr 10, 2025 11:04 AM   |      |           |        |   |  |                  |
| Sample Description          | Wastewater  |      |           |        |   |  |                  |
| Contract ID                 | L_CIE_011_2558  | Plot | B-6       | Site   | FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD RET |  |                  |
| Location                    | บริเวณเขตรักษาพันธุ์สัตว์ป่า  |      |           |        |   |  |                  |
| Date Analysis Commenced     | Apr 10, 2025  |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |   |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification                                     | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 145    | ≤500  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 8      | ≤10   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 8.2    | 5.5-9.0   | Standard Methods for the Examination of Water and  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Narapong วรณิณณวดี 3-323-a-0011

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Technical Management



Senior Manager  
วรณิณณวดี 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527881  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267325-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527881-1  
Sampled Date : Apr 10, 2025 3:20 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_011\_2557 Plot : D-1 Site : FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT

Date Analysis Commenced : Apr 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 27.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (D)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sarawat Narapong วรณิมาวัฒน์ > 323-a-0011

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Technical Management



Senior (4)  
วรณิมาวัฒน์ > 323-a-0028

Senior Manager  
วรณิมาวัฒน์ > 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527816  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267181-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527816-1  
Sampled Date : Apr 10, 2025 3:12 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_010\_2557 Plot : D-2 Site : FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT

Date Analysis Commenced : Apr 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 26.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (D)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sarawat Narapong วรณิมาวัฒน์ > 323-a-0011

Remark :  
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Technical Management



Senior (4)  
วรณิมาวัฒน์ > 323-a-0028

Senior Manager  
วรณิมาวัฒน์ > 323-a-0001

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3/26/2025, AL (L) up 1 (3:28PM)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527819  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267184-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527819-1  
Sampled Date : Apr 10, 2025 2:48 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_004\_2558 Plot : D-6 Site : FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT

Date Analysis Commenced : Apr 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 93.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (D)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sarawat Narapong วรณิมาวัฒน์ > 323-a-0011

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior (4)  
วรณิมาวัฒน์ > 323-a-0028

Senior Manager  
วรณิมาวัฒน์ > 323-a-0001

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3/26/2025, AL (L) up 1 (3:28PM)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527890  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267335-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527890-1  
Sampled Date : Apr 10, 2025 2:34 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_013\_2558 Plot : D-7 Site : FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT

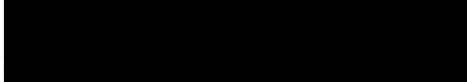
Date Analysis Commenced : Apr 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 30.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (D)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sarawat Narapong วรณิมาวัฒน์ > 323-a-0011

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior (4)  
วรณิมาวัฒน์ > 323-a-0028

Senior Manager  
วรณิมาวัฒน์ > 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527863  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267202-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number 2527863-1  
Sampled Date Apr 10, 2025 2:38 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_014\_2558 Plot D-8 Site FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT

Date Analysis Commenced Apr 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 24.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (D)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sarawat Nanyongyenditmanee +323-4-0022

Remark :  
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Technical Management



Senior Manager  
นายสมชาย นานยงยงดิษฐ์

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527833  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267200-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number 2527833-1  
Sampled Date Apr 04, 2025 10:45 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_007\_2556 Plot Z-13 Site FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT

Date Analysis Commenced Apr 04, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (D)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekkechai Tunongyenditmanee +323-4-0022

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Technical Management



Senior Manager  
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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527834  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267202-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number 2527834-1  
Sampled Date Apr 04, 2025 10:50 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_008\_2556 Plot Z-14 Site FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT

Date Analysis Commenced Apr 04, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, some odour, a lot of solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 7.0    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (D)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekkechai Tunongyenditmanee +323-4-0022

Remark :  
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Technical Management



Senior Manager  
นายสมชาย นานยงยงดิษฐ์

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527836  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267203-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number 2527836-1  
Sampled Date Apr 04, 2025 10:40 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_009\_2556 Plot Z-16-17 Site FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT

Date Analysis Commenced Apr 04, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 10.8   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (D)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekkechai Tunongyenditmanee +323-4-0022

Remark :  
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Technical Management



Senior Manager  
นายสมชาย นานยงยงดิษฐ์

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527860  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267288-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2527860-1   |      |           |        |                                  |  |                  |
|-----------------------------|---|------|-----------|--------|----------------------------------|--|------------------|
| Sampled Date                | Apr 10, 2025 11:11 AM   |      |           |        |                                  |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                  |  |                  |
| Contract ID                 | L_WHA   | Plot | B-7       | Site   | Glory Winner (Thailand) Co.,Ltd. |  |                  |
|                             | CIE1_011_2563   |      |           |        |                                  |  |                  |
|                             | Apr 10, 2025  |      |           |        |                                  |  |                  |
| Date Analysis Commenced     |   |      |           |        |                                  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                  |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |                                  |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification        | Method   | Testing Location |
| Water Testing               |   |      |           |        |                                  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 45.1   | ≤500                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 5      | ≤10                              | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |   | -    | -         | 7.5    | 5.5-9.0                          | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : สุรวุฒิ นารองยง วัฒโนมาลี 3-323-a-0011

Remark :

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Technical Management



Senior Manager  
วัฒโนมาลี 3-323-a-0028

Senior Manager  
วัฒโนมาลี 3-323-a-0001

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3267288-1, 3267288-1



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527815  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267180-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2527815-1   |      |           |        |                           |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | Apr 10, 2025 3:29 PM  |      |           |        |                           |  |                  |
| Sample Description          | Wastewater  |      |           |        |                           |  |                  |
| Contract ID                 | L_CIE_009_2550  | Plot | M-1       | Site   | Glow IPP Co.,Ltd.         |  |                  |
| Location                    | Office  |      |           |        |                           |  |                  |
| Date Analysis Commenced     | Apr 10, 2025  |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Water Testing               |   |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 16.5   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |   | -    | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : สุรวุฒิ นารองยง วัฒโนมาลี 3-323-a-0011

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วัฒโนมาลี 3-323-a-0028

Senior Manager  
วัฒโนมาลี 3-323-a-0001

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3267180-1, 3267180-1



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527858  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267287-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2527858-1   |      |           |        |                           |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | Apr 03, 2025 9:34 AM  |      |           |        |                           |  |                  |
| Sample Description          | Wastewater  |      |           |        |                           |  |                  |
| Contract ID                 | L_WHA   | Plot | BC        | Site   | Hardware King Co.,Ltd.    |  |                  |
|                             | CIE1_010_2563   |      |           |        |                           |  |                  |
| Date Analysis Commenced     | Apr 03, 2025  |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |                  |
| Physical Property           | Colorless, some odourless, solid and no turbid  |      |           |        |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 14.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |   | -    | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : สุพานาต สุกุลรัตนเมศว วัฒโนมาลี 3-323-a-0021

Remark :

- LOD : Limit of Detection
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วัฒโนมาลี 3-323-a-0028

Senior Manager  
วัฒโนมาลี 3-323-a-0001

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3267287-1, 3267287-1



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527864  
Date Received : Apr 07, 2025  
Date Reported : Apr 12, 2025  
Report Number : 3267293-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2527864-1   |      |           |        |                                |  |                  |
|-----------------------------|---|------|-----------|--------|--------------------------------|--|------------------|
| Sampled Date                | Apr 07, 2025 3:25 PM  |      |           |        |                                |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                |  |                  |
| Contract ID                 | L_WHA   | Plot | B-8       | Site   | HI-Plus Import-Export Co.,Ltd. |  |                  |
|                             | CIE1_011_2564   |      |           |        |                                |  |                  |
| Date Analysis Commenced     | Apr 07, 2025  |      |           |        |                                |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                                |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification      | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                                |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 23.3   | ≤500                           | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 3      | ≤10                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |   | -    | -         | 7.2    | 5.5-9.0                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

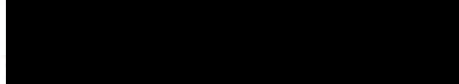
Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : เอกชาติ ทุตอง วัฒโนมาลี 3-323-a-0022

Remark :

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Technical Management



Senior Manager  
วัฒโนมาลี 3-323-a-0028

Senior Manager  
วัฒโนมาลี 3-323-a-0001

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3267293-1, 3267293-1





## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2527916  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267269-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527916-1  
Sampled Date : Apr 04, 2025 9:20 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_011\_2550 Plot : B-1 Site : Honey Well Electronic Materials (Thailand) Co.,Ltd.  
Date Analysis Commenced : Apr 04, 2025  
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and no turbid

| Analyte                                      | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>                         |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                  | mg/L | -   | 2.0       | 20.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                                 | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                               | -    | -   | -         | 7.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L | -   | 5         | 956    | ≤3000                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Ekakach Tunong วศินสุวรรณ 323-4-0022, Pattarapol Sawangjaitam วศินสุวรรณ 204-4-0002

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Technical Management



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## Analysis / Test Report

TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2527916  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267269-2

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527916-1  
Sampled Date : Apr 04, 2025 9:20 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_011\_2550 Plot : B-1 Site : Honey Well Electronic Materials (Thailand) Co.,Ltd.  
Date Analysis Commenced : Apr 05, 2025  
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and no turbid

| Analyte               | Unit | LOD    | LOQ (LOR) | Result | Guideline / Specification | Method  | Testing Location |
|-----------------------|------|--------|-----------|--------|---------------------------|---|------------------|
| <b>Metals Testing</b> |      |        |           |        |                           |   |                  |
| Nickel                | mg/L | 0.0003 | 0.0005    | 0.11   | ≤1.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Ekakach Tunong วศินสุวรรณ 323-4-0022, Pattarapol Sawangjaitam วศินสุวรรณ 204-4-0002

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2527862  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267291-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527862-1  
Sampled Date : Apr 04, 2025 3:40 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA\_CIE1\_016\_2563 Plot : Z-63 Site : Imanaka (Thailand) Co.,Ltd.  
Date Analysis Commenced : Apr 04, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 66.8   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Ekakach Tunong วศินสุวรรณ 323-4-0022

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
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Thailand 20230

Lot ID: 2527802  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267152-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527802-1  
Sampled Date : Apr 10, 2025 10:14 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_012\_2550 Plot : A-7 Site : In-Season Foods Ltd.  
Date Analysis Commenced : Apr 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 78.8   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Surawit Neeapong วศินสุวรรณ 323-4-0011

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2527910  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267262-1

Page 1 of 1

Sample Number : 2527910-1  
Sampled Date : Apr 03, 2025 2:59 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_002\_2558 Plot : M-2 Site : Insee Ecocycle Co.,Ltd.  
Date Analysis Commenced : Apr 03, 2025  
Condition of Sample : Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards.  
(APIA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing                                    |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L | -   | 2.0       | 40.6   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| COD  | mg/L | 1.5 | 25        | 146    | ≤750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                     | mg/L | -   | 3         | 8      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -    | -   | -         | 7.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | -   | 5         | 32     | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak วัฒณานัท 323-4-0022

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Technical Management



Senior Manager  
วัฒณานัท 323-4-0028

Senior Manager  
วัฒณานัท 323-4-0001

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## Analysis / Test Report

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Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2527841  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267221-1

Page 1 of 1

Sample Number : 2527841-1  
Sampled Date : Apr 04, 2025 11:10 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_003\_2561 Plot : Z-40 Site : ISHWAR PROFILES (THAILAND) Co.,Ltd.  
Date Analysis Commenced : Apr 04, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APIA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 5.6    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunong วัฒณานัท 323-4-0022

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Technical Management



Senior Manager  
วัฒณานัท 323-4-0028

Senior Manager  
วัฒณานัท 323-4-0001

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## Analysis / Test Report

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Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2527902  
Date Received : Apr 04, 2025  
Date Reported : Apr 17, 2025  
Report Number : 3283093-1

Page 1 of 1

Sample Number : 2527902-1  
Sampled Date : Apr 04, 2025 10:33 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_016\_2561 Plot : Z-18 Site : KIMSONG ARTIWOOD Co.,Ltd.  
Date Analysis Commenced : Apr 04, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APIA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 67.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Free residual chlorine      | mg/L | -   | 0.01      | 0.1    | <1                        | Waterworks analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004                                 | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 6      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunong วัฒณานัท 323-4-0022

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.  
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วัฒณานัท 323-4-0028

Senior Manager  
วัฒณานัท 323-4-0001

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ISO/IEC 17025



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2527844  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267241-1

Page 1 of 1

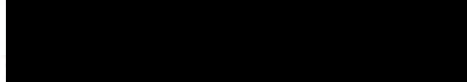
Sample Number : 2527844-1  
Sampled Date : Apr 04, 2025 9:50 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_016\_2557 Plot : Z-59A Site : Kintetsu Logistics (Thailand) Co.,Ltd.  
Date Analysis Commenced : Apr 04, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APIA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 40.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <1     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunong วัฒณานัท 323-4-0022

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วัฒณานัท 323-4-0028

Senior Manager  
วัฒณานัท 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2527805  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267155-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number               | 2527805-1   |      |           |        |                             |   |                  |
|-----------------------------|---|------|-----------|--------|-----------------------------|---|------------------|
| Sampled Date                | Apr 10, 2025 10:36 AM   |      |           |        |                             |   |                  |
| Sample Description          | Wastewater  |      |           |        |                             |   |                  |
| Contract ID                 | L_CIE_001_2556  | Plot | B-11C     | Site   | Kuryama (Thailand) Co.,Ltd. |   |                  |
| Date Analysis Commenced     | Apr 10, 2025  |      |           |        |                             |   |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                             |   |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |                             |   |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification   | Method  | Testing Location |
| Water Testing               |   |      |           |        |                             |   |                  |
| BOD (5 days at 20 Degree C) | mg/L  | —    | 2.0       | 66.9   | ≤500                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O <sub>2</sub> G | Rayong           |
| Oil & Grease                | mg/L  | —    | 3         | 9      | ≤10                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                               | Rayong           |
| pH (on site) *              | —   | —    | —         | 7.5    | 5.5-9.0                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)                         | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narapong วรณิธนากร >323-a-0011

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Signature (V)  
วรณิธนากร >323-a-0028

Senior Manager  
วรณิธนากร >323-a-0001

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3267155-1 (202504)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2527914  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267264-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

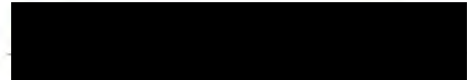
Page 1 of 1

| Sample Number                                | 2527914-1  |      |           |        |                            |   |                  |
|--|--|------|-----------|--------|----------------------------|---|------------------|
| Sampled Date                                 | Apr 10, 2025 1:52 PM   |      |           |        |                            |   |                  |
| Sample Description                           | Wastewater   |      |           |        |                            |   |                  |
| Contract ID                                  | L_CIE_020_2550   | Plot | Z-3       | Site   | Kyoden (Thailand) Co.,Ltd. |   |                  |
| Location                                     | Factory 1  |      |           |        |                            |   |                  |
| Date Analysis Commenced                      | Apr 10, 2025   |      |           |        |                            |   |                  |
| Condition of Sample                          | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                            |   |                  |
| Physical Property                            | Yellow, some odour, a lot of solid and some turbid   |      |           |        |                            |   |                  |
| Analyte                                      | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification  | Method  | Testing Location |
| Water Testing                                |  |      |           |        |                            |   |                  |
| BOD (5 days at 20 Degree C)                  | mg/L   | -    | 2.0       | 24.8   | ≤500                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O <sub>2</sub> G | Rayong           |
| Oil & Grease                                 | mg/L   | -    | 3         | <3     | ≤10                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                               | Rayong           |
| pH (on site) *                               | -  | -    | -         | 7.7    | 5.5-9.0                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)                         | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L   | -    | 5         | 420    | ≤3000                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                               | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narapong วรณิธนากร >323-a-0011, Pattarapol Sawangjittam วรณิธนากร >204-a-0002

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Signature (V)  
วรณิธนากร >323-a-0028

Senior Manager  
วรณิธนากร >323-a-0001

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3267264-1 (202504)



## Analysis / Test Report



TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2527914  
Date Received : Apr 10, 2025  
Date Reported : Apr 12, 2025  
Report Number : 3267264-2

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number           | 252791-1   |        |           |        |                            |  |                  |
|-------------------------|--|--------|-----------|--------|----------------------------|--|------------------|
| Sampled Date            | Apr 10, 2025 1:52 PM   |        |           |        |                            |  |                  |
| Sample Description      | Wastewater   |        |           |        |                            |  |                  |
| Contract ID             | L_CIE_020_2550   | Plot   | Z-3       | Site   | Kyoden (Thailand) Co.,Ltd. |  |                  |
| Location                | Factory 1  |        |           |        |                            |  |                  |
| Date Analysis Commenced | Apr 11, 2025   |        |           |        |                            |  |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |        |                            |  |                  |
| Physical Property       | Yellow, some odour, a lot of solid and some turbid   |        |           |        |                            |  |                  |
| Analyte                 | Unit   | LOD    | LOQ (LOR) | Result | Guideline / Specification  | Method   | Testing Location |
| Metals Testing          |  |        |           |        |                            |  |                  |
| Copper                  | mg/L   | 0.0003 | 0.0005    | 0.12   | ≤2.0                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3100 F | Bangkok          |
| Nickel                  | mg/L   | 0.0003 | 0.0005    | 0.006  | ≤1.0                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3100 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narapong วรณิธนากร >323-a-0011, Pattarapol Sawangjittam วรณิธนากร >204-a-0002

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Manager  
วรณิธนากร >204-a-0007

Assistant General Manager  
วรณิธนากร >204-a-0004

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3267264-2 (202504)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2527915  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267267-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

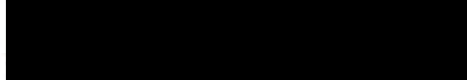
Page 10 of 11

| Sample Number                                | 2527915-1  |      |           |        |                            |   |                  |
|--|--|------|-----------|--------|----------------------------|---|------------------|
| Sampled Date                                 | Apr 10, 2025 2:10 PM   |      |           |        |                            |   |                  |
| Sample Description                           | Wastewater   |      |           |        |                            |   |                  |
| Contract ID                                  | L_CIE_021_2550   | Plot | Z-6       | Site   | Kyoden (Thailand) Co.,Ltd. |   |                  |
| Location                                     | Factory 2  |      |           |        |                            |   |                  |
| Date Analysis Commenced                      | Apr 10, 2025   |      |           |        |                            |   |                  |
| Condition of Sample                          | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                            |   |                  |
| Physical Property                            | Yellow, some odour, solid and turbid   |      |           |        |                            |   |                  |
| Analyte                                      | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification  | Method  | Testing Location |
| <b>Water Testing</b>                         |  |      |           |        |                            |   |                  |
| BOD (5 days at 20 Degree C)                  | mg/L   | -    | 2.0       | 19.7   | ≤500                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O <sub>2</sub> G | Rayong           |
| Oil & Grease                                 | mg/L   | -    | 3         | <3     | ≤10                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                               | Rayong           |
| pH (on site) *                               | -  | -    | -         | 7.9    | 5.5-9.0                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)                         | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L   | -    | 5         | 296    | ≤3000                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                               | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narapong วรณิธนากร >323-a-0011, Pattarapol Sawangjittam วรณิธนากร >204-a-0002

Remark :  
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Technical Management



Signature (V)  
วรณิธนากร >323-a-0028

Senior Manager  
วรณิธนากร >323-a-0001

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3267267-1 (202504)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1



TESTING  
No.0009

Lot ID: 2527915  
Date Received : Apr 10, 2025  
Date Reported : Apr 12, 2025  
Report Number : 3267267-2

Page 1 of 1

| Sample Number           | 2527915-1  |        |           |        |                           |  |                  |
|-------------------------|--|--------|-----------|--------|---------------------------|--|------------------|
| Sampled Date            | Apr 10, 2025 2:10 PM   |        |           |        |                           |  |                  |
| Sample Description      | Wastewater   |        |           |        |                           |  |                  |
| Contract ID             | L_CIE_001_2550   | Plot   | Z-6       | Site   | Kyodm (Thailand) Co.,Ltd. |  |                  |
| Location                | Factory 2  |        |           |        |                           |  |                  |
| Date Analysis Commenced | Apr 11, 2025   |        |           |        |                           |  |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |        |                           |  |                  |
| Physical Property       | Yellow, some odour, solid and turbid   |        |           |        |                           |  |                  |
| Analyte                 | Unit   | LOD    | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Metals Testing          |  |        |           |        |                           |  |                  |
| Copper                  | mg/L   | 0.0003 | 0.0005    | 0.35   | ≤2.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F | Bangkok          |
| Nickel                  | mg/L   | 0.0003 | 0.0005    | 0.003  | ≤1.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : สุรวุฒิ นารองงษ์ ๖323-๔-0011, พัทธดนย์ พงษ์พานิช ๖323-๔-0002

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Technical Management



Senior Manager  
๖323-๔-0002

Senior Manager  
๖323-๔-0004

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0127-1237 (THAILAND)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2527803  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267153-1

Page 1 of 1

| Sample Number               | 2527803-1   |      |           |        |                                     |  |                  |
|-----------------------------|---|------|-----------|--------|-------------------------------------|--|------------------|
| Sampled Date                | Apr 03, 2025 3:36 PM  |      |           |        |                                     |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                     |  |                  |
| Contract ID                 | L_CIE_001_2554  | Plot | A-5/1     | Site   | Laem Chabang Tank Services Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Apr 03, 2025  |      |           |        |                                     |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                     |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and no turbid  |      |           |        |                                     |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification           | Method   | Testing Location |
| Water Testing               |   |      |           |        |                                     |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 218    | ≤500                                | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 8      | ≤10                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.5    | 5.5-9.0                             | Standard Methods for the Examination of Water and  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : สุพนันท์ สกุลคิตติเมศวกร ๖323-๔-0001

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
๖323-๔-0028

Senior Manager  
๖323-๔-0001

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0127-1237 (THAILAND)

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2527809  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267174-1

Page 1 of 1

| Sample Number               | 2527809-1   |      |           |        |                               |  |                  |
|-----------------------------|---|------|-----------|--------|-------------------------------|--|------------------|
| Sampled Date                | Apr 10, 2025 10:03 AM   |      |           |        |                               |  |                  |
| Sample Description          | Wastewater  |      |           |        |                               |  |                  |
| Contract ID                 | L_CIE_001_2551  | Plot | B-7       | Site   | Lungka Products Asia Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Apr 10, 2025  |      |           |        |                               |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                               |  |                  |
| Physical Property           | Yellow, some odour, solid and no turbid   |      |           |        |                               |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification     | Method   | Testing Location |
| Water Testing               |   |      |           |        |                               |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | <2.0   | ≤500                          | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                           | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.4    | 5.5-9.0                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : สุรวุฒิ นารองงษ์ ๖323-๔-0011

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
๖323-๔-0028

Senior Manager  
๖323-๔-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2527882  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267326-1

Page 1 of 1

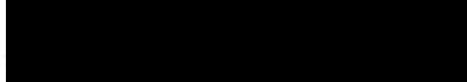
| Sample Number               | 2527882-1   |      |           |        |   |  |                  |
|-----------------------------|---|------|-----------|--------|---|--|------------------|
| Sampled Date                | Apr 03, 2025 1:32 PM  |      |           |        |   |  |                  |
| Sample Description          | Wastewater  |      |           |        |   |  |                  |
| Contract ID                 | L_WHA_CIE1_001_2566   | Plot | F-14      | Site   | MAX METAL INTERNATIONAL COMPANY LIMITED |  |                  |
| Date Analysis Commenced     | Apr 03, 2025  |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |   |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 18.8   | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.3    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : สุพนันท์ สกุลคิตติเมศวกร ๖323-๔-0001

Remark :  
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Technical Management



Senior Manager  
๖323-๔-0028

Senior Manager  
๖323-๔-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527847  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267246-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2527847-1  
Sampled Date Apr 04, 2025 10:30 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_001\_2560 Plot Z.57 Site Muntons Ingredients (Thailand) Co.,Ltd.  
Date Analysis Commenced Apr 04, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 20.5   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunyong วังเดิมสุวรรณฯ 323-4-0022

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Signature (4)  
วณิดเมธวาทย์ 323-4-0028

Senior Manager  
วณิดเมธวาทย์ 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527817  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267182-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2527817-1  
Sampled Date Apr 03, 2025 3:19 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_012\_2557 Plot C-2,3,4 Site Nakagawa Special Steel (Thailand) Co.,Ltd.  
Date Analysis Commenced Apr 03, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 19.5   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak วังเดิมสุวรรณฯ 323-4-0021

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Technical Management



Signature (4)  
วณิดเมธวาทย์ 323-4-0028

Senior Manager  
วณิดเมธวาทย์ 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527886  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267329-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2527886-1  
Sampled Date Apr 03, 2025 3:43 PM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_005\_2566 Plot K2 Site NANYONG TERMINAL PUBLIC COMPANY LIMITED  
Date Analysis Commenced Apr 03, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 115    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak วังเดิมสุวรรณฯ 323-4-0021

Remark :  
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Technical Management



Signature (4)  
วณิดเมธวาทย์ 323-4-0028

Senior Manager  
วณิดเมธวาทย์ 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527894  
Date Received : Apr 07, 2025  
Date Reported : Apr 12, 2025  
Report Number : 3267339-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

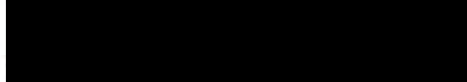
Sample Number 2527894-1  
Sampled Date Apr 07, 2025 2:45 PM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_004\_2567 Plot A,9A, A10 Site NBC Meshtec (Thailand) Co.,Ltd.  
Date Analysis Commenced Apr 07, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 56.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekachai Tunyong วังเดิมสุวรรณฯ 323-4-0022

Remark :  
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Technical Management



Signature (4)  
วณิดเมธวาทย์ 323-4-0028

Senior Manager  
วณิดเมธวาทย์ 323-4-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2527821  
Date Received : Apr 07, 2025  
Date Reported : Apr 12, 2025  
Report Number : 3267186-1

Page 1 of 1

Sample Number 2527821-1  
Sampled Date Apr 07, 2025 2:35 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_002\_2560 Plot A-8A Site NBC Meshtec (Thailand) Co.,Ltd.  
Date Analysis Commenced Apr 07, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 10.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Ekkachai Tunyong วศินิพนธ์ 323-4-0022

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Technical Management



Senior Manager  
วศินิพนธ์ 323-4-0001

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3/19/2025, AE, 01, up 1 6:33PM



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
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Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2527873  
Date Received : Apr 07, 2025  
Date Reported : Apr 12, 2025  
Report Number : 3267307-1

Page 1 of 1

Sample Number 2527873-1  
Sampled Date Apr 07, 2025 3:00 PM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_001\_2565 Plot B-11D Site Nichey Aaa (Thailand) Co.,Ltd.  
Date Analysis Commenced Apr 07, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 81.8   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 6      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Ekkachai Tunyong วศินิพนธ์ 323-4-0022

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วศินิพนธ์ 323-4-0001

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3/19/2025, AE, 01, up 1 6:43PM



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2527826  
Date Received : Apr 07, 2025  
Date Reported : Apr 12, 2025  
Report Number : 3267192-1

Page 1 of 1

Sample Number 2527826-1  
Sampled Date Apr 07, 2025 2:05 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_006\_2560 Plot K-1 Site Nikser MC Aluminium Co.,Ltd.  
Date Analysis Commenced Apr 07, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 56.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Ekkachai Tunyong วศินิพนธ์ 323-4-0022

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.  
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วศินิพนธ์ 323-4-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2527820  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267185-1

Page 1 of 1

Sample Number 2527820-1  
Sampled Date Apr 03, 2025 3:20 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_005\_2558 Plot A-5/2 Site Nual Chaiwee Engineering Co.,Ltd.  
Date Analysis Commenced Apr 03, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, solid and turbid

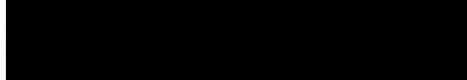
| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 212    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanak Sakulthumrak วศินิพนธ์ 323-4-0021

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วศินิพนธ์ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527889  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267333-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527889-1  
Sampled Date : Apr 10, 2025 9:52 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_008\_2566 Plot : B.60 Site : Pegasus Corporation Co.,Ltd.  
Date Analysis Commenced : Apr 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 29.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Nanyong วรณิณานนท์ 3-323-a-0011

Remark :

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วรณิณานนท์ 3-323-a-0028

Senior Manager  
วรณิณานนท์ 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527892  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267337-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527892-1  
Sampled Date : Apr 10, 2025 10:24 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_002\_2567 Plot : B.12A Site : PRISM TELECOM ASIA LIMITED  
Date Analysis Commenced : Apr 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 12.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

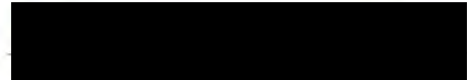
Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Nanyong วรณิณานนท์ 3-323-a-0011

Remark :

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วรณิณานนท์ 3-323-a-0028

Senior Manager  
วรณิณานนท์ 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527813  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267178-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527813-1  
Sampled Date : Apr 03, 2025 2:46 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_014\_2560 Plot : D-12/2A Site : S.O. TANK CLEANING TERMINAL Co.,Ltd.  
Date Analysis Commenced : Apr 03, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 43.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 0      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattimawak วรณิณานนท์ 3-323-a-0021

Remark :

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Technical Management



Senior Manager  
วรณิณานนท์ 3-323-a-0028

Senior Manager  
วรณิณานนท์ 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527840  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267219-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527840-1  
Sampled Date : Apr 04, 2025 1:48 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_010\_2556 Plot : Z-32 Site : Sail Industry (Thailand) Co.,Ltd.  
Date Analysis Commenced : Apr 04, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 64.1   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

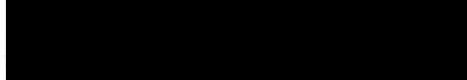
Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Ekachai Tunong วรณิณานนท์ 3-323-a-0022

Remark :

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วรณิณานนท์ 3-323-a-0028

Senior Manager  
วรณิณานนท์ 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2527893  
Date Received : Apr 04, 2025  
Date Reported : Apr 10, 2025  
Report Number : 3267338-1

Page 1 of 1

| Sample Number               | 2527893-1  |      |            |        |  |  |                  |
|-----------------------------|--|------|------------|--------|--|--|------------------|
| Sampled Date                | Apr 04, 2025 1:58 PM   |      |            |        |  |  |                  |
| Sample Description          | Wastewater   |      |            |        |  |  |                  |
| Contract ID                 | L_WHA<br>CIE1_003_2567   | Plot | Z.25, Z.26 | Site   | SAIL INDUSTRY (THAILAND) COMPANY LIMITED |  |                  |
| Date Analysis Commenced     | Apr 04, 2025   |      |            |        |  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.<br>(APHA / USEPA) |      |            |        |  |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid  |      |            |        |  |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR)  | Result | Guideline / Specification                | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |            |        |  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | —    | 2.0        | 44.9   | ≤500                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | —    | 3          | <3     | ≤10                                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | —  | —    | —          | 7.7    | 5.5-9.0                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Ekkechai Tunong wutthanasarn > 323-a-0022

Remark :  
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Technical Management



Senior Manager  
wutthanasarn > 323-a-0028

Senior Manager  
wutthanasarn > 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2527839  
Date Received : Apr 04, 2025  
Date Reported : Apr 11, 2025  
Report Number : 3267218-1

Page 1 of 1

| Sample Number               | 2527839-1  |      |           |        |                                     |  |                  |
|-----------------------------|--|------|-----------|--------|-------------------------------------|--|------------------|
| Sampled Date                | Apr 04, 2025 1:42 PM   |      |           |        |                                     |  |                  |
| Sample Description          | Wastewater   |      |           |        |                                     |  |                  |
| Contract ID                 | L_CIE_032_2550   | Plot | Z-33      | Site   | Sakura Industry (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Apr 04, 2025   |      |           |        |                                     |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.<br>(APHA / USEPA) |      |           |        |                                     |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and turbid   |      |           |        |                                     |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification           | Method   | Testing Location |
| Water Testing               |  |      |           |        |                                     |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 180    | ≤500                                | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | 5      | ≤10                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.9    | 5.5-9.0                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Ekkechai Tunong wutthanasarn > 323-a-0022

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
wutthanasarn > 323-a-0028

Senior Manager  
wutthanasarn > 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2527905  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267257-1

Page 1 of 1

| Sample Number                                   | 2527905-1  |      |              |        |  |  |                     |
|---|--|------|--------------|--------|--|--|---------------------|
| Sampled Date                                    | Apr 03, 2025 11:33 AM  |      |              |        |  |  |                     |
| Sample Description                              | Wastewater   |      |              |        |  |  |                     |
| Contract ID                                     | L_CIE_001_2555   | Plot | C-5,6        | Site   | SANG CHAREON EASTERN GALVANIZE CO.,LTD |  |                     |
| Date Analysis Commenced                         | Apr 03, 2025   |      |              |        |  |  |                     |
| Condition of Sample<br>(APHA / USEPA)           | Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards. |      |              |        |  |  |                     |
| Physical Property                               | Yellow, a lot of odour, solid, and turbid  |      |              |        |  |  |                     |
| Analyte   | Unit   | LOD  | LOQ<br>(LOR) | Result | Guideline /<br>Specification           | Method   | Testing<br>Location |
| Water Testing                                   |  |      |              |        |  |  |                     |
| BOD (5 days at 20 Degree C)                     | mg/L   | -    | 2.0          | 103    | ≤500                                   | Standard Methods for the<br>Examination of Water and<br>Wastewater. APHA, AWWA & WEF,<br>24th ed., 2023, part 5210 B, part<br>4500 - O G | Rayong              |
| COD   | mg/L   | 1.5  | 25           | 436    | <750                                   | Standard Methods for the<br>Examination of Water and<br>Wastewater. APHA, AWWA & WEF,<br>24th ed., 2023, part 5220 D                     | Rayong              |
| Oil & Grease                                    | mg/L   | -    | 3            | 8      | ≤10                                    | Standard Methods for the<br>Examination of Water and<br>Wastewater. APHA, AWWA & WEF,<br>24th ed., 2023, part 5220 B                     | Rayong              |
| pH (on site) *                                  | -  | -    | -            | 7.8    | 5.5-9.0                                | Standard Methods for the<br>Examination of Water and<br>Wastewater. APHA, AWWA & WEF,<br>24th ed., 2023, part 4500 - H (B)               | Rayong              |
| Total Dissolved Solids Dried at 180<br>degree C | mg/L   | -    | 5            | 376    | ≤3000                                  | Standard Methods for the<br>Examination of Water and<br>Wastewater. APHA, AWWA & WEF,<br>24th ed., 2023, part 2540 C                     | Rayong              |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sukolattanasak wutthanasarn > 323-a-0021, Pattarapol Sawangjiam wutthanasarn > 204-a-0002

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.  
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
wutthanasarn > 323-a-0028

Senior Manager  
wutthanasarn > 323-a-0001

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3/10wutthasarn, AL, AL, opt (1-0-0000)



## Analysis / Test Report



TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2527905  
Date Received : Apr 03, 2025  
Date Reported : Apr 10, 2025  
Report Number : 3267257-2

Page 1 of 1

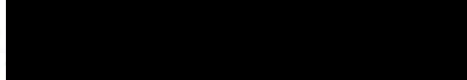
| Sample Number           | 2527905-1  |        |           |        |  |  |                  |
|-------------------------|--|--------|-----------|--------|--|--|------------------|
| Sampled Date            | Apr 03, 2025 11:33 AM  |        |           |        |  |  |                  |
| Sample Description      | Wastewater   |        |           |        |  |  |                  |
| Contract ID             | L_CIE_001_2555   | Plot   | C-5,6     | Site   | SANG CHAREON EASTERN GALVANIZE CO.,LTD |  |                  |
| Date Analysis Commenced | Apr 04, 2025   |        |           |        |  |  |                  |
| Condition of Sample     | Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.<br>(APHA / USEPA) |        |           |        |  |  |                  |
| Physical Property       | Yellow, a lot of odour, solid, and turbid  |        |           |        |  |  |                  |
| Analyte                 | Unit   | LOD    | LOQ (LOR) | Result | Guideline / Specification              | Method   | Testing Location |
| <b>Metals Testing</b>   |  |        |           |        |  |  |                  |
| Nickel                  | mg/L   | 0.0003 | 0.0005    | 0.007  | ≤1.0                                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |
| Zinc                    | mg/L   | 0.0003 | 0.0005    | 1.00   | <5.0                                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sukolattanasak wutthanasarn > 323-a-0021, Pattarapol Sawangjiam wutthanasarn > 204-a-0002

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
wutthanasarn > 323-a-0028

Senior Manager  
wutthanasarn > 204-a-0004

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## Analysis / Test Report



TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Lot ID: 2527905  
Date Received : Apr 03, 2025  
Date Reported : Apr 10, 2025  
Report Number : 3267257-3

Page 1 of 1

Sample Number : 2527905-1  
Sampled Date : Apr 03, 2025 11:33 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2555 Plot : C-5,6 Site : SANG CHAREON EASTERN GALVANIZE CO.,LTD.  
Date Analysis Commenced : Apr 04, 2025  
Condition of Sample : Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid, and turbid

| Analyte        | Unit | LOD   | LOQ (LOD) | Result | Guideline / Specification | Method   | Testing Location |
|----------------|------|-------|-----------|--------|---------------------------|--|------------------|
| Metals Testing |      |       |           |        |                           |  |                  |
| Iron           | mg/L | 0.003 | 0.005     | 2.51   | ≤10.0                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 31.25 B, 3100 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak, Pattarapol Sawangjatan

Remark :  
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Manager

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Lot ID: 2527832  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267199-1

Page 1 of 1

Sample Number : 2527832-1  
Sampled Date : Apr 03, 2025 1:47 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_018\_2557 Plot : F-15 Site : SET (Thailand) Co.,Ltd.  
Date Analysis Commenced : Apr 03, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOD) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 41.6   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 3      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak, วศินวัฒน์ 323-4-0021

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Technical Management

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Lot ID: 2527831  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267198-1

Page 1 of 1

Sample Number : 2527831-1  
Sampled Date : Apr 03, 2025 2:15 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_017\_2557 Plot : F-10 Site : Shinsei Koki (Thailand) Corporation Limited.  
Date Analysis Commenced : Apr 03, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOD) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 18.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak, วศินวัฒน์ 323-4-0021

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Technical Management

Scientist (4)  
วศินวัฒน์ 323-4-0028

Senior Manager  
วศินวัฒน์ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Lot ID: 2527807  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267171-1

Page 1 of 1

Sample Number : 2527807-1  
Sampled Date : Apr 03, 2025 11:20 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_017\_2550 Plot : B-3 Site : Shinwa Kogyo (Thailand) Co.,Ltd.  
Date Analysis Commenced : Apr 03, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOD) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 15.5   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak, วศินวัฒน์ 323-4-0021

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Scientist (4)  
วศินวัฒน์ 323-4-0028

Senior Manager  
วศินวัฒน์ 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527811  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267176-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2527811-1  
Sampled Date Apr 03, 2025 2:26 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_018\_2550 Plot D-13/2 Site Siam Steel Mill Services Ltd.  
Date Analysis Commenced Apr 03, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and a lot of turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 19.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak ๖๓๓๓๓๓๓๓ ๖ 323-๔-0021

Remark :  
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Technical Management



Senior Manager  
๖๓๓๓๓๓๓๓ ๖ 323-๔-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527806  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267169-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2527806-1  
Sampled Date Apr 10, 2025 10:30 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_004\_2557 Plot B-11A Site SPF (Thailand) Co.,Ltd.  
Date Analysis Commenced Apr 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 18.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narapong ๖๓๓๓๓๓๓๓ ๖ 323-๔-0011

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
๖๓๓๓๓๓๓๓ ๖ 323-๔-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527810  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267175-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2527810-1  
Sampled Date Apr 10, 2025 3:05 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_019\_2550 Plot D-4 Site Taisei Plas (Thailand) Co.,Ltd.  
Date Analysis Commenced Apr 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 89.7   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narapong ๖๓๓๓๓๓๓๓ ๖ 323-๔-0011

Remark :  
- LOD : Limit of Detection  
- \*C\* : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
๖๓๓๓๓๓๓๓ ๖ 323-๔-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2527818  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267183-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2527818-1  
Sampled Date Apr 03, 2025 1:07 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_003\_2558 Plot H-3 Site Tayeh Kenmos Auto Parts (Thailand) Co.,Ltd.  
Date Analysis Commenced Apr 03, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 129    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 6.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak ๖๓๓๓๓๓๓๓ ๖ 323-๔-0021

Remark :  
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Technical Management



Senior Manager  
๖๓๓๓๓๓๓๓ ๖ 323-๔-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2527837  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267342-1

Page 1 of 1

| Sample Number               | 2527837-1   |      |           |        |   |  |                  |
|-----------------------------|---|------|-----------|--------|---|--|------------------|
| Sampled Date                | Apr 10, 2025 2:59 PM  |      |           |        |   |  |                  |
| Sample Description          | Wastewater  |      |           |        |   |  |                  |
| Contract ID                 | L_WHA<br>CIE1_001_2568  | Plot | D.5/1     | Site   | TETAR TECHNOLOGY (THAILAND) COMPANY LIMITED |  |                  |
| Date Analysis Commenced     | Apr 10, 2025  |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |   |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification                   | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 164    | ≤500  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 7      | ≤10   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 8.3    | 5.5-9.0                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Narapong วรณิณวัฒน์ > 323-4-0011

- Remark :
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  - Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (4)  
วรณิณวัฒน์ > 323-4-0028

Senior Manager  
วรณิณวัฒน์ > 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2527812  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267177-1

Page 1 of 1

| Sample Number               | 2527812-1   |      |           |        |                           |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | Apr 03, 2025 2:40 PM  |      |           |        |                           |  |                  |
| Sample Description          | Wastewater  |      |           |        |                           |  |                  |
| Contract ID                 | L_CIE_007_2558  | Plot | D-12/1A   | Site   | THAI ESCORP LTD.          |  |                  |
| Date Analysis Commenced     | Apr 03, 2025  |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Water Testing               |   |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 41.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak วรณิณวัฒน์ > 323-4-0021

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Technical Management



Scientist (4)  
วรณิณวัฒน์ > 323-4-0028

Senior Manager  
วรณิณวัฒน์ > 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2527906  
Date Received : Apr 10, 2025  
Date Reported : Apr 16, 2025  
Report Number : 3267269-1

Page 1 of 1

| Sample Number                                    | 2527906-1   |      |           |        |                              |  |                  |
|--|---|------|-----------|--------|------------------------------|--|------------------|
| Sampled Date                                     | Apr 10, 2025 1:37 PM  |      |           |        |                              |  |                  |
| Sample Description                               | Wastewater  |      |           |        |                              |  |                  |
| Contract ID                                      | L_CIE_001_2559  | Plot | D-9       | Site   | Thai Huawee Battery Co.,Ltd. |  |                  |
| Date Analysis Commenced                          | Apr 10, 2025  |      |           |        |                              |  |                  |
| Condition of Sample                              | Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |      |           |        |                              |  |                  |
| Physical Property                                | Yellow, some odour, solid and no turbid   |      |           |        |                              |  |                  |
| Analyte  | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification    | Method   | Testing Location |
| Water Testing                                    |   |      |           |        |                              |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L  | -    | 2.0       | <2.0   | ≤500                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| COD  | mg/L  | 1.5  | 25        | <25    | <750                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                     | mg/L  | -    | 3         | <3     | ≤10                          | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -   | -    | -         | 7.5    | 5.5-9.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Dissolved Solids Dried at 180 degree C     | mg/L  | -    | 5         | 140    | ≤3000                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L  | -    | 5         | <5     | ≤200                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Narapong วรณิณวัฒน์ > 323-4-0011, Pattarapong Sawangjaitam วรณิณวัฒน์ > 204-4-0002

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Technical Management



Scientist (4)  
วรณิณวัฒน์ > 323-4-0028

Senior Manager  
วรณิณวัฒน์ > 323-4-0001

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## Analysis / Test Report



TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2527906  
Date Received : Apr 10, 2025  
Date Reported : Apr 12, 2025  
Report Number : 3267269-2

Page 1 of 1

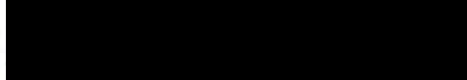
| Sample Number           | 2527906-1   |        |           |        |                              |  |                  |
|-------------------------|---|--------|-----------|--------|------------------------------|--|------------------|
| Sampled Date            | Apr 10, 2025 1:37 PM  |        |           |        |                              |  |                  |
| Sample Description      | Wastewater  |        |           |        |                              |  |                  |
| Contract ID             | L_CIE_001_2559  | Plot   | D-9       | Site   | Thai Huawee Battery Co.,Ltd. |  |                  |
| Date Analysis Commenced | Apr 11, 2025  |        |           |        |                              |  |                  |
| Condition of Sample     | Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |        |           |        |                              |  |                  |
| Physical Property       | Yellow, some odour, solid and no turbid   |        |           |        |                              |  |                  |
| Analyte                 | Unit  | LOD    | LOQ (LOR) | Result | Guideline / Specification    | Method   | Testing Location |
| Metals Testing          |   |        |           |        |                              |  |                  |
| Lead                    | mg/L  | 0.0003 | 0.0005    | 0.002  | ≤0.2                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawat Narapong วรณิณวัฒน์ > 323-4-0011, Pattarapong Sawangjaitam วรณิณวัฒน์ > 204-4-0002

- Remark :
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Technical Management



Scientist (4)  
วรณิณวัฒน์ > 204-4-0002

Senior Manager  
วรณิณวัฒน์ > 204-4-0004

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachua, Chonburi  
Thailand 20230

Lot ID: 2527888  
Date Received : Apr 04, 2025  
Date Reported : Apr 04, 2025  
Report Number : 3267332-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527888-1  
Sampled Date : Apr 04, 2025 1:35 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_007\_2566 Plot : Z-21 Site : TOOLS INTERNATIONAL (THAILAND) Co.,Ltd.  
Date Analysis Commenced : Apr 04, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : Yellow, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 5.7    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekkachai Tunong วังเดิมสุวรรณ 323-4-0022

Remark :  
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Technical Management

Scientist (4)  
วณิดเมธวาทย์ 323-4-0028  
Senior Manager  
วณิดเมธวาทย์ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachua, Chonburi  
Thailand 20230

Lot ID: 2527828  
Date Received : Apr 03, 2025  
Date Reported : Apr 09, 2025  
Report Number : 3267193-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527828-1  
Sampled Date : Apr 03, 2025 2:20 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_023\_2550 Plot : F-9 Site : Van Leeuwen Pipe and Tube (Thailand) Ltd.  
Date Analysis Commenced : Apr 03, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 54.6   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 6      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak วังเดิมสุวรรณ 323-4-0021

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Scientist (4)  
วณิดเมธวาทย์ 323-4-0028  
Senior Manager  
วณิดเมธวาทย์ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachua, Chonburi  
Thailand 20230

Lot ID: 2527879  
Date Received : Apr 07, 2025  
Date Reported : Apr 12, 2025  
Report Number : 3267319-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2527879-1  
Sampled Date : Apr 07, 2025 3:15 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_006\_2565 Plot : B-10C Site : V-SACHET Co.,Ltd.  
Date Analysis Commenced : Apr 07, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 59.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 9      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Ekkachai Tunong วังเดิมสุวรรณ 323-4-0022

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Scientist (4)  
วณิดเมธวาทย์ 323-4-0028  
Senior Manager  
วณิดเมธวาทย์ 323-4-0001

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RIGHT SOLUTIONS RIGHT PARTNER

0127-123 (THAILAND)

3267319-1 (THAILAND)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachua, Chonburi  
Thailand 20230

Lot ID: 2536524  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291813-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536524-1  
Sampled Date : May 09, 2025 10:43 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_004\_2565 Plot : Z-598 Site : AIR INTERNATIONAL THERMAL SYSTEMS ( THAILAND ) LIMITED  
Date Analysis Commenced : May 09, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 66.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 9      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sarawat Narapong วังเดิมสุวรรณ 323-4-0011

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Scientist (4)  
วณิดเมธวาทย์ 323-4-0028  
Senior Manager  
วณิดเมธวาทย์ 323-4-0001

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0127-123 (THAILAND)

3291813-1 (THAILAND)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2536525  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291814-1

Page 1 of 1

| Sample Number               | 2536525-1  |      |           |        |  |  |                  |
|-----------------------------|--|------|-----------|--------|--|--|------------------|
| Sampled Date                | May 09, 2025 10:41 AM  |      |           |        |  |  |                  |
| Sample Description          | Wastewater   |      |           |        |  |  |                  |
| Contract ID                 | L_WHA  | Plot | Z-59C     | Site   | AIR INTERNATIONAL THERMAL SYSTEMS ( THAILAND ) LIMITED |  |                  |
| Date Analysis Commenced     | CIE1_005_2565<br>May 09, 2025  |      |           |        |  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.<br>(APHA / USEPA) |      |           |        |  |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid  |      |           |        |  |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification                              | Method   | Testing Location |
| Water Testing               |  |      |           |        |  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 147    | ≤500   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | 6      | ≤10  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 8.5    | 5.5-9.0  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : สุรวุฒิ นารองย นวรัตนารักษ์ 3-323-4-0011

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Scientist (4)  
นพรัตน์พร 3-323-4-0028  
Senior Manager  
นพรัตน์พร 3-323-4-0001

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0127-1237 (THAILAND)

3/2566(01)\_AL\_01\_01 (1/4/2026)



## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2536526  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291815-1

Page 1 of 1

| Sample Number               | 2536526-1  |      |           |        |  |  |                  |
|-----------------------------|--|------|-----------|--------|--|--|------------------|
| Sampled Date                | May 09, 2025 10:45 AM  |      |           |        |  |  |                  |
| Sample Description          | Wastewater   |      |           |        |  |  |                  |
| Contract ID                 | L_CIE_007_2560   | Plot | Z-58D     | Site   | AIR INTERNATIONAL THERMAL SYSTEMS ( THAILAND ) LIMITED |  |                  |
| Date Analysis Commenced     | May 09, 2025   |      |           |        |  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.<br>(APHA / USEPA) |      |           |        |  |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid  |      |           |        |  |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification                              | Method   | Testing Location |
| Water Testing               |  |      |           |        |  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 63.5   | ≤500   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | 5      | ≤10  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.9    | 5.5-9.0  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : สุรวุฒิ นารองย นวรัตนารักษ์ 3-323-4-0011

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Scientist (4)  
นพรัตน์พร 3-323-4-0028  
Senior Manager  
นพรัตน์พร 3-323-4-0001

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3/2566(01)\_AL\_01\_01 (1/4/2026)











## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2536558  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291789-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 2 of 2

| Sample Number                                    | 2536558-1  |      |           |        |                                 |   |                  |
|--|--|------|-----------|--------|---------------------------------|---|------------------|
| Sampled Date                                     | May 07, 2025 9:43 AM   |      |           |        |                                 |   |                  |
| Sample Description                               | Wastewater   |      |           |        |                                 |   |                  |
| Contract ID                                      | L_CIE_003_2559   | Plot | A         | Site   | B. Grimm Power (WHA) 1 Limited. |   |                  |
| Location   | Process  |      |           |        |                                 |   |                  |
| Date Analysis Commenced                          | May 07, 2025   |      |           |        |                                 |   |                  |
| Condition of Sample                              | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                 |   |                  |
| Physical Property                                | Yellow, some odour, solid and no turbid  |      |           |        |                                 |   |                  |
| Analyte  | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification       | Method  | Testing Location |
| <b>Water Testing</b>                             |  |      |           |        |                                 |   |                  |
| Total Dissolved Solids Dried at 180 degree C     | mg/L   | -    | 5         | 960    | ≤3000                           | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                       | Rayong           |
| Total Kjeldahl Nitrogen as N                     | mg/L   | -    | 1.0       | <1.0   | ≤100                            | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part 9613 (D) | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L   | -    | 5         | 6      | ≤200                            | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                       | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak วัฒสนาทรัพย์ >323-4-0021

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Technical Management



Scientist (A)  
วัฒสนาทรัพย์ >323-4-0028

Senior Manager  
วัฒสนาทรัพย์ >323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2536558  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291789-2

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number           | 2536558-1  |      |           |           |                                 |               |                  |
|-------------------------|--|------|-----------|-----------|---------------------------------|---------------|------------------|
| Sampled Date            | May 07, 2025 9:43 AM   |      |           |           |                                 |               |                  |
| Sample Description      | Wastewater   |      |           |           |                                 |               |                  |
| Contract ID             | L_CIE_003_2559   | Plot | A         | Site      | B. Grimm Power (WHA) 1 Limited. |               |                  |
| Location                | Process  |      |           |           |                                 |               |                  |
| Date Analysis Commenced | May 07, 2025   |      |           |           |                                 |               |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |           |                                 |               |                  |
| Physical Property       | Yellow, some odour, solid and no turbid  |      |           |           |                                 |               |                  |
| Analyte                 | Unit   | LOD  | LOQ (LOR) | Result    | Guideline / Specification       | Method        | Testing Location |
| Water Testing           |  |      |           |           |                                 |               |                  |
| Flow rate               | m3/s   | -    | -         | 0.017     | No Standard                     | Flow meter    | Rayong           |
| Odour                   | -  | -    | -         | Odourless | No Standard                     | TIS, 257-2549 | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak วัฒสนาทรัพย์ >323-4-0021

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2536451  
Date Received : May 07, 2025  
Date Reported : May 14, 2025  
Report Number : 3291727-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2536451-1   |      |           |        |                           |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | May 07, 2025 9:25 AM  |      |           |        |                           |  |                  |
| Sample Description          | Wastewater  |      |           |        |                           |  |                  |
| Contract ID                 | L_CIE_002_2550  | Plot | B.L.G     | Site   | B.L.G. Co.,Ltd.           |  |                  |
| Date Analysis Commenced     | May 07, 2025  |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 153    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/l  | -    | 3         | 7      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 8.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak วัฒสนาทรัพย์ >323-4-0021

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Technical Management



Scientist (A)  
วัฒสนาทรัพย์ >323-4-0028

Senior Manager  
วัฒสนาทรัพย์ >323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2536553  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291784-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

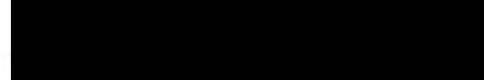
| Sample Number                                    | 2536553-1  |      |           |        |                           |  |                  |
|--|--|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                                     | May 09, 2025 3:13 PM   |      |           |        |                           |  |                  |
| Sample Description                               | Wastewater   |      |           |        |                           |  |                  |
| Contract ID                                      | L_CIE_002_2555   | Plot | Z-68      | Site   | BIN (THAILAND) Co.,Ltd.   |  |                  |
| Date Analysis Commenced                          | May 09, 2025   |      |           |        |                           |  |                  |
| Condition of Sample                              | Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |                  |
| Physical Property                                | Yellow, a lot of odour, solid and some turbid  |      |           |        |                           |  |                  |
| Analyte  | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| <b>Water Testing</b>                             |  |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L   | -    | 2.0       | 42.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| TSS  | mg/L   | 1 %  | 3 %       | 13 %   | ≤750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                     | mg/L   | -    | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -  | -    | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L   | -    | 5         | 40     | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Surawut Nangong วัฒนาหงษ์ >323-4-0011

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025.

Technical Management



Scientist (A)  
วัฒนาหงษ์ >323-4-0028

Senior Manager  
วัฒนาหงษ์ >323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536538  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291828-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536538-1  
Sampled Date : May 08, 2025 1:40 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_001\_2567 Plot : K.9,K.10,K.11,K.12 Site : BNSS STEEL GROUP COMPANY LIMITED  
Date Analysis Commenced : May 08, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 31.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek รหัสประจำตัว : 323-4-0021

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.  
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Scientist (V)  
รหัสประจำตัว : 323-4-0028  
Senior Manager  
รหัสประจำตัว : 323-4-0001

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0127-123 (THAILAND)

3/2566001\_AL (L1) (L1) (L1)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536546  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291790-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536546-1  
Sampled Date : May 07, 2025 10:14 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_003\_2550 Plot : B-5 Site : Boncafe (Thailand) Ltd.  
Date Analysis Commenced : May 07, 2025  
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>                             |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L | -   | 2.0       | 39.5   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                                     | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | -   | 5         | 19     | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek รหัสประจำตัว : 323-4-0021

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Scientist (V)  
รหัสประจำตัว : 323-4-0028  
Senior Manager  
รหัสประจำตัว : 323-4-0001

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3/2566001\_AL (L1) (L1) (L1)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536462  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291739-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536462-1  
Sampled Date : May 07, 2025 10:01 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_009\_2557 Plot : B-04 Site : Castool Tooling systems  
Date Analysis Commenced : May 07, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 29.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek รหัสประจำตัว : 323-4-0021

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Scientist (V)  
รหัสประจำตัว : 323-4-0028  
Senior Manager  
รหัสประจำตัว : 323-4-0001

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3/2566001\_AL (L1) (L1) (L1)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536504  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291793-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536504-1  
Sampled Date : May 08, 2025 3:30 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_001\_2563 Plot : D.13/L.D.13/3(A) Site : Chonburi Clean Energy Co., Ltd.  
Date Analysis Commenced : May 08, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 9.0    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek รหัสประจำตัว : 323-4-0021

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Scientist (V)  
รหัสประจำตัว : 323-4-0028  
Senior Manager  
รหัสประจำตัว : 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536492  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291770-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2536492-1  
Sampled Date May 09, 2025 2:57 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_008\_2550 Plot Z-48 Site Cal Tech Steel (Thailand) Co.,Ltd.  
Date Analysis Commenced May 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 8.0    | ≤500                      | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : สุรวดี นารอง นวสินธุสาร > 323-4-0011

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
นวสินธุสาร > 323-4-0028

Senior Manager  
นวสินธุสาร > 323-4-0001

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3291770-1, 3291770-2, 3291770-3



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536468  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291745-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

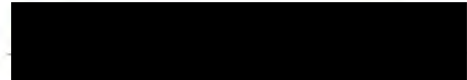
Sample Number 2536468-1  
Sampled Date May 09, 2025 9:25 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_004\_2550 Plot E-5 Site Daifuku (Thailand) Ltd.  
Date Analysis Commenced May 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 62.8   | ≤500                      | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : สุรวดี นารอง นวสินธุสาร > 323-4-0011

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
นวสินธุสาร > 323-4-0028

Senior Manager  
นวสินธุสาร > 323-4-0001

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3291745-1, 3291745-2, 3291745-3



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536500  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291778-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2536500-1  
Sampled Date May 09, 2025 3:21 PM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_004\_2562 Plot Z-67 Site DT Wiring Systems (Thailand) Co.,Ltd.  
Date Analysis Commenced May 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 29.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 3      | ≤10                       | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : สุรวดี นารอง นวสินธุสาร > 323-4-0011

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
นวสินธุสาร > 323-4-0028

Senior Manager  
นวสินธุสาร > 323-4-0001

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3291778-1, 3291778-2, 3291778-3



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536452  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291728-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

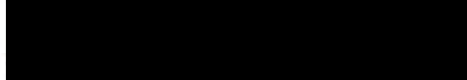
Sample Number 2536452-1  
Sampled Date May 08, 2025 9:05 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_005\_2550 Plot A-1 Site Dusholux (Siam) Co.,Ltd.  
Date Analysis Commenced May 08, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and not turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 19.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : สุพราณี สุขอุทุมมสินธุสาร > 323-4-0021

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
นวสินธุสาร > 323-4-0028

Senior Manager  
นวสินธุสาร > 323-4-0001

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0127-123 (THAILAND)

3291728-1, 3291728-2, 3291728-3







## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536520  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291809-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2536520-1  
Sampled Date May 09, 2025 3:27 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_010\_2558 Plot Z-66 Site Finiox Global Industry Co.,Ltd.  
Date Analysis Commenced May 09, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 17.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narapong วัฒโนธรรม 323-4-0011

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วัฒโนธรรม 323-4-0001

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3291809-1, 3291810-1, 3291811-1



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536477  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291754-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2536477-1  
Sampled Date May 07, 2025 10:20 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_011\_2558 Plot B-6 Site FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT  
Date Analysis Commenced May 07, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 170    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattamasak วัฒโนธรรม 323-4-0021

Remark :  
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Technical Management



Senior Manager  
วัฒโนธรรม 323-4-0028

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3291754-1, 3291755-1, 3291756-1



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536529  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291819-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2536529-1  
Sampled Date May 07, 2025 3:11 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_011\_2557 Plot D-1 Site FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT  
Date Analysis Commenced May 07, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 32.5   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattamasak วัฒโนธรรม 323-4-0021

Remark :  
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Technical Management



Senior Manager  
วัฒโนธรรม 323-4-0028

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3291819-1, 3291820-1, 3291821-1



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536470  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291747-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2536470-1  
Sampled Date May 08, 2025 3:55 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_010\_2557 Plot D-2 Site FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT  
Date Analysis Commenced May 08, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 58.7   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattamasak วัฒโนธรรม 323-4-0021

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Technical Management



Senior Manager  
วัฒโนธรรม 323-4-0028

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3291747-1, 3291748-1, 3291749-1



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536473  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291750-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536473-1  
Sampled Date : May 07, 2025 11:23 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_004\_2558 Plot : D-6 Site : FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT

Date Analysis Commenced : May 07, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 88.8   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (D)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narongpon วรณิณณวณรณ 323-4-0011

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536511  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291800-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536511-1  
Sampled Date : May 09, 2025 8:55 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_014\_2558 Plot : D-8 Site : FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT

Date Analysis Commenced : May 09, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 15.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (D)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narongpon วรณิณณวณรณ 323-4-0011

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536486  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291763-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536486-1  
Sampled Date : May 09, 2025 2:48 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_007\_2556 Plot : Z-13 Site : FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT

Date Analysis Commenced : May 09, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 14.7   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (D)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narongpon วรณิณณวณรณ 323-4-0011

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536487  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291764-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536487-1  
Sampled Date : May 09, 2025 2:42 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_008\_2556 Plot : Z-14 Site : FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT

Date Analysis Commenced : May 09, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, a lot of solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (D)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narongpon วรณิณณวณรณ 323-4-0011

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536508  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291797-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number               | 2536508-1  |      |           |                                  |                           |  |                  |
|-----------------------------|--|------|-----------|----------------------------------|---------------------------|--|------------------|
| Sampled Date                | May 07, 2025 10:30 AM  |      |           |                                  |                           |  |                  |
| Sample Description          | Wastewater   |      |           |                                  |                           |  |                  |
| Contract ID                 | L_WHA  | Plot | B-7       | Site                             |                           |  |                  |
|                             | CIE1_011_2563  |      |           | Glory Winner (Thailand) Co.,Ltd. |                           |  |                  |
| Date Analysis Commenced     | May 07, 2025   |      |           |                                  |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |                                  |                           |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, some solid and turbid  |      |           |                                  |                           |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result                           | Guideline / Specification | Method   | Testing Location |
| Water Testing               |  |      |           |                                  |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 93.4                             | ≤500                      | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | 3                                | ≤10                       | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.9                              | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak ๖323-๔-0021

Remark :  
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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536469  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291746-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number               | 2536469-1   |      |           |        |                           |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | May 09, 2025 9:59 AM  |      |           |        |                           |  |                  |
| Sample Description          | Wastewater  |      |           |        |                           |  |                  |
| Contract ID                 | L_CIE_009_2550  | Plot | M-1       | Site   | Glow IPP Co.,Ltd.         |  |                  |
| Location                    | Office  |      |           |        |                           |  |                  |
| Date Analysis Commenced     | May 09, 2025  |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |                  |
| Physical Property           | Yellow, some odour, solid and turbid  |      |           |        |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Water Testing               |   |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 17.6   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narapong ๖323-๔-0011

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536507  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291796-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number               | 2536507-1  |      |           |        |                           |  |                  |
|-----------------------------|--|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | May 07, 2025 8:56 AM   |      |           |        |                           |  |                  |
| Sample Description          | Wastewater   |      |           |        |                           |  |                  |
| Contract ID                 | L_WHA  | Plot | BC        | Site   | Hardware King Co.,Ltd.    |  |                  |
|                             | CIE1_010_2563  |      |           |        |                           |  |                  |
| Date Analysis Commenced     | May 07, 2025   |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                           |  |                  |
|                             | (APHA / USEPA)   |      |           |        |                           |  |                  |
| Physical Property           | Yellow, some odour, solid and no turbid  |      |           |        |                           |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOB) | Result | Guideline / Specification | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 4.1    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak ๖323-๔-0021

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Technical Management



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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536512  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291801-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Page 1 of 2

| Sample Number               | 2536512-1   |      |           |        |                                |  |                  |
|-----------------------------|---|------|-----------|--------|--------------------------------|--|------------------|
| Sampled Date                | May 08, 2025 10:55 AM   |      |           |        |                                |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                |  |                  |
| Contract ID                 | L_WHA   | Plot | B-8       | Site   | HI-Plus Import-Export Co.,Ltd. |  |                  |
|                             | CIE1_001_2564   |      |           |        |                                |  |                  |
| Date Analysis Commenced     | May 08, 2025  |      |           |        |                                |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and no turbid  |      |           |        |                                |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification      | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                                |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 18.8   | ≤500                           | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 8      | ≤10                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.3    | 5.5-9.0                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak ๖323-๔-0021

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536556  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291787-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536556-1  
Sampled Date : May 09, 2025 4:33 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_011\_2550 Plot : B-1 Site : Honey Well Electronic Materials (Thailand) Co.,Ltd.  
Date Analysis Commenced : May 09, 2025  
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property : Yellow, some odour, solid and no turbid

| Analyte                                      | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>                         |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                  | mg/L | -   | 2.0       | 15.4   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                                 | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                               | -    | -   | -         | 7.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L | -   | 5         | 2380   | ≤3000                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawit Narapong วรณัฐนิศาณวดี >323-a-0011, Pattarapol Sawangjattam วรณัฐนิศาณวดี >204-a-0002

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## Analysis / Test Report



TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536556  
Date Received : May 09, 2025  
Date Reported : May 17, 2025  
Report Number : 3291787-2

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536556-1  
Sampled Date : May 09, 2025 4:33 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_011\_2550 Plot : B-1 Site : Honey Well Electronic Materials (Thailand) Co.,Ltd.  
Date Analysis Commenced : May 13, 2025  
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property : Yellow, some odour, solid and no turbid

| Analyte               | Unit | LOD    | LOQ (LOR) | Result | Guideline / Specification | Method  | Testing Location |
|-----------------------|------|--------|-----------|--------|---------------------------|---|------------------|
| <b>Metals Testing</b> |      |        |           |        |                           |   |                  |
| Nickel                | mg/L | 0.0003 | 0.0005    | 0.02   | ≤1.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawit Narapong วรณัฐนิศาณวดี >323-a-0011, Pattarapol Sawangjattam วรณัฐนิศาณวดี >204-a-0002

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536510  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291799-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536510-1  
Sampled Date : May 09, 2025 3:44 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA\_CIE1\_016\_2563 Plot : Z-63 Site : Imanaka (Thailand) Co.,Ltd.  
Date Analysis Commenced : May 09, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 17.8   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Sarawit Narapong วรณัฐนิศาณวดี >323-a-0011

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536456  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291733-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536456-1  
Sampled Date : May 08, 2025 9:40 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_012\_2550 Plot : A-7 Site : In-Season Foods Ltd.  
Date Analysis Commenced : May 08, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 102    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanak Sakulthummanik วรณัฐนิศาณวดี >323-a-0021

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536552  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291783-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536552-1  
Sampled Date : May 09, 2025 10:04 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_002\_2558 Plot M-2 Site Insee Ecosycle Co.,Ltd.  
Date Analysis Commenced : May 09, 2025  
Condition of Sample : Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>                             |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L | -   | 2.0       | 68.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| COD  | mg/L | 1.5 | 25        | 191    | ≤750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 D                  | Rayong           |
| Oil & Grease                                     | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | -   | 5         | 35     | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawat Narapong วรณัฐนิการ 323-4-0011

Remark :  
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Technical Management



Senior Manager  
วรณัฐนิการ 323-4-0028

Senior Manager  
วรณัฐนิการ 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536545  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291766-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

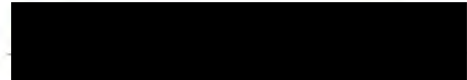
Sample Number : 2536545-1  
Sampled Date : May 09, 2025 2:15 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_002\_2561 Plot Z-18 Site KIMSONG ARTIWOOD Co.,Ltd.  
Date Analysis Commenced : May 09, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|------|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -    | 2.0       | 74.1   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Formaldehyde                | mg/L | 0.03 | 0.1       | 0.4    | ≤1                        | Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004                                 | Rayong           |
| Oil & Grease                | mg/L | -    | 3         | 8      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -    | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawat Narapong วรณัฐนิการ 323-4-0011

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วรณัฐนิการ 323-4-0028

Senior Manager  
วรณัฐนิการ 323-4-0001

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0127-1237 (THAILAND)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536494  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291772-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536494-1  
Sampled Date : May 09, 2025 10:33 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_016\_2557 Plot Z-59A Site Kintetsu Logistics (Thailand) Co.,Ltd.  
Date Analysis Commenced : May 09, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 38.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawat Narapong วรณัฐนิการ 323-4-0011

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วรณัฐนิการ 323-4-0028

Senior Manager  
วรณัฐนิการ 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536459  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291736-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

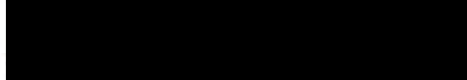
Sample Number : 2536459-1  
Sampled Date : May 08, 2025 10:25 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2556 Plot B-11C Site Kuriyama (Thailand) Co.,Ltd.  
Date Analysis Commenced : May 08, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 44.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak วรณัฐนิการ 323-4-0021

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วรณัฐนิการ 323-4-0028

Senior Manager  
วรณัฐนิการ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2536554  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291785-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number                                | 2536554-1  |      |           |        |                            |   |                  |
|--|--|------|-----------|--------|----------------------------|---|------------------|
| Sampled Date                                 | May 07, 2025 2:01 PM   |      |           |        |                            |   |                  |
| Sample Description                           | Wastewater   |      |           |        |                            |   |                  |
| Contract ID                                  | L_CIE_020_2550   | Plot | Z-3       | Site   | Kyoden (Thailand) Co.,Ltd. |   |                  |
| Location                                     | Factory 1  |      |           |        |                            |   |                  |
| Date Analysis Commenced                      | May 07, 2025   |      |           |        |                            |   |                  |
| Condition of Sample                          | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                            |   |                  |
| Physical Property                            | Colorless, some odour, solid and no turbid   |      |           |        |                            |   |                  |
| Analyte                                      | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification  | Method  | Testing Location |
| <b>Water Testing</b>                         |  |      |           |        |                            |   |                  |
| BOD (5 days at 20 Degree C)                  | mg/L   | -    | 2.0       | 18.7   | ≤500                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O <sub>2</sub> G | Rayong           |
| Oil & Grease                                 | mg/L   | -    | 3         | <3     | ≤10                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 B                               | Rayong           |
| pH (on site) *                               |  | -    | -         | 7.8    | 5.5-9.0                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)                         | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L   | -    | 5         | 488    | ≤3000                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                               | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖๓๒๙๙๓๓๓ ๖-323-๙-0021, Pattarapol Sawangjiam ๖๓๒๙๙๓๓๓ ๖-204-๙-0002

Remark :  
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Technical Management



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3/19/2025, AL (A), 1/1 (3/19/25)



## Analysis / Test Report



TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2536554  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291785-2

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number           | 2536554-1  |        |           |        |                            |  |                  |
|-------------------------|--|--------|-----------|--------|----------------------------|--|------------------|
| Sampled Date            | May 07, 2025 2:01 PM   |        |           |        |                            |  |                  |
| Sample Description      | Wastewater   |        |           |        |                            |  |                  |
| Contract ID             | L_CIE_020_2550   | Plot   | Z-3       | Site   | Kyoden (Thailand) Co.,Ltd. |  |                  |
| Location                | Factory 1  |        |           |        |                            |  |                  |
| Date Analysis Commenced | May 08, 2025   |        |           |        |                            |  |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |        |                            |  |                  |
| Physical Property       | Colorless, some odour, solid and no turbid   |        |           |        |                            |  |                  |
| Analyte                 | Unit   | LOD    | LOQ (LOR) | Result | Guideline / Specification  | Method   | Testing Location |
| Metals Testing          |  |        |           |        |                            |  |                  |
| Copper                  | mg/L   | 0.0003 | 0.0005    | 0.77   | ≤2.0                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |
| Nickel                  | mg/L   | 0.0003 | 0.0005    | 0.002  | ≤1.0                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖๓๒๙๙๓๓๓ ๖-323-๙-0021, Pattarapol Sawangjiam ๖๓๒๙๙๓๓๓ ๖-204-๙-0002

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Technical Management



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3/19/2025, AL (A), 1/1 (3/19/25)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2536555  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291786-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number                                | 2536555-1  |      |           |        |                            |   |                  |
|--|--|------|-----------|--------|----------------------------|---|------------------|
| Sampled Date                                 | May 07, 2025 2:43 PM   |      |           |        |                            |   |                  |
| Sample Description                           | Wastewater   |      |           |        |                            |   |                  |
| Contract ID                                  | L_CIE_021_2550   | Plot | Z-6       | Site   | Kyoden (Thailand) Co.,Ltd. |   |                  |
| Location                                     | Factory 2  |      |           |        |                            |   |                  |
| Date Analysis Commenced                      | May 07, 2025   |      |           |        |                            |   |                  |
| Condition of Sample                          | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                            |   |                  |
| Physical Property                            | Colorless, some odour, solid and no turbid   |      |           |        |                            |   |                  |
| Analyte                                      | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification  | Method  | Testing Location |
| Water Testing                                |  |      |           |        |                            |   |                  |
| BOD (5 days at 20 Degree C)                  | mg/L   | -    | 2.0       | 27.0   | ≤500                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O <sub>2</sub> G | Rayong           |
| Oil & Grease                                 | mg/L   | -    | 3         | <3     | ≤10                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 B                               | Rayong           |
| pH (on site) *                               |  | -    | -         | 7.9    | 5.5-9.0                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)                         | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L   | -    | 5         | 344    | ≤3000                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                               | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖๓๒๙๙๓๓๓ ๖-323-๙-0021, Pattarapol Sawangjiam ๖๓๒๙๙๓๓๓ ๖-204-๙-0002

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Technical Management



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3/19/2025, AL (A), 1/1 (3/19/25)



## Analysis / Test Report



TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2536555  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291786-2

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number           | 2536555-1  |        |           |        |                            |  |                  |
|-------------------------|--|--------|-----------|--------|----------------------------|--|------------------|
| Sampled Date            | May 07, 2025 2:43 PM   |        |           |        |                            |  |                  |
| Sample Description      | Wastewater   |        |           |        |                            |  |                  |
| Contract ID             | L_CIE_021_2550   | Plot   | Z-6       | Site   | Kyoden (Thailand) Co.,Ltd. |  |                  |
| Location                | Factory 2  |        |           |        |                            |  |                  |
| Date Analysis Commenced | May 08, 2025   |        |           |        |                            |  |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |        |                            |  |                  |
| Physical Property       | Colorless, some odour, solid and no turbid   |        |           |        |                            |  |                  |
| Analyte                 | Unit   | LOD    | LOQ (LOR) | Result | Guideline / Specification  | Method   | Testing Location |
| Metals Testing          |  |        |           |        |                            |  |                  |
| Copper                  | mg/L   | 0.0003 | 0.0005    | 0.54   | ≤2.0                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |
| Nickel                  | mg/L   | 0.0003 | 0.0005    | 0.002  | ≤1.0                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖๓๒๙๙๓๓๓ ๖-323-๙-0021, Pattarapol Sawangjiam ๖๓๒๙๙๓๓๓ ๖-204-๙-0002

Remark :  
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Technical Management



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3/19/2025, AL (A), 1/1 (3/19/25)





## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536478  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291755-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536478-1  
Sampled Date : May 08, 2025 11:12 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_013\_2557 Plot : B-68 Site : Kyowa SS (Thailand) Co.,Ltd.  
Date Analysis Commenced : May 08, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 41.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattamasak วัฒนาสาร 323-4-0021

Remark :  
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Technical Management



Senior Manager  
วัฒนาสาร 323-4-0001

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3291755-1\_01\_01\_01 (4/2024)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536457  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291734-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536457-1  
Sampled Date : May 07, 2025 3:42 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2554 Plot : A-5/1 Site : Laem Chabang Tank Services Co.,Ltd.  
Date Analysis Commenced : May 07, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 205    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattamasak วัฒนาสาร 323-4-0021

Remark :  
- LOD : Limit of Detection  
- \*C\* : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วัฒนาสาร 323-4-0001

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3291734-1\_01\_01\_01 (4/2024)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536463  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291749-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536463-1  
Sampled Date : May 08, 2025 11:00 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2551 Plot : B-7 Site : Lungka Products Asia Co.,Ltd.  
Date Analysis Commenced : May 08, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 5.4    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattamasak วัฒนาสาร 323-4-0021

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วัฒนาสาร 323-4-0001

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3291749-1\_01\_01\_01 (4/2024)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536530  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291826-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536530-1  
Sampled Date : May 08, 2025 2:35 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_001\_2566 Plot : F-14 Site : MAX METAL INTERNATIONAL COMPANY LIMITED  
Date Analysis Commenced : May 08, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, a lot of odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 47.6   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattamasak วัฒนาสาร 323-4-0021

Remark :  
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Technical Management



Senior Manager  
วัฒนาสาร 323-4-0001

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3291826-1\_01\_01\_01 (4/2024)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536497  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291775-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536497-1  
Sampled Date : May 09, 2025 2:06 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2560 Plot : Z-57 Site : Muntons Ingredients (Thailand) Co.,Ltd.  
Date Analysis Commenced : May 09, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 65.7   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narapong วสุวิมลสาร > 323-a-0011

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Technical Management



Senior Manager  
วสุวิมลสาร > 323-a-0028

Senior Manager  
วสุวิมลสาร > 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536471  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291748-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536471-1  
Sampled Date : May 07, 2025 3:21 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_012\_2557 Plot : C-2,3,4 Site : Nakagawa Special Steel (Thailand) Co.,Ltd.  
Date Analysis Commenced : May 07, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 25.6   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak วสุวิมลสาร > 323-a-0021

Remark :  
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Technical Management



Senior Manager  
วสุวิมลสาร > 323-a-0028

Senior Manager  
วสุวิมลสาร > 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536533  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291823-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536533-1  
Sampled Date : May 07, 2025 3:50 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_005\_2566 Plot : K2 Site : NANYONG TERMINAL PUBLIC COMPANY LIMITED  
Date Analysis Commenced : May 07, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 87.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 3      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak วสุวิมลสาร > 323-a-0021

Remark :  
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Technical Management



Senior Manager  
วสุวิมลสาร > 323-a-0028

Senior Manager  
วสุวิมลสาร > 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536541  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291831-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

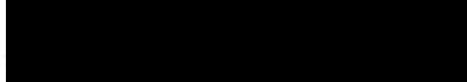
Sample Number : 2536541-1  
Sampled Date : May 08, 2025 9:53 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_004\_2567 Plot : A,9A, A,10 Site : NBC Meshtec (Thailand) Co.,Ltd.  
Date Analysis Commenced : May 08, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : (APHA / USEPA)  
Yellow, a lot of odour, some solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 5.7    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak วสุวิมลสาร > 323-a-0021

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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Technical Management



Senior Manager  
วสุวิมลสาร > 323-a-0028

Senior Manager  
วสุวิมลสาร > 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536475  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291752-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2536475-1  
Sampled Date May 08, 2025 9:55 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_002\_2560 Plot A-8A Site NBC Meshtec (Thailand) Co.,Ltd.  
Date Analysis Commenced May 08, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 160    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek รหัสประจำตัวพนักงาน 323-4-0021

Remark :  
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Technical Management



Senior Manager  
รหัสประจำตัวพนักงาน 323-4-0028

Senior Manager  
รหัสประจำตัวพนักงาน 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536521  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291810-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

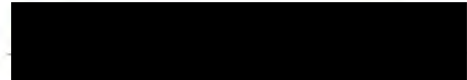
Sample Number 2536521-1  
Sampled Date May 08, 2025 10:27 AM  
Sample Description Wastewater  
Contract ID L\_WHA\_CIE1\_001\_2565 Plot B-11D Site Nichey Aaa (Thailand) Co.,Ltd.  
Date Analysis Commenced May 08, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 136    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 8      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek รหัสประจำตัวพนักงาน 323-4-0021

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
รหัสประจำตัวพนักงาน 323-4-0028

Senior Manager  
รหัสประจำตัวพนักงาน 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536480  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291751-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2536480-1  
Sampled Date May 08, 2025 8:50 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_006\_2560 Plot K-1 Site Nikser MC Aluminium Co.,Ltd.  
Date Analysis Commenced May 08, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 100    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek รหัสประจำตัวพนักงาน 323-4-0021

Remark :  
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Technical Management



Senior Manager  
รหัสประจำตัวพนักงาน 323-4-0028

Senior Manager  
รหัสประจำตัวพนักงาน 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536474  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291751-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

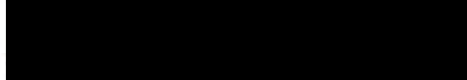
Sample Number 2536474-1  
Sampled Date May 07, 2025 3:35 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_005\_2558 Plot A-5/2 Site Nual Chaiwee Engineering Co.,Ltd.  
Date Analysis Commenced May 07, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 57.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <1     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek รหัสประจำตัวพนักงาน 323-4-0021

Remark :  
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Technical Management



Senior Manager  
รหัสประจำตัวพนักงาน 323-4-0028

Senior Manager  
รหัสประจำตัวพนักงาน 323-4-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2536539  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291829-1

Page 1 of 1

| Sample Number               | 2536539-1   |      |           |        |                            |  |                  |
|-----------------------------|---|------|-----------|--------|----------------------------|--|------------------|
| Sampled Date                | May 08, 2025 10:05 AM   |      |           |        |                            |  |                  |
| Sample Description          | Wastewater  |      |           |        |                            |  |                  |
| Contract ID                 | L_WHA   | Plot | B.12A     | Site   | PRISM TELECOM ASIA LIMITED |  |                  |
|                             | CIE1_002_2567   |      |           |        |                            |  |                  |
| Date Analysis Commenced     | May 08, 2025  |      |           |        |                            |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                            |  |                  |
| Physical Property           | Blue, a lot of odour, some solid and no turbid  |      |           |        |                            |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification  | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                            |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 31.3   | ≤500                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 3      | ≤10                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.6    | 5.5-9.0                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : สุวัฒน์ นารอง นวัตกรรม + 323-4-0011

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2536490  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291768-1

Page 1 of 1

| Sample Number               | 2536490-1   |      |           |        |                                   |  |                  |
|-----------------------------|---|------|-----------|--------|-----------------------------------|--|------------------|
| Sampled Date                | May 09, 2025 2:34 PM  |      |           |        |                                   |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                   |  |                  |
| Contract ID                 | L_CIE_010_2556  | Plot | Z-32      | Site   | Sail Industry (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced     | May 09, 2025  |      |           |        |                                   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                   |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |                                   |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification         | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                                   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 72.1   | ≤500                              | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 6      | ≤10                               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.9    | 5.5-9.0                           | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : สุวัฒน์ นารอง นวัตกรรม + 323-4-0011

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2536540  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291830-1

Page 1 of 1

| Sample Number               | 2536540-1   |      |            |        |  |  |                  |
|-----------------------------|---|------|------------|--------|--|--|------------------|
| Sampled Date                | May 09, 2025 2:30 PM  |      |            |        |  |  |                  |
| Sample Description          | Wastewater  |      |            |        |  |  |                  |
| Contract ID                 | L_WHA<br>CIE1_003_2567  | Plot | Z.25, Z.26 | Site   | SAIL INDUSTRY (THAILAND) COMPANY LIMITED |  |                  |
| Date Analysis Commenced     | May 09, 2025  |      |            |        |  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |            |        |  |  |                  |
| Physical Property           | Yellow, some odour, solid and turbid  |      |            |        |  |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR)  | Result | Guideline / Specification                | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |            |        |  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0        | 35.0   | ≤500                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3          | <3     | ≤10                                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -          | 8.0    | 5.5-9.0                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : สุวัฒน์ นารอง นวัตกรรม + 323-4-0011

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2536489  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291767-1

Page 1 of 1

| Sample Number               | 2536489-1   |      |           |        |                                      |  |                  |
|-----------------------------|---|------|-----------|--------|--------------------------------------|--|------------------|
| Sampled Date                | May 09, 2025 2:19 PM  |      |           |        |                                      |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                      |  |                  |
| Contract ID                 | L_CIE_032_2550  | Plot | Z-33      | Site   | Sakura Industry (Thailand) Co., Ltd. |  |                  |
| Date Analysis Commenced     | May 09, 2025  |      |           |        |                                      |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                      |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |                                      |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification            | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                                      |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 155    | ≤500                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/l  | -    | 3         | 6      | ≤10                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 8.2    | 5.5-9.0                              | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (D)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : สุวัฒน์ นารอง นวัตกรรม + 323-4-0011

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Technical Management



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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536548  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291781-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536548-1  
Sampled Date : May 09, 2025 4:06 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2555 Plot C-5,6 Site SANG CHAREON EASTERN GALVANIZE CO.,LTD.  
Date Analysis Commenced : May 09, 2025  
Condition of Sample : Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and some turbid

| Analyte                                      | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>                         |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                  | mg/L | -   | 2.0       | 34.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| COD  | mg/L | 1.5 | 25        | 271    | ≤750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                 | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                               | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L | -   | 5         | 216    | ≤3000                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narapong วสุธินาถ ๖-323-๔-0011 , Pattarapol Sawangjaitam วสุธินาถ ๖-204-๔-0002

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Technical Management



Signature (V)  
วสุธินาถ ๖-323-๔-0028

Signature (V)  
วสุธินาถ ๖-323-๔-0001

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## Analysis / Test Report



TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536548  
Date Received : May 09, 2025  
Date Reported : May 17, 2025  
Report Number : 3291781-2

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

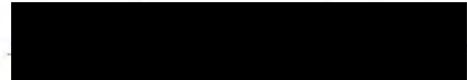
Sample Number : 2536548-1  
Sampled Date : May 09, 2025 4:06 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2555 Plot C-5,6 Site SANG CHAREON EASTERN GALVANIZE CO.,LTD.  
Date Analysis Commenced : May 13, 2025  
Condition of Sample : Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and some turbid

| Analyte               | Unit | LOD    | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------|------|--------|-----------|--------|---------------------------|--|------------------|
| <b>Metals Testing</b> |      |        |           |        |                           |  |                  |
| Nickel                | mg/L | 0.0003 | 0.0005    | 0.004  | ≤1.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |
| Zinc                  | mg/L | 0.003  | 0.005     | 1.09   | ≤5.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narapong วสุธินาถ ๖-323-๔-0011 , Pattarapol Sawangjaitam วสุธินาถ ๖-204-๔-0002

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Signature (V)  
วสุธินาถ ๖-204-๔-0008

Signature (V)  
วสุธินาถ ๖-204-๔-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536548  
Date Received : May 09, 2025  
Date Reported : May 17, 2025  
Report Number : 3291781-3

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536548-1  
Sampled Date : May 09, 2025 4:06 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2555 Plot C-5,6 Site SANG CHAREON EASTERN GALVANIZE CO.,LTD.  
Date Analysis Commenced : May 13, 2025  
Condition of Sample : Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and some turbid

| Analyte               | Unit | LOD   | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------|------|-------|-----------|--------|---------------------------|--|------------------|
| <b>Metals Testing</b> |      |       |           |        |                           |  |                  |
| Iron                  | mg/L | 0.003 | 0.005     | 2.39   | ≤10.0                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narapong วสุธินาถ ๖-323-๔-0011 , Pattarapol Sawangjaitam วสุธินาถ ๖-204-๔-0002

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Signature (V)  
วสุธินาถ ๖-323-๔-0028

Signature (V)  
วสุธินาถ ๖-323-๔-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536485  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291762-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

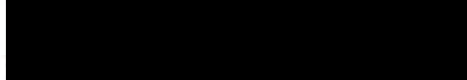
Sample Number : 2536485-1  
Sampled Date : May 08, 2025 2:30 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_018\_2557 Plot F-15 Site SET (Thailand) Co.,Ltd.  
Date Analysis Commenced : May 08, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 18.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 7      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak วสุธินาถ ๖-323-๔-0021

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Technical Management



Signature (V)  
วสุธินาถ ๖-323-๔-0028

Signature (V)  
วสุธินาถ ๖-204-๔-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536484  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291761-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2536484-1  
Sampled Date May 08, 2025 3:00 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_017\_2557 Plot F-10 Site Shansel Koki (Thailand) Corporation Limited.  
Date Analysis Commenced May 08, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 22.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 5      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek วสุฒานนท์ 323-4-0021

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Technical Management



Senior Manager  
วสุฒานนท์ 323-4-0028

Senior Manager  
วสุฒานนท์ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
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Thailand 20230

Lot ID: 2536461  
Date Received : May 07, 2025  
Date Reported : May 14, 2025  
Report Number : 3291738-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2536461-1  
Sampled Date May 07, 2025 9:55 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_017\_2550 Plot B-3 Site Shinwa Kogyo (Thailand) Co.,Ltd.  
Date Analysis Commenced May 07, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 6.8    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek วสุฒานนท์ 323-4-0021

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Technical Management



Senior Manager  
วสุฒานนท์ 323-4-0028

Senior Manager  
วสุฒานนท์ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
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Thailand 20230

Lot ID: 2536465  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291742-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2536465-1  
Sampled Date May 08, 2025 3:20 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_018\_2550 Plot D-13/2 Site Siam Steel Mill Services Ltd.  
Date Analysis Commenced May 08, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Green, a lot of odour, some solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 38.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek วสุฒานนท์ 323-4-0021

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Technical Management



Senior Manager  
วสุฒานนท์ 323-4-0028

Senior Manager  
วสุฒานนท์ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536460  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291737-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

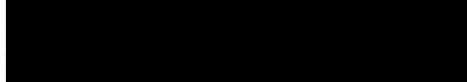
Sample Number 2536460-1  
Sampled Date May 08, 2025 10:20 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_004\_2557 Plot B-11A Site SPF (Thailand) Co.,Ltd.  
Date Analysis Commenced May 08, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 86.4   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek วสุฒานนท์ 323-4-0021

Remark :  
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Technical Management



Senior Manager  
วสุฒานนท์ 323-4-0028

Senior Manager  
วสุฒานนท์ 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536464  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291741-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536464-1  
Sampled Date : May 07, 2025 3:00 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_019\_2550 Plot : D-4 Site : Tasei Plus (Thailand) Co.,Ltd.  
Date Analysis Commenced : May 07, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 166    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |      | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak วัฒณานาส 323-4-0021

Remark :  
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Technical Management



Scientist (A)  
วัฒณานาส 323-4-0028

Senior Manager  
วัฒณานาส 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
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Thailand 20230

Lot ID: 2536472  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291749-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

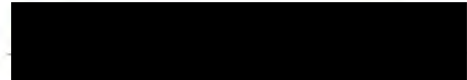
Sample Number : 2536472-1  
Sampled Date : May 09, 2025 10:13 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_003\_2558 Plot : M-3 Site : Tayh Kennos Auto Parts (Thailand) Co.,Ltd.  
Date Analysis Commenced : May 09, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 129    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 7      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |      | -   | -         | 7.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Surawit Narapong วัฒณานาส 323-4-0011

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (A)  
วัฒณานาส 323-4-0028

Senior Manager  
วัฒณานาส 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536547  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291791-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2536547-1  
Sampled Date : May 08, 2025 2:40 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_013\_2560 Plot : F-13A Site : Thai daerin Precision Co.,Ltd.  
Date Analysis Commenced : May 08, 2025  
Condition of Sample : Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and turbid

| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing                                    |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L | -   | 2.0       | 127    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| COD  | mg/L | 1.5 | 25        | 369    | <750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                     | mg/L | -   | 3         | 9      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   |      | -   | -         | 8.2    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Dissolved Solids Dried at 180 degree C     | mg/L | -   | 5         | 404    | ≤3000                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | -   | 5         | 108    | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak วัฒณานาส 323-4-0021

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (A)  
วัฒณานาส 323-4-0028

Senior Manager  
วัฒณานาส 323-4-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536466  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291743-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

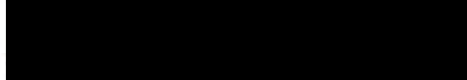
Sample Number : 2536466-1  
Sampled Date : May 08, 2025 3:40 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_007\_2558 Plot : D-12/1A Site : THAI ESCORP LTD.  
Date Analysis Commenced : May 08, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 42.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 6      | <10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |      | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak วัฒณานาส 323-4-0021

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (A)  
วัฒณานาส 323-4-0028

Senior Manager  
วัฒณานาส 323-4-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536549  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291782-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2536549-1  
Sampled Date May 07, 2025 1:49 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_001\_2559 Plot D-9 Site Thai Huawin Battery Co.,Ltd.  
Date Analysis Commenced May 07, 2025  
Condition of Sample Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
Physical Property Colorless, some odour, solid and no turbid

| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>                             |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| COD  | mg/L | 1.5 | 25        | <25    | ≤750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                     | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Dissolved Solids Dried at 180 degree C     | mg/L | -   | 5         | 102    | ≤3000                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | -   | 5         | <5     | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak veedienawarni 323-a-0021, Pattarapol Sawangjattam veedienawarni 324-a-0002

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Scientist (V)  
veedienawarni 323-a-0028  
Senior Manager  
veedienawarni 323-a-0001

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## Analysis / Test Report

TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536549  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291782-2

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2536549-1  
Sampled Date May 07, 2025 1:49 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_001\_2559 Plot D-9 Site Thai Huawin Battery Co.,Ltd.  
Date Analysis Commenced May 08, 2025  
Condition of Sample Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
Physical Property Colorless, some odour, solid and no turbid

| Analyte               | Unit | LOD    | LOQ (LOR) | Result | Guideline / Specification | Method  | Testing Location |
|-----------------------|------|--------|-----------|--------|---------------------------|---|------------------|
| <b>Metals Testing</b> |      |        |           |        |                           |   |                  |
| Lead                  | mg/L | 0.0003 | 0.0005    | 0.003  | ≤0.2                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak veedienawarni 323-a-0021, Pattarapol Sawangjattam veedienawarni 324-a-0002

Remark :  
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Technical Management

Scientist (V)  
veedienawarni 324-a-0002  
Senior Manager  
veedienawarni 324-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536532  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291822-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2536532-1  
Sampled Date May 07, 2025 2:09 PM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_004\_2566 Plot Z-60,261,261B Site THAI OUTDO POWER TECHNOLOGY Co.,Ltd.  
Date Analysis Commenced May 07, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property Colorless, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak veedienawarni 323-a-0021

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Scientist (V)  
veedienawarni 323-a-0028  
Senior Manager  
veedienawarni 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2536528  
Date Received : May 07, 2025  
Date Reported : May 15, 2025  
Report Number : 3291817-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2536528-1  
Sampled Date May 07, 2025 11:10 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_011\_2560 Plot E-6 Site Thai Runq Union Car Public Co.,Ltd.  
Date Analysis Commenced May 07, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 115    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak veedienawarni 323-a-0021

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Scientist (V)  
veedienawarni 323-a-0028  
Senior Manager  
veedienawarni 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2536514  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291803-1

Page 1 of 1

| Sample Number               | 2536514-1  |      |           |        |                           |  |                  |
|-----------------------------|--|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | May 09, 2025 3:53 PM   |      |           |        |                           |  |                  |
| Sample Description          | Wastewater   |      |           |        |                           |  |                  |
| Contract ID                 | L_WHA  | Plot | Z-62      | Site   | Thai Wip Co.,Ltd.         |  |                  |
|                             | CIE1_003_2564  |      |           |        |                           |  |                  |
| Date Analysis Commenced     | May 09, 2025   |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                           |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, solid and some turbid  |      |           |        |                           |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Water Testing               |  |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 54.6   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sarawat Narapong วสุวิมลสาร 3-323-a-0011

Remark :  
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Technical Management



Senior Manager  
วสุวิมลสาร 3-323-a-0001

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3291803-1 (3291803-1)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2536535  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291825-1

Page 1 of 1

| Sample Number               | 2536535-1  |      |           |        |   |  |                  |
|-----------------------------|--|------|-----------|--------|---|--|------------------|
| Sampled Date                | May 09, 2025 2:23 PM   |      |           |        |   |  |                  |
| Sample Description          | Wastewater   |      |           |        |   |  |                  |
| Contract ID                 | L_WHA  | Plot | Z.21      | Site   | TOOLS INTERNATIONAL (THAILAND) Co.,Ltd. |  |                  |
|                             | CIE1_007_2566  |      |           |        |   |  |                  |
| Date Analysis Commenced     | May 09, 2025   |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |   |  |                  |
|                             | (APHA / USEPA)   |      |           |        |   |  |                  |
| Physical Property           | Yellow, some odour, solid and no turbid  |      |           |        |   |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |
| Water Testing               |  |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | <2.0   | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | <3     | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -  | -    | -         | 8.1    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sarawat Narapong วสุวิมลสาร 3-323-a-0011

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วสุวิมลสาร 3-323-a-0001

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0121-123 (THAI)

3291825-1 (3291825-1)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2536543  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291833-1

Page 1 of 1

|                             |  |      |                 |        |   |  |                  |
|-----------------------------|--|------|-----------------|--------|---|--|------------------|
| Sample Number               | 2536543-1  |      |                 |        |   |  |                  |
| Sampled Date                | May 09, 2025 11:35 AM  |      |                 |        |   |  |                  |
| Sample Description          | Wastewater   |      |                 |        |   |  |                  |
| Contract ID                 | L_WHA  | Plot | Z-4, Z-4A, Z-4C | Site   | Top Link Industrial (Thailand) Co.,Ltd. |  |                  |
|                             | CIE1_006_2567  |      |                 |        |   |  |                  |
|                             | May 09, 2025   |      |                 |        |   |  |                  |
| Date Analysis Commenced     | May 09, 2025   |      |                 |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |                 |        |   |  |                  |
|                             | (APHA / USEPA)   |      |                 |        |   |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid  |      |                 |        |   |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR)       | Result | Guideline / Specification               | Method   | Testing Location |
| Water Testing               |  |      |                 |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0             | 66.5   | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3               | 4      | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -  | -    | -               | 8.3    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sarawat Narapong วสุวิมลสาร 3-323-a-0011

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วสุวิมลสาร 3-323-a-0001

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3291833-1 (3291833-1)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2536501  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291779-1

Page 1 of 1

|                             |  |      |           |        |   |  |                  |
|-----------------------------|--|------|-----------|--------|---|--|------------------|
| Sample Number               | 2536501-1  |      |           |        |   |  |                  |
| Sampled Date                | May 09, 2025 11:18 AM  |      |           |        |   |  |                  |
| Sample Description          | Wastewater   |      |           |        |   |  |                  |
| Contract ID                 | L_WHA  | Plot | Z.63/1    | Site   | Top Link Industrial (Thailand) Co.,Ltd. |  |                  |
|                             | CIE1_005_2562  |      |           |        |   |  |                  |
|                             | May 09, 2025   |      |           |        |   |  |                  |
| Date Analysis Commenced     | May 09, 2025   |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |   |  |                  |
|                             | (APHA / USEPA)   |      |           |        |   |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid  |      |           |        |   |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |
| Water Testing               |  |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 74.4   | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Royong           |
| Oil & Grease                | mg/L   | -    | 3         | 6      | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Kayong           |
| pH (on site) *              | -  | -    | -         | 8.3    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Royong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sarawat Narapong วสุวิมลสาร 3-323-a-0011

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วสุวิมลสาร 3-323-a-0001

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3291779-1 (3291779-1)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2536523  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291812-1

Page 1 of 1

| Sample Number               | 2536523-1   |      |           |        |   |  |                  |  |  |
|-----------------------------|---|------|-----------|--------|---|--|------------------|--|--|
| Sampled Date                | May 09, 2025 11:55 AM   |      |           |        |   |  |                  |  |  |
| Sample Description          | Wastewater  |      |           |        |   |  |                  |  |  |
| Contract ID                 | L_WHA   | Plot | Z-64      | Site   | Top Link Industrial (Thailand) Co.,Ltd. |  |                  |  |  |
|                             | CIE1_003_2565   |      |           |        |   |  |                  |  |  |
| Date Analysis Commenced     | May 09, 2025  |      |           |        |   |  |                  |  |  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |                  |  |  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |   |  |                  |  |  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |  |  |
| <b>Water Testing</b>        |   |      |           |        |   |  |                  |  |  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 67.7   | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |  |  |
| Oil & Grease                | mg/L  | -    | 3         | 9      | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |  |  |
| pH (on site) *              | -   | -    | -         | 8.2    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |  |  |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sarawat Nanyong วรณิณานนท์ 3-323-a-0011

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Scientist (4)  
วรณิณานนท์ 3-323-a-0028

Senior Manager  
วรณิณานนท์ 3-323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2536506  
Date Received : May 09, 2025  
Date Reported : May 16, 2025  
Report Number : 3291795-1

Page 1 of 1

| Sample Number               | 2536506-1   |      |           |        |                                      |  |                  |
|-----------------------------|---|------|-----------|--------|--------------------------------------|--|------------------|
| Sampled Date                | May 09, 2025 11:11 AM   |      |           |        |                                      |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                      |  |                  |
| Contract ID                 | L_WHA   | Plot | Z-550     | Site   | Ultimate Springs (Thailand) Co.,Ltd. |  |                  |
|                             | CIE1_006_2563   |      |           |        |                                      |  |                  |
| Date Analysis Commenced     | May 09, 2025  |      |           |        |                                      |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                      |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and some turbid   |      |           |        |                                      |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification            | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                                      |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 23.2   | ≤500                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 8.0    | 5.5-9.0                              | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Sarawat Nanyong วรณิณานนท์ 3-323-a-0011

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Scientist (4)  
วรณิณานนท์ 3-323-a-0028

Senior Manager  
วรณิณานนท์ 3-323-a-0001

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3/202501\_01\_01\_01 (3/2025)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2536481  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291758-1

Page 1 of 1

| Sample Number               | 2536481-1   |      |           |        |   |  | Page 1 of 2      |
|-----------------------------|---|------|-----------|--------|---|--|------------------|
| Sampled Date                | May 08, 2025 3:05 PM  |      |           |        |   |  |                  |
| Sample Description          | Wastewater  |      |           |        |   |  |                  |
| Contract ID                 | L_CIE_003_2550  | Plot | F-9       | Site   | Van Leeuwen Pipe and Tube (Thailand) Ltd. |  |                  |
| Date Analysis Commenced     | May 08, 2025  |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and no turbid  |      |           |        |   |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification                 | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 87.0   | ≤500                                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 0      | ≤10                                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 8.0    | 5.5-9.0                                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek วรณิณานนท์ 3-323-a-0021

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Scientist (4)  
วรณิณานนท์ 3-323-a-0028

Senior Manager  
วรณิณานนท์ 3-323-a-0001

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3/202501\_01\_01\_01 (3/2025)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2536527  
Date Received : May 08, 2025  
Date Reported : May 15, 2025  
Report Number : 3291816-1

Page 1 of 1

| Sample Number               | 2536527-1   |      |           |        |                           |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | May 08, 2025 10:42 AM   |      |           |        |                           |  |                  |
| Sample Description          | Wastewater  |      |           |        |                           |  |                  |
| Contract ID                 | L_WHA   | Plot | B-10C     | Site   | V-SACHET Co.,Ltd.         |  |                  |
|                             | CIE1_006_2565   |      |           |        |                           |  |                  |
| Date Analysis Commenced     | May 08, 2025  |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |  |                  |
| Physical Property           | Yellow, a lot of odour, solid and turbid  |      |           |        |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 24.7   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 3      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek วรณิณานนท์ 3-323-a-0021

Remark :  
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Technical Management

Scientist (4)  
วรณิณานนท์ 3-323-a-0028

Senior Manager  
วรณิณานนท์ 3-323-a-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2548070  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311907-2

Page 1 of 1

Sample Number 2548070-1  
Sampled Date Jun 10, 2025 9:55 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_003\_2559 Plot A Site B. Grimm Power (WHA) 1 Limited.  
Location Office  
Date Analysis Commenced Jun 10, 2025  
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte       | Unit              | LOD | LOQ (LOR) | Result      | Guideline / Specification         | Method        | Testing Location |
|---------------|-------------------|-----|-----------|-------------|-----------------------------------|---------------|------------------|
| Water Testing |                   |     |           |             |                                   |               |                  |
| Flow rate     | m <sup>3</sup> /s | -   | -         | No Velocity | No Standard                       | Flow meter    | Rayong           |
| Odour         |                   | -   | -         | Odourless   | Not Change from natural condition | TIS, 257-2549 | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Scientist (2)

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042  
Lot ID: 2548071  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311908-1

Page 1 of 2

Sample Number 2548071-1  
Sampled Date Jun 10, 2025 9:58 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_003\_2559 Plot A Site B. Grimm Power (WHA) 1 Limited.  
Location Process  
Date Analysis Commenced Jun 10, 2025  
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property Colorless, some odour, solid and no turbid

| Analyte                     | Unit     | LOD | LOQ (LOR) | Result | Guideline / Specification | Method  | Testing Location |
|-----------------------------|----------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing               |          |     |           |        |                           |   |                  |
| BOD (5 days at 20 Degree C) | mg/L     | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2021, part 5210 B, part 4500 - O <sub>2</sub> G | Rayong           |
| COD                         | mg/L     | 1.5 | 25        | 29     | ≤750                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2021, part 5220 D                               | Rayong           |
| Color (at Original pH)      | ADMI     | -   | 5         | 8      | ≤600                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2021, part 2120 F                               | Rayong           |
| Color (at pH 7.0)           | ADMI     | -   | 5         | 8      | ≤600                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2021, part 2120 F                               | Rayong           |
| Oil & Grease                | mg/L     | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2021, part 5520 B                               | Rayong           |
| pH (on site) *              |          | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2021, part 4500 - H (B)                         | Rayong           |
| Residual Free Chlorine *    | mg/L     | -   | 0.1       | <0.1   | ≤1                        | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2021, part 4500-Cl (F)                          | Rayong           |
| Temperature *               | Degree C | -   | -         | 31.2   | ≤45                       | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2021, part 2550 B                               | Rayong           |

Technical Management

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

TESTING  
No.0042  
Lot ID: 2548071  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311908-1

Page 2 of 2

Sample Number 2548071-1  
Sampled Date Jun 10, 2025 9:58 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_003\_2559 Plot A Site B. Grimm Power (WHA) 1 Limited.  
Location Process  
Date Analysis Commenced Jun 10, 2025  
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property Colorless, some odour, solid and no turbid

| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing                                    |      |     |           |        |                           |  |                  |
| Total Dissolved Solids Dried at 180 degree C     | mg/L | -   | 5         | 1270   | ≤3000                     | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2021, part 2540 C                        | Rayong           |
| Total Kjeldahl Nitrogen as N                     | mg/L | -   | 1.0       | 1.2    | ≤100                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2021, part 4500 - Norg (C), part NPO (D) | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | -   | 5         | <5     | ≤200                      | Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2021, part 2540 D                        | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Scientist (4)  
สมัครเกียรติ น.323-4-0028

Senior Manager  
สมัครเกียรติ น.323-4-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2548071  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311908-2

Page 1 of 1

Sample Number 2548071-1  
Sampled Date Jun 10, 2025 9:58 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_003\_2559 Plot A Site B. Grimm Power (WHA) 1 Limited.  
Location Process  
Date Analysis Commenced Jun 10, 2025  
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)  
Physical Property Colorless, some odour, solid and no turbid

| Analyte       | Unit              | LOD | LOQ (LOR) | Result    | Guideline / Specification | Method        | Testing Location |
|---------------|-------------------|-----|-----------|-----------|---------------------------|---------------|------------------|
| Water Testing |                   |     |           |           |                           |               |                  |
| Flow rate     | m <sup>3</sup> /s | -   | -         | 0.017     | No Standard               | Flow meter    | Rayong           |
| Odour         |                   | -   | -         | Odourless | No Standard               | TIS, 257-2549 | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattanasak

Remark :  
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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547935  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311814-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2547935-1  
Sampled Date Jun 10, 2025 9:41 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_002\_2550 Plot B.I.G Site B.I.G. Co.,Ltd.  
Date Analysis Commenced Jun 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 30.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |      | -   | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖323-๙-0021

Remark :  
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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2548065  
Date Received : Jun 12, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311903-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2548065-1  
Sampled Date Jun 12, 2025 2:44 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_002\_2555 Plot Z-68 Site BHN (THAILAND) Co.,Ltd.  
Date Analysis Commenced Jun 12, 2025  
Condition of Sample Contained in one amber glass bottle and two plastic bottles. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing                                    |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L | -   | 2.0       | 22.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| COD  | mg/L | 1.5 | 25        | 87     | ≤750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                     | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   |      | -   | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | -   | 5         | 94     | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖323-๙-0021

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2548056  
Date Received : Jun 10, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311911-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2548056-1  
Sampled Date Jun 10, 2025 10:48 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_003\_2550 Plot B-5 Site Boncafe (Thailand) Ltd.  
Date Analysis Commenced Jun 10, 2025  
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, some odour, solid and turbid

| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing                                    |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L | -   | 2.0       | 37.7   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                                     | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   |      | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | -   | 5         | 27     | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖323-๙-0021

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547946  
Date Received : Jun 10, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311829-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2547946-1  
Sampled Date Jun 10, 2025 10:32 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_009\_2557 Plot B-04 Site Castool Tooling systems  
Date Analysis Commenced Jun 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 6.9    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |      | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖323-๙-0021

Remark :  
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Technical Management



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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2548007  
Date Received : Jun 12, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311939-1

Page 1 of 1

Sample Number : 2548007-1  
Sampled Date : Jun 12, 2025 10:36 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE\_010\_2564 Plot : Z.34-Z.38 Site : Coleraise (Thailand) Co.,Ltd.  
Date Analysis Commenced : Jun 12, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APIA / USEPA)  
Physical Property : Yellow, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 17.1   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattimasek รหัสประจำตัว > 323-a-0001

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

SECRET (2)  
ผู้ควบคุมการสุ่ม > 323-a-0004  
Senior Manager  
ผู้ควบคุมการสุ่ม > 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2547991  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311915-1

Page 1 of 1

Sample Number : 2547991-1  
Sampled Date : Jun 11, 2025 3:33 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE\_001\_2563 Plot : D.13/L.D.13/3(A) Site : Chonburi Clean Energy Co.,Ltd.  
Date Analysis Commenced : Jun 11, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APIA / USEPA)  
Physical Property : Yellow, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 101    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattimasek รหัสประจำตัว > 323-a-0001

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

SECRET (2)  
ผู้ควบคุมการสุ่ม > 323-a-0004  
Senior Manager  
ผู้ควบคุมการสุ่ม > 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2547979  
Date Received : Jun 12, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311873-1

Page 1 of 1

Sample Number : 2547979-1  
Sampled Date : Jun 12, 2025 2:28 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_008\_2550 Plot : Z-48 Site : Col Tech Steel (Thailand) Co.,Ltd.  
Date Analysis Commenced : Jun 12, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APIA / USEPA)  
Physical Property : Colorless, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattimasek รหัสประจำตัว > 323-a-0001

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.  
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

SECRET (2)  
ผู้ควบคุมการสุ่ม > 323-a-0004  
Senior Manager  
ผู้ควบคุมการสุ่ม > 323-a-0001

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0127-123 (THAILAND)

0127(THAILAND)\_AL (L)\_up (L) 0127(THAILAND)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2547953  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311836-1

Page 1 of 1

Sample Number : 2547953-1  
Sampled Date : Jun 10, 2025 2:09 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_004\_2550 Plot : E-5 Site : Daifuku (Thailand) Ltd.  
Date Analysis Commenced : Jun 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APIA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 139    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattimasek รหัสประจำตัว > 323-a-0001

Remark :  
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Technical Management

SECRET (2)  
ผู้ควบคุมการสุ่ม > 323-a-0008  
Senior Manager  
ผู้ควบคุมการสุ่ม > 323-a-0001

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547987  
Date Received : Jun 12, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311884-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2547987-1  
Sampled Date : Jun 12, 2025 2:54 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_006\_2562 Plot : Z.67 Site : DT Wiring Systems (Thailand) Co.,Ltd.  
Date Analysis Commenced : Jun 12, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 22.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattimasek วสุฒิณารักษ์ > 323-a-0001

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วสุฒิณารักษ์ > 323-a-0004

Senior Manager  
วสุฒิณารักษ์ > 323-a-0001

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3311884-1, 3311884-1



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547989  
Date Received : Jun 12, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311886-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2547989-1  
Sampled Date : Jun 12, 2025 3:08 PM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE1\_006\_2562 Plot : Z.52 Site : DTS Drandrasur Automotive Systems (Thailand) Co.,Ltd.  
Date Analysis Commenced : Jun 12, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : Yellow, a lot of odour, some solid and turbid

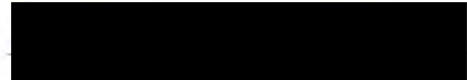
| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 183    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattimasek วสุฒิณารักษ์ > 323-a-0001

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วสุฒิณารักษ์ > 323-a-0004

Senior Manager  
วสุฒิณารักษ์ > 323-a-0001

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3311886-1, 3311886-1



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547936  
Date Received : Jun 11, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311815-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2547936-1  
Sampled Date : Jun 11, 2025 9:25 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_005\_2550 Plot : A-1 Site : Dusholux (Siam) Co.,Ltd.  
Date Analysis Commenced : Jun 11, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 14.6   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.8    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattimasek วสุฒิณารักษ์ > 323-a-0001

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Technical Management



Senior Manager  
วสุฒิณารักษ์ > 323-a-0004

Senior Manager  
วสุฒิณารักษ์ > 323-a-0001

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3311815-1, 3311815-1



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547980  
Date Received : Jun 12, 2025  
Date Reported : Jun 19, 2025  
Report Number : 3311874-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2547980-1  
Sampled Date : Jun 12, 2025 2:35 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_007\_2550 Plot : Z-49 Site : ERRO Valves (Thailand) Co.,Ltd.  
Date Analysis Commenced : Jun 12, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property : Black, a lot of odour, some solid and turbid

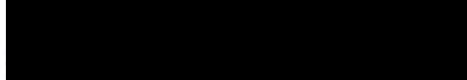
| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 70.5   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattimasek วสุฒิณารักษ์ > 323-a-0001

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วสุฒิณารักษ์ > 323-a-0004

Senior Manager  
วสุฒิณารักษ์ > 323-a-0001

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3311874-1, 3311874-1



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2548001  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311933-1

Page 1 of 1

| Sample Number               | 2548001-1  |      |           |        |                           |  |                  |
|-----------------------------|--|------|-----------|--------|---------------------------|--|------------------|
| Sampled Date                | Jun 11, 2025 11:21 AM  |      |           |        |                           |  |                  |
| Sample Description          | Wastewater   |      |           |        |                           |  |                  |
| Contract ID                 | L_WHA  | Plot | B6-A      | Site   | ENRX Limited              |  |                  |
|                             | CIE1_002_2564  |      |           |        |                           |  |                  |
| Date Analysis Commenced     | Jun 11, 2025   |      |           |        |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                           |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, some solid and turbid  |      |           |        |                           |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 42.1   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5200 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattinnosolk ๖-323-๔-0001

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Technical Management

SECRET (2)  
๖-323-๔-0004

Senior Manager  
๖-323-๔-0001

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0127-123 (THAI)

3311933-1 (0042)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2548021  
Date Received : Jun 12, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311955-1

Page 1 of 1

| Sample Number               | 2548021-1  |      |           |        |                                    |  |                  |
|-----------------------------|--|------|-----------|--------|------------------------------------|--|------------------|
| Sampled Date                | Jun 12, 2025 9:50 AM   |      |           |        |                                    |  |                  |
| Sample Description          | Wastewater   |      |           |        |                                    |  |                  |
| Contract ID                 | L_WHA  | Plot | Z-59E     | Site   | FES & RAYSOAR ELECTRONICS Co.,Ltd. |  |                  |
|                             | CIE1_003_2566  |      |           |        |                                    |  |                  |
| Date Analysis Commenced     | Jun 12, 2025   |      |           |        |                                    |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                                    |  |                  |
| Physical Property           | (APHA / USEPA)<br>Colorless, some odour, solid and no turbid   |      |           |        |                                    |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification          | Method   | Testing Location |
| Water Testing               |  |      |           |        |                                    |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | <2.0   | ≤500                               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | <3     | ≤10                                | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.9    | 5.5-9.0                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattinnosolk ๖-323-๔-0001

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

SECRET (2)  
๖-323-๔-0004

Senior Manager  
๖-323-๔-0001

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0127-123 (THAI)

3311955-1 (0042)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2547986  
Date Received : Jun 12, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311883-1

Page 1 of 1

Page 1 of 1

| Sample Number               | 2547986-1  |      |           |        |                                       |  |                  |
|-----------------------------|--|------|-----------|--------|---------------------------------------|--|------------------|
| Sampled Date                | Jun 12, 2025 10:01 AM  |      |           |        |                                       |  |                  |
| Sample Description          | Wastewater   |      |           |        |                                       |  |                  |
| Contract ID                 | L_WHA  | Plot | Z-59F     | Site   | FES International (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced     | CIE1_002_2562<br>Jun 12, 2025  |      |           |        |                                       |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment : preservation standards.<br>(APHA / USEPA) |      |           |        |                                       |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid  |      |           |        |                                       |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification             | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |                                       |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 45.1   | ≤500                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | <3     | ≤10                                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -  | -    | -         | 8.1    | 5.5-9.0                               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattinnosolk ๖-323-๔-0001

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.  
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

SECRET (2)  
๖-323-๔-0004

Senior Manager  
๖-323-๔-0001

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Life Sciences

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RIGHT SOLUTIONS RIGHT PARTNER

0127-123 (THAI)

3311883-1 (0042)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2548010  
Date Received : Jun 12, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311942-1

Page 1 of 1

Page 1 of 1

| Sample Number               | 2548010-1  |      |           |        |                            |  |                  |
|-----------------------------|--|------|-----------|--------|----------------------------|--|------------------|
| Sampled Date                | Jun 12, 2025 9:59 AM   |      |           |        |                            |  |                  |
| Sample Description          | Wastewater   |      |           |        |                            |  |                  |
| Contract ID                 | L_WHA  | Plot | Z-59G     | Site   | FES International Co.,Ltd. |  |                  |
|                             | CIE1_002_2565  |      |           |        |                            |  |                  |
| Date Analysis Commenced     | Jun 12, 2025   |      |           |        |                            |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.<br>(APHA / USEPA) |      |           |        |                            |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid  |      |           |        |                            |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification  | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |                            |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 46.1   | ≤500                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | <3     | ≤10                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 520 B                   | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.6    | 5.5-9.0                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattinnosolk ๖-323-๔-0001

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.  
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

SECRET (2)  
๖-323-๔-0004

Senior Manager  
๖-323-๔-0001

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0127-123 (THAI)

3311942-1 (0042)





## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2548008  
Date Received : Jun 12, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311949-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number               | 2548008-1  |      |           |        |                                 |  |                  |
|-----------------------------|--|------|-----------|--------|---------------------------------|--|------------------|
| Sampled Date                | Jun 12, 2025 3:03 PM   |      |           |        |                                 |  |                  |
| Sample Description          | Wastewater   |      |           |        |                                 |  |                  |
| Contract ID                 | L_CIE_010_2558   | Plot | Z-66      | Site   | Finiox Global Industry Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Jun 12, 2025   |      |           |        |                                 |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                                 |  |                  |
| Physical Property           | (APHA / USEPA)<br>Colorless, some odour, a lot of solid and some turbid  |      |           |        |                                 |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification       | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |                                 |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 14.7   | ≤500                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | <3     | ≤10                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.5    | 5.5-9.0                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattamasak วัฒนธรรพ์ 3-323-a-0001

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (7)  
วัฒนธรรพ์ 3-323-a-0004

Senior Manager  
วัฒนธรรพ์ 3-323-a-0001

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3311949-1, 0127-123 (THAILAND)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547962  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311856-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number               | 2547962-1   |      |           |        |  |  |                  |
|-----------------------------|---|------|-----------|--------|--|--|------------------|
| Sampled Date                | Jun 10, 2025 10:56 AM   |      |           |        |  |  |                  |
| Sample Description          | Wastewater  |      |           |        |  |  |                  |
| Contract ID                 | L_CIE_011_2558  | Plot | B-6       | Site   | FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT |  |                  |
| Location                    | พื้นที่อุตสาหกรรมเทศบาล   |      |           |        |  |  |                  |
| Date Analysis Commenced     | Jun 10, 2025  |      |           |        |  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |  |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |  |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification                                      | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 83.2   | ≤500   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 5      | ≤10  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 8.0    | 5.5-9.0  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattamasak วัฒนธรรพ์ 3-323-a-0001

Remark :  
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Technical Management



Scientist (7)  
วัฒนธรรพ์ 3-323-a-0008

Senior Manager  
วัฒนธรรพ์ 3-323-a-0001

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3311856-1, 0127-123 (THAILAND)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2548019  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311952-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number               | 2548019-1  |      |           |        |  |  |                  |  |  |
|-----------------------------|--|------|-----------|--------|--|--|------------------|--|--|
| Sampled Date                | Jun 10, 2025 3:03 PM   |      |           |        |  |  |                  |  |  |
| Sample Description          | Wastewater   |      |           |        |  |  |                  |  |  |
| Contract ID                 | L_CIE_011_2557   | Plot | D-1       | Site   | FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT |  |                  |  |  |
| Date Analysis Commenced     | Jun 10, 2025   |      |           |        |  |  |                  |  |  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |  |  |                  |  |  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, solid and some turbid  |      |           |        |  |  |                  |  |  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification                                      | Method   | Testing Location |  |  |
| <b>Water Testing</b>        |  |      |           |        |  |  |                  |  |  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 15.4   | ≤500   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |  |  |
| Oil & Grease                | mg/L   | -    | 3         | <3     | ≤10  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |  |  |
| pH (on site) *              | -  | -    | -         | 7.8    | 5.5-9.0  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |  |  |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattamasak วัฒนธรรพ์ 3-323-a-0001

Remark :  
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Technical Management



Scientist (4)  
วัฒนธรรพ์ 3-323-a-0028

Senior Manager  
วัฒนธรรพ์ 3-323-a-0001

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3311952-1, 0127-123 (THAILAND)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547955  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311839-1

P/O :  
Project Name : Factory I Monthly  
Project Location: WHA CIE 1

Page 1 of 1

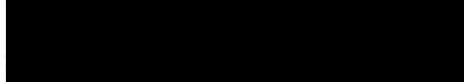
| Sample Number               | 2547955-1   |      |           |        |  |  |                  |
|-----------------------------|---|------|-----------|--------|--|--|------------------|
| Sampled Date                | Jun 10, 2025 2:54 PM  |      |           |        |  |  |                  |
| Sample Description          | Wastewater  |      |           |        |  |  |                  |
| Contract ID                 | L_CIE_010_2557  | Plot | D-2       | Site   | FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD REIT |  |                  |
| Date Analysis Commenced     | Jun 10, 2025  |      |           |        |  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |  |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |  |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification                                      | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 46.8   | ≤500   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 8.0    | 5.5-9.0  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattamasak วัฒนธรรพ์ 3-323-a-0001

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Technical Management



Scientist (7)  
วัฒนธรรพ์ 3-323-a-0028

Senior Manager  
วัฒนธรรพ์ 3-323-a-0001

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3311839-1, 0127-123 (THAILAND)







## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547973  
Date Received : Jun 12, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311867-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2547973-1  
Sampled Date : Jun 12, 2025 10:12 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_009\_2556 Plot : Z-16-17 Site : FRASERS PROPERTY THAILAND INDUSTRIAL FREEHOLD & LEASEHOLD RETT  
Date Analysis Commenced : Jun 12, 2025

Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, a lot of solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 39.7   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattinnosuk วรณิณวณร 3-323-a-0001

Remark :  
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Technical Management

SECRET (2)  
วรณิณวณร 3-323-a-0004  
Senior Manager  
วรณิณวณร 3-323-a-0001

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3311867-1 (0042)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547995  
Date Received : Jun 10, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311920-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2547995-1  
Sampled Date : Jun 10, 2025 11:07 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE\_011\_2563 Plot : B-7 Site : Glory Winner (Thailand) Co.,Ltd.  
Date Analysis Commenced : Jun 10, 2025

Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 24.8   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattinnosuk วรณิณวณร 3-323-a-0001

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

SECRET (2)  
วรณิณวณร 3-323-a-0004  
Senior Manager  
วรณิณวณร 3-323-a-0001

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3311920-1 (0042)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547954  
Date Received : Jun 12, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311838-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2547954-1  
Sampled Date : Jun 12, 2025 2:17 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_009\_2550 Plot : H-1 Site : Glow JPP Co.,Ltd.  
Location : Office  
Date Analysis Commenced : Jun 12, 2025

Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Orange, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 87.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattinnosuk วรณิณวณร 3-323-a-0001

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

SECRET (2)  
วรณิณวณร 3-323-a-0004  
Senior Manager  
วรณิณวณร 3-323-a-0001

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3311838-1 (0042)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547994  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311919-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2547994-1  
Sampled Date : Jun 10, 2025 9:30 AM  
Sample Description : Wastewater  
Contract ID : L\_WHA CIE\_010\_2563 Plot : BC Site : Hardware King Co.,Ltd.  
Date Analysis Commenced : Jun 10, 2025

Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattinnosuk วรณิณวณร 3-323-a-0001

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

SECRET (2)  
วรณิณวณร 3-323-a-0008  
Senior Manager  
วรณิณวณร 3-323-a-0001

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3311919-1 (0042)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2548000  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311932-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number 2548000-1  
Sampled Date Jun 11, 2025 11:07 AM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_001\_2564 Plot B-8 Site HE Plus Import/Export Co.,Ltd.  
Date Analysis Commenced Jun 11, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 4.1    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattamasak ๖323-๔-0021

Remark :

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Section Head  
๖323-๔-0004

Senior Manager  
๖323-๔-0001

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53700001\_AL (L-04) (1-0046)



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2548068  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311906-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number 2548068-1  
Sampled Date Jun 10, 2025 10:16 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_011\_2550 Plot B-1 Site Honey Well Electronic Materials (Thailand) Co.,Ltd.  
Date Analysis Commenced Jun 10, 2025  
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, some odour, solid and no turbid

| Analyte                                      | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>                         |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                  | mg/L | -   | 2.0       | 7.3    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                                 | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                               | -    | -   | -         | 6.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L | -   | 5         | 996    | ≤3000                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |

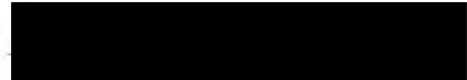
Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattamasak ๖323-๔-0021, Pataraporn Sawangpatum ๖204-๔-0002

Remark :

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Technical Management



Section Head  
๖323-๔-0004

Senior Manager  
๖323-๔-0001

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## Analysis / Test Report

TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2548068  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311906-2

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number 2548068-1  
Sampled Date Jun 10, 2025 10:16 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_011\_2550 Plot B-1 Site Honey Well Electronic Materials (Thailand) Co.,Ltd.  
Date Analysis Commenced Jun 11, 2025  
Condition of Sample Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, some odour, solid and no turbid

| Analyte               | Unit | LOD    | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------|------|--------|-----------|--------|---------------------------|--|------------------|
| <b>Metals Testing</b> |      |        |           |        |                           |  |                  |
| Nickel                | mg/L | 0.0003 | 0.0005    | 0.13   | ≤1.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3130 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattamasak ๖323-๔-0021, Pataraporn Sawangpatum ๖204-๔-0002

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Section Head  
๖204-๔-0008

Assistant General Manager  
๖204-๔-0004

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547997  
Date Received : Jun 12, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311930-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number 2547997-1  
Sampled Date Jun 12, 2025 3:39 PM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_016\_2563 Plot Z-63 Site Imanaka (Thailand) Co.,Ltd.  
Date Analysis Commenced Jun 12, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 101    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.3    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

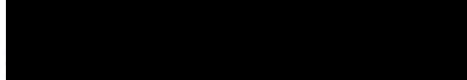
Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattamasak ๖323-๔-0021

Remark :

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Technical Management



Section Head  
๖323-๔-0004

Senior Manager  
๖323-๔-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547943  
Date Received : Jun 11, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311825-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number               | 2547943-1   |      |           |        |                              |   |                  |
|-----------------------------|---|------|-----------|--------|------------------------------|---|------------------|
| Sampled Date                | Jun 11, 2025 10:43 AM   |      |           |        |                              |   |                  |
| Sample Description          | Wastewater  |      |           |        |                              |   |                  |
| Contract ID                 | L_CIE_001_2556  | Plot | B-11C     | Site   | Kuriyama (Thailand) Co.,Ltd. |   |                  |
| Date Analysis Commenced     | Jun 11, 2025  |      |           |        |                              |   |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                              |   |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                              |   |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification    | Method  | Testing Location |
| Water Testing               |   |      |           |        |                              |   |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 60.1   | ≤500                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O <sub>5</sub> | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 4      | ≤10                          | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                             | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.7    | 5.5-9.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)                       | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖๓๒๙๙๙๙๙ ๖-323-๙-0021

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Signature (T)  
๖๓๒๙๙๙๙๙ ๖-323-๙-0004

Senior Manager  
๖๓๒๙๙๙๙๙ ๖-323-๙-0001

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0121-123 0966

3/19/2025, AL\_01\_04 (1:12:09PM)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2548066  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311904-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

| Sample Number                                | 2548066-1  |      |           |                                 |                           |  |                  |
|--|--|------|-----------|---------------------------------|---------------------------|--|------------------|
| Sampled Date                                 | Jun 11, 2025 2:10 PM   |      |           |                                 |                           |  |                  |
| Sample Description                           | Wastewater   |      |           |                                 |                           |  |                  |
| Contract ID                                  | L_CIE_020_2550   | Plot | Z-3       | Site Kyoden (Thailand) Co.,Ltd. |                           |  |                  |
| Location                                     | Factory 1  |      |           |                                 |                           |  |                  |
| Date Analysis Commenced                      | Jun 11, 2025   |      |           |                                 |                           |  |                  |
| Condition of Sample                          | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |                                 |                           |  |                  |
| Physical Property                            | Colorless, some odour, solid and no turbid   |      |           |                                 |                           |  |                  |
| Analyte                                      | Unit   | LOD  | LOQ (LOR) | Result                          | Guideline / Specification | Method   | Testing Location |
| Water Testing                                |  |      |           |                                 |                           |  |                  |
| BOD (5 days at 20 Degree C)                  | mg/L   | -    | 2.0       | 12.1                            | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |
| Oil & Grease                                 | mg/L   | -    | 3         | <3                              | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                               |  | -    | -         | 7.8                             | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Dissolved Solids Dried at 180 degree C | mg/L   | -    | 5         | 548                             | ≤3000                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖๓๒๙๙๙๙๙ ๖-323-๙-0021, Pattarapol Sawangjattam ๖๓๒๙๙๙๙๙ ๖-204-๙-0002

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Signature (T)  
๖๓๒๙๙๙๙๙ ๖-323-๙-0004

Senior Manager  
๖๓๒๙๙๙๙๙ ๖-323-๙-0001

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0121-123 0966

3/19/2025, AL\_01\_04 (1:12:09PM)



## Analysis / Test Report



TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2548066  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311904-2

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Page 1 of 1

| Sample Number           | 2548066-1  |        |           |        |                            |  |                  |
|-------------------------|--|--------|-----------|--------|----------------------------|--|------------------|
| Sampled Date            | Jun 11, 2025 2:10 PM   |        |           |        |                            |  |                  |
| Sample Description      | Wastewater   |        |           |        |                            |  |                  |
| Contract ID             | L_CIE_020_2550   | Plot   | Z-3       | Site   | Kyoden (Thailand) Co.,Ltd. |  |                  |
| Location                | Factory 1  |        |           |        |                            |  |                  |
| Date Analysis Commenced | Jun 12, 2025   |        |           |        |                            |  |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |        |                            |  |                  |
| Physical Property       | Colorless, some odour, solid and no turbid   |        |           |        |                            |  |                  |
| Analyte                 | Unit   | LOD    | LOQ (LOR) | Result | Guideline / Specification  | Method   | Testing Location |
| Metals Testing          |  |        |           |        |                            |  |                  |
| Copper                  | mg/L   | 0.0003 | 0.0005    | 0.64   | ≤2.0                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3100 F | Bangkok          |
| Nickel                  | mg/L   | 0.0003 | 0.0005    | 0.002  | ≤1.0                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3100 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖๓๒๙๙๙๙๙ ๖-323-๙-0021, Pattarapol Sawangjattam ๖๓๒๙๙๙๙๙ ๖-204-๙-0002

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Manager  
๖๓๒๙๙๙๙๙ ๖-204-๙-0007

Assistant General Manager  
๖๓๒๙๙๙๙๙ ๖-204-๙-0004

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0121-123 0966

3/19/2025, AL\_01\_04 (1:12:09PM)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2548067  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311905-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Page 1 of 8

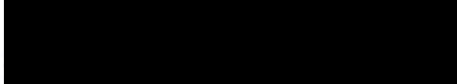
| Sample Number                                | 2548067-1  |      |           |        |                           |   |                  |  |  |  |  |
|--|--|------|-----------|--------|---------------------------|---|------------------|--|--|--|--|
| Sampled Date                                 | Jun 11, 2025 2:25 PM   |      |           |        |                           |   |                  |  |  |  |  |
| Sample Description                           | Wastewater   |      |           |        |                           |   |                  |  |  |  |  |
| Contract ID                                  | L_CIE_021_2550   | Plot | Z-6       | Site   |                           |   |                  |  |  |  |  |
| Location                                     | Kyoden (Thailand) Co.,Ltd.   |      |           |        |                           |   |                  |  |  |  |  |
| Date Analysis Commenced                      | Jun 11, 2025   |      |           |        |                           |   |                  |  |  |  |  |
| Condition of Sample                          | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                           |   |                  |  |  |  |  |
| Physical Property                            | Colorless, some odour, solid and no turbid   |      |           |        |                           |   |                  |  |  |  |  |
| Analyte                                      | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method  | Testing Location |  |  |  |  |
| Water Testing                                |  |      |           |        |                           |   |                  |  |  |  |  |
| BOD (5 days at 20 Degree C)                  | mg/L   | -    | 2.0       | 19.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O <sub>5</sub> | Rayong           |  |  |  |  |
| Oil & Grease                                 | mg/L   | -    | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                             | Rayong           |  |  |  |  |
| pH (on site) *                               |  | -    | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)                       | Rayong           |  |  |  |  |
| Total Dissolved Solids Dried at 180 degree C | mg/L   | -    | 5         | 404    | ≤3000                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                             | Rayong           |  |  |  |  |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖๓๒๙๙๙๙๙ ๖-323-๙-0021, Pattarapol Sawangjattam ๖๓๒๙๙๙๙๙ ๖-204-๙-0002

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Signature (T)  
๖๓๒๙๙๙๙๙ ๖-323-๙-0004

Senior Manager  
๖๓๒๙๙๙๙๙ ๖-323-๙-0001

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0121-123 0966

3/19/2025, AL\_01\_04 (1:12:09PM)





## Analysis / Test Report



TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2548067  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311857-2

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number           | 2548067-1  |        |           |        |                           |  |                  |
|-------------------------|--|--------|-----------|--------|---------------------------|--|------------------|
| Sampled Date            | Jun 11, 2025 2:25 PM   |        |           |        |                           |  |                  |
| Sample Description      | Wastewater   |        |           |        |                           |  |                  |
| Contract ID             | L_CIE_001_2550   | Plot   | Z-6       | Site   | Kyodm (Thailand) Co.,Ltd. |  |                  |
| Location                | Factory 2  |        |           |        |                           |  |                  |
| Date Analysis Commenced | Jun 12, 2025   |        |           |        |                           |  |                  |
| Condition of Sample     | Contained in one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |        |           |        |                           |  |                  |
| Physical Property       | Colorless, some odour, solid and no turbid   |        |           |        |                           |  |                  |
| Analyte                 | Unit   | LOD    | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
| Metals Testing          |  |        |           |        |                           |  |                  |
| Copper                  | mg/L   | 0.0003 | 0.0005    | 1.05   | ≤2.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F | Bangkok          |
| Nickel                  | mg/L   | 0.0003 | 0.0005    | 0.001  | ≤1.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattamasak วัฒนสุวานนท์ 323-4-0021 , Pattarapol Sawangjatan วัฒนสุวานนท์ 3204-4-0002

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



วัฒนสุวานนท์ 3204-4-0002

วัฒนสุวานนท์ 3204-4-0004

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3311857-2



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547963  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311857-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2547963-1   |      |           |        |                              |  |                  |
|-----------------------------|---|------|-----------|--------|------------------------------|--|------------------|
| Sampled Date                | Jun 11, 2025 11:18 AM   |      |           |        |                              |  |                  |
| Sample Description          | Wastewater  |      |           |        |                              |  |                  |
| Contract ID                 | L_CIE_013_2557  | Plot | B-68      | Site   | Kyowa SS (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Jun 11, 2025  |      |           |        |                              |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                              |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                              |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification    | Method   | Testing Location |
| Water Testing               |   |      |           |        |                              |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 24.6   | ≤500                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                          | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.4    | 5.5-9.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattamasak วัฒนสุวานนท์ 323-4-0021

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



วัฒนสุวานนท์ 323-4-0004

วัฒนสุวานนท์ 323-4-0002

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3311857-1



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547941  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311831-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2547941-1   |      |           |        |                                     |  |                  |
|-----------------------------|---|------|-----------|--------|-------------------------------------|--|------------------|
| Sampled Date                | Jun 10, 2025 3:36 PM  |      |           |        |                                     |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                     |  |                  |
| Contract ID                 | L_CIE_001_2554  | Plot | A-5/1     | Site   | Laem Chabang Tank Services Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Jun 10, 2025  |      |           |        |                                     |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                     |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and no turbid  |      |           |        |                                     |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification           | Method   | Testing Location |
| Water Testing               |   |      |           |        |                                     |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | —    | 2.0       | 26.7   | ≤500                                | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | —    | 3         | <3     | ≤10                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | —   | —    | —         | 7.7    | 5.5-9.0                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattamasak วัฒนสุวานนท์ 323-4-0021

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Technical Management



วัฒนสุวานนท์ 323-4-0028

วัฒนสุวานนท์ 323-4-0001

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3311831-1



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547947  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311831-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

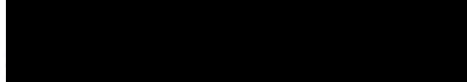
Page 1 of 1

| Sample Number               | 2547947-1   |      |           |        |                               |  |                  |
|-----------------------------|---|------|-----------|--------|-------------------------------|--|------------------|
| Sampled Date                | Jun 11, 2025 11:13 AM   |      |           |        |                               |  |                  |
| Sample Description          | Wastewater  |      |           |        |                               |  |                  |
| Contract ID                 | L_CIE_001_2551  | Plot | B-7       | Site   | Lungka Products Asia Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Jun 11, 2025  |      |           |        |                               |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                               |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                               |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification     | Method   | Testing Location |
| Water Testing               |   |      |           |        |                               |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 52.5   | ≤500                          | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/l  | -    | 3         | <3     | ≤10                           | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.2    | 5.5-9.0                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattamasak วัฒนสุวานนท์ 323-4-0021

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



วัฒนสุวานนท์ 323-4-0004

วัฒนสุวานนท์ 323-4-0001

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3311831-1



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2548020  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311953-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2548020-1  |      |           |        |   |  |                  |
|-----------------------------|--|------|-----------|--------|---|--|------------------|
| Sampled Date                | Jun 11, 2025 2:42 PM   |      |           |        |   |  |                  |
| Sample Description          | Wastewater   |      |           |        |   |  |                  |
| Contract ID                 | L_WHA  | Plot | F-14      | Site   | MAX METAL INTERNATIONAL COMPANY LIMITED |  |                  |
| Date Analysis Commenced     | CIEI_001_2566<br>Jun 11, 2025  |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.<br>(APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid  |      |           |        |   |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 53.7   | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | 10     | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.5    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek วสุฒิณารักษ์ > 323-a-0001

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วสุฒิณารักษ์ > 323-a-0001

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0127-1237 (THAILAND)

0127(THAILAND)\_AL\_01\_04 (11/06/2016)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547984  
Date Received : Jun 12, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311881-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2547984-1  |      |           |        |   |  |                  |
|-----------------------------|--|------|-----------|--------|---|--|------------------|
| Sampled Date                | Jun 12, 2025 10:26 AM  |      |           |        |   |  |                  |
| Sample Description          | Wastewater   |      |           |        |   |  |                  |
| Contract ID                 | L_CIEI_001_2566  | Plot | Z-57      | Site   | Muntors Ingredients (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Jun 12, 2025   |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.<br>(APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property           | Yellow, some odour, solid and no turbid  |      |           |        |   |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 43.9   | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | <3     | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -         | 7.3    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek วสุฒิณารักษ์ > 323-a-0001

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วสุฒิณารักษ์ > 323-a-0001

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0127-1237 (THAILAND)

0127(THAILAND)\_AL\_01\_04 (11/06/2016)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547956  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311849-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2547956-1   |      |           |   |                           |  |                  |
|-----------------------------|---|------|-----------|---|---------------------------|--|------------------|
| Sampled Date                | Jun 10, 2025 3:12 PM  |      |           |   |                           |  |                  |
| Sample Description          | Wastewater  |      |           |   |                           |  |                  |
| Contract ID                 | L_CIEI_012_2557   | Plot | C-2,3,4   | Site Nakagawa Special Steel (Thailand) Co.,Ltd. |                           |  |                  |
| Date Analysis Commenced     | Jun 10, 2025  |      |           |   |                           |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |   |                           |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |   |                           |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result  | Guideline / Specification | Method   | Testing Location |
| Water Testing               |   |      |           |   |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 12.6  | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3  | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.7   | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek วสุฒิณารักษ์ > 323-a-0001

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
วสุฒิณารักษ์ > 323-a-0001

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0127(THAILAND)\_AL\_01\_04 (11/06/2016)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2548023  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311958-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2548023-1  |      |           |        |   |  |                  |
|-----------------------------|--|------|-----------|--------|---|--|------------------|
| Sampled Date                | Jun 10, 2025 3:50 PM   |      |           |        |   |  |                  |
| Sample Description          | Wastewater   |      |           |        |   |  |                  |
| Contract ID                 | L_WHA  | Plot | K2        | Site   | NAMYONG TERMINAL PUBLIC COMPANY LIMITED |  |                  |
| Date Analysis Commenced     | CIEI_005_2566<br>Jun 10, 2025  |      |           |        |   |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.<br>(APHA / USEPA) |      |           |        |   |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid  |      |           |        |   |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification               | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |           |        |   |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0       | 161    | ≤500                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3         | <3     | ≤10                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |  |      |           | 8.1    | 5.5-9.0                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek วสุฒิณารักษ์ > 323-a-0001

Remark :  
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Technical Management



Senior Manager  
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0127(THAILAND)\_AL\_01\_04 (11/06/2016)





## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

Lot ID: 2548031  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311868-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2548031-1   |      |           |        |                                 |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------------|--|------------------|
| Sampled Date                | Jun 11, 2025 10:18 AM   |      |           |        |                                 |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                 |  |                  |
| Contract ID                 | L_WHA<br>CIE1_004_2567  | Plot | A-9A, A10 | Site   | NBC Meshtec (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Jun 11, 2025  |      |           |        |                                 |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                 |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                                 |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification       | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                                 |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | <2.0   | ≤500                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.4    | 5.5-9.0                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖323-๙-0021

Remark :  
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Technical Management



Senior Manager  
๖323-๙-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

Lot ID: 2547960  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311853-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2547960-1   |      |           |        |                                 |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------------|--|------------------|
| Sampled Date                | Jun 11, 2025 10:21 AM   |      |           |        |                                 |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                 |  |                  |
| Contract ID                 | L_CIE_002_2560  | Plot | A-8A      | Site   | NBC Meshtec (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Jun 11, 2025  |      |           |        |                                 |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                 |  |                  |
| Physical Property           | Yellow, some odour, solid and turbid  |      |           |        |                                 |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification       | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                                 |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 63.5   | ≤500                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 8      | ≤10                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 8.3    | 5.5-9.0                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖323-๙-0021

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Technical Management



Senior Manager  
๖323-๙-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

Lot ID: 2548009  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311941-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2548009-1   |      |           |        |                                 |  |                  |
|-----------------------------|---|------|-----------|--------|---------------------------------|--|------------------|
| Sampled Date                | Jun 11, 2025 10:47 AM   |      |           |        |                                 |  |                  |
| Sample Description          | Wastewater  |      |           |        |                                 |  |                  |
| Contract ID                 | L_WHA   | Plot | B-11D     | Site   | Nichyu Asia (Thailand) Co.,Ltd. |  |                  |
|                             | CIE1_001_2565   |      |           |        |                                 |  |                  |
| Date Analysis Commenced     | Jun 11, 2025  |      |           |        |                                 |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                                 |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                                 |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification       | Method   | Testing Location |
| <b>Water Testing</b>        |   |      |           |        |                                 |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 67.4   | ≤500                            | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | 9      | ≤10                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 8.0    | 5.5-9.0                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖323-๙-0021

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Senior Manager  
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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachra, Chonburi  
Thailand 20230

Lot ID: 2547965  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311859-1

P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Page 1 of 1

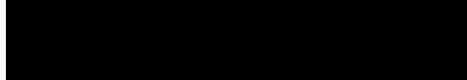
| Sample Number               | 2547965-1   |      |           |        |                             |  |                  |
|-----------------------------|---|------|-----------|--------|-----------------------------|--|------------------|
| Sampled Date                | Jun 11, 2025 9:14 AM  |      |           |        |                             |  |                  |
| Sample Description          | Wastewater  |      |           |        |                             |  |                  |
| Contract ID                 | L_CIE_006_2560  | Plot | K-1       | Site   | Nikken MC Aluminum Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Jun 11, 2025  |      |           |        |                             |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA) |      |           |        |                             |  |                  |
| Physical Property           | Yellow, a lot of odour, some solid and turbid   |      |           |        |                             |  |                  |
| Analyte                     | Unit  | LOD  | LOQ (LOR) | Result | Guideline / Specification   | Method   | Testing Location |
| Water Testing               |   |      |           |        |                             |  |                  |
| BOD (5 days at 20 Degree C) | mg/L  | -    | 2.0       | 34.8   | ≤500                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O-G | Rayong           |
| Oil & Grease                | mg/L  | -    | 3         | <3     | ≤10                         | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -   | -    | -         | 7.7    | 5.5-9.0                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (D)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattanasak ๖323-๙-0021

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Technical Management



Senior Manager  
๖323-๙-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547977  
Date Received : Jun 12, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311871-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Sample Number               | 2547977-1  |      |           |        |                                  |  |                  |
|-----------------------------|--|------|-----------|--------|----------------------------------|--|------------------|
| Sampled Date                | Jun 12, 2025 10:57 AM  |      |           |        |                                  |  |                  |
| Sample Description          | Wastewater   |      |           |        |                                  |  |                  |
| Contract ID                 | L_CIE_010_2556   | Plot | Z-32      | Site   | Sai Industry (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Jun 12, 2025   |      |           |        |                                  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                                  |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, solid and some turbid  |      |           |        |                                  |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification        | Method   | Testing Location |
| Water Testing               |  |      |           |        |                                  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | —    | 2.0       | 53.0   | ≤500                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | —    | 3         | <3     | ≤10                              | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | —  | —    | —         | 7.8    | 5.5-9.0                          | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattimasek รหัสสมาชิก > 323-a-0021

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Technical Management



Senior Manager  
รหัสสมาชิก > 323-a-0001

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3/Report\_AE\_01\_01 (1-6/2019)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2548030  
Date Received : Jun 12, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311967-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

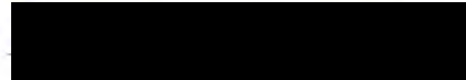
| Sample Number               | 2548030-1  |      |            |        |  |  |                  |
|-----------------------------|--|------|------------|--------|--|--|------------------|
| Sampled Date                | Jun 12, 2025 11:01 AM  |      |            |        |  |  |                  |
| Sample Description          | Wastewater   |      |            |        |  |  |                  |
| Contract ID                 | L_WHA_CIE_003_2567   | Plot | Z.25, Z.26 | Site   | SAIL INDUSTRY (THAILAND) COMPANY LIMITED |  |                  |
| Date Analysis Commenced     | Jun 12, 2025   |      |            |        |  |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |            |        |  |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, some solid and no turbid   |      |            |        |  |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR)  | Result | Guideline / Specification                | Method   | Testing Location |
| <b>Water Testing</b>        |  |      |            |        |  |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | -    | 2.0        | 7.1    | ≤500                                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | -    | 3          | <3     | ≤10                                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -  | -    | -          | 7.6    | 5.5-9.0                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattimasek รหัสสมาชิก > 323-a-0021

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
รหัสสมาชิก > 323-a-0001

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0127-123 0966

3/Report\_AE\_01\_01 (1-6/2019)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547976  
Date Received : Jun 12, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311869-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

| Page 1 of 1                 |  |      |           |        |                                     |  |                  |
|-----------------------------|--|------|-----------|--------|-------------------------------------|--|------------------|
| Sample Number               | 2547976-1  |      |           |        |                                     |  |                  |
| Sampled Date                | Jun 12, 2025 10:43 AM  |      |           |        |                                     |  |                  |
| Sample Description          | Wastewater   |      |           |        |                                     |  |                  |
| Contract ID                 | L_CIE_002_2550   | Plot | Z-33      | Site   | Sakura Industry (Thailand) Co.,Ltd. |  |                  |
| Date Analysis Commenced     | Jun 12, 2025   |      |           |        |                                     |  |                  |
| Condition of Sample         | Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards. |      |           |        |                                     |  |                  |
| Physical Property           | (APHA / USEPA)<br>Yellow, a lot of odour, some solid and turbid  |      |           |        |                                     |  |                  |
| Analyte                     | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification           | Method   | Testing Location |
| Water Testing               |  |      |           |        |                                     |  |                  |
| BOD (5 days at 20 Degree C) | mg/L   | —    | 2.0       | 67.4   | ≤500                                | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L   | —    | 3         | 10     | ≤10                                 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | —  | —    | —         | 8.1    | 5.5-9.0                             | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattimasek รหัสสมาชิก > 323-a-0021

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
รหัสสมาชิก > 323-a-0001

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3/Report\_AE\_01\_01 (1-6/2019)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2548058  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311887-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Page 1 of 3

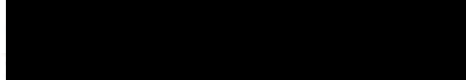
| Sample Number                                 | 2548058-1  |      |           |        |  |  |                  |
|---|--|------|-----------|--------|--|--|------------------|
| Sampled Date                                  | Jun 10, 2025 11:20 AM  |      |           |        |  |  |                  |
| Sample Description                            | Wastewater   |      |           |        |  |  |                  |
| Contract ID                                   | L_CIE_001_2555   | Plot | C-5/6     | Site   | SANG CHAREON EASTERN GALVANIZE CO.,LTD |  |                  |
| Date Analysis Commenced                       | Jun 10, 2025   |      |           |        |  |  |                  |
| Condition of Sample                           | Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards. |      |           |        |  |  |                  |
| Physical Property                             | (APHA / USEPA)<br>Black, some odour, a lot of solid and turbid   |      |           |        |  |  |                  |
| Analyte                                       | Unit   | LOD  | LOQ (LOR) | Result | Guideline / Specification              | Method   | Testing Location |
| <b>Water Testing</b>                          |  |      |           |        |  |  |                  |
| BOD (5 days at 20 Degree C)                   | mg/L   | -    | 2.0       | 26.3   | ≤500                                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| TSS   | mg/L   | 1.5  | 35        | 140    | ≤750                                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                  | mg/L   | -    | 3         | <3     | ≤10                                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                | -  | -    | -         | 7.3    | 5.5-9.0                                | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Dissolved Solids Direct at 180 degree C | mg/L   | -    | 5         | 252    | ≤3000                                  | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattimasek รหัสสมาชิก > 323-a-0021, Patarapong Sawangjantam รหัสสมาชิก > 209-a-0002

Remark :  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Senior Manager  
รหัสสมาชิก > 323-a-0001

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3/Report\_AE\_01\_01 (1-6/2019)



## Analysis / Test Report



TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2548058  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311887-2

Page 1 of 1

Sample Number : 2548058-1  
Sampled Date : Jun 10, 2025 11:20 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2555 Plot : C-5,6 Site : SANG CHAREON EASTERN GALVANIZE CO.,LTD.  
Date Analysis Commenced : Jun 11, 2025  
Condition of Sample : Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Black, some odour, a lot of solid and turbid

| Analyte               | Unit | LOD    | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------|------|--------|-----------|--------|---------------------------|--|------------------|
| <b>Metals Testing</b> |      |        |           |        |                           |  |                  |
| Nickel                | mg/L | 0.0003 | 0.0005    | 0.004  | ≤1.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |
| Zinc                  | mg/L | 0.003  | 0.005     | 0.39   | ≤5.0                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek วสุฒนาพร สักกุลัตติเมษะก 323-4-0021, Pattarapol Sawangjiam วสุฒนาพร สว่างจิยาม 329-4-0002

Remark :  
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Technical Management



วสุฒนาพร สักกุลัตติเมษะก

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3311887-2 (000000)



## Analysis / Test Report



TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2548058  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311887-3

Page 1 of 1

Sample Number : 2548058-1  
Sampled Date : Jun 10, 2025 11:20 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_001\_2555 Plot : C-5,6 Site : SANG CHAREON EASTERN GALVANIZE CO.,LTD.  
Date Analysis Commenced : Jun 11, 2025  
Condition of Sample : Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Black, some odour, a lot of solid and turbid

| Analyte               | Unit | LOD   | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------|------|-------|-----------|--------|---------------------------|--|------------------|
| <b>Metals Testing</b> |      |       |           |        |                           |  |                  |
| Iron                  | mg/L | 0.003 | 0.005     | 1.34   | ≤10.0                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek วสุฒนาพร สักกุลัตติเมษะก , Pattarapol Sawangjiam

Remark :  
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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2547970  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311864-1

Page 1 of 1

Sample Number : 2547970-1  
Sampled Date : Jun 11, 2025 2:37 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_018\_2557 Plot : F-15 Site : SET (Thailand) Co.,Ltd.  
Date Analysis Commenced : Jun 11, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, solid and some turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 36.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4.2    | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek วสุฒนาพร สักกุลัตติเมษะก 323-4-0021

Remark :  
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Technical Management



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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1

Lot ID: 2547969  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311863-1

Page 1 of 1

Sample Number : 2547969-1  
Sampled Date : Jun 11, 2025 3:09 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_017\_2557 Plot : F-10 Site : Shinee Kola (Thailand) Corporation Limited.  
Date Analysis Commenced : Jun 11, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 20.3   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattimasek วสุฒนาพร สักกุลัตติเมษะก 323-4-0021

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2547945  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311832-1

Page 1 of 1

Sample Number : 2547945-1  
Sampled Date : Jun 10, 2025 10:25 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_017\_2550 Plot : B-3 Site : Shinwa Kogyo (Thailand) Co.,Ltd.  
Date Analysis Commenced : Jun 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 20.2   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattamasak วัฒนสุภาณัติ > 323-4-0021

Remark :  
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Technical Management



Senior Manager  
วัฒนสุภาณัติ > 323-4-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2547949  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311833-1

Page 1 of 1

Sample Number : 2547949-1  
Sampled Date : Jun 11, 2025 1:22 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_018\_2550 Plot : D-13/2 Site : Siam Steel Mill Services Ltd.  
Date Analysis Commenced : Jun 11, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Green, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 10.4   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattamasak วัฒนสุภาณัติ > 323-4-0021

Remark :  
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Technical Management



Senior Manager  
วัฒนสุภาณัติ > 323-4-0001

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## Analysis / Test Report

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2547944  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311827-1

Page 1 of 1

Sample Number : 2547944-1  
Sampled Date : Jun 11, 2025 10:38 AM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_004\_2557 Plot : B-11A Site : SPF (Thailand) Co.,Ltd.  
Date Analysis Commenced : Jun 11, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 27.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 4      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattamasak วัฒนสุภาณัติ > 323-4-0021

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## Analysis / Test Report

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331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230  
P/O :  
Project Name : Factory I Monthly  
Project Location : WHA CIE 1



TESTING  
No.0042

Lot ID: 2547948  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311832-1

Page 1 of 1

Sample Number : 2547948-1  
Sampled Date : Jun 10, 2025 2:48 PM  
Sample Description : Wastewater  
Contract ID : L\_CIE\_019\_2550 Plot : D-4 Site : Taisei Plac (Thailand) Co.,Ltd.  
Date Analysis Commenced : Jun 10, 2025  
Condition of Sample : Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property : Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 49.8   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.  
Sampling By : Suphanat Sakulattamasak วัฒนสุภาณัติ > 323-4-0021

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## Analysis / Test Report



TESTING  
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Client : WHA Utilities and Power Public Company Limited  
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Thailand 20230

Lot ID: 2547957  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311848-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2547957-1  
Sampled Date Jun 11, 2025 4:03 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_003\_2558 Plot M-3 Site Tayth Kenmos Auto Parts (Thailand) Co.,Ltd.  
Date Analysis Commenced Jun 11, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, some odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 105    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : สุภณัฐ สุกุลธรรมะกุล วรณัฐวณิช 323-a-0021

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
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Thailand 20230

Lot ID: 2547975  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311972-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2547975-1  
Sampled Date Jun 10, 2025 2:40 PM  
Sample Description Wastewater  
Contract ID L\_WHA CIEI\_001\_2558 Plot D.5/1 Site TETAR TECHNOLOGY (THAILAND) COMPANY LIMITED  
Date Analysis Commenced Jun 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Black, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 131    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 10     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.1    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : สุภณัฐ สุกุลธรรมะกุล วรณัฐวณิช 323-a-0021

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
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Thailand 20230

Lot ID: 2547951  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311834-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2547951-1  
Sampled Date Jun 11, 2025 1:39 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_007\_2558 Plot D-12/1A Site THAI ESCORP LTD.  
Date Analysis Commenced Jun 11, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 31.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : สุภณัฐ สุกุลธรรมะกุล วรณัฐวณิช 323-a-0021

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
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Thailand 20230

Lot ID: 2548060  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311889-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2548060-1  
Sampled Date Jun 11, 2025 1:56 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_001\_2559 Plot D-9 Site Thai Huawei Battery Co.,Ltd.  
Date Analysis Commenced Jun 11, 2025  
Condition of Sample Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
Physical Property (APHA / USEPA)  
Colorless, some odour, solid and no turbid

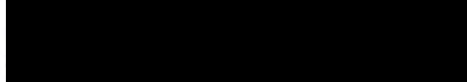
| Analyte  | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|--|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing                                    |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C)                      | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| TSS  | mg/L | 1.5 | 3%        | <3%    | ≤750                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D                  | Rayong           |
| Oil & Grease                                     | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *                                   | -    | -   | -         | 7.5    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |
| Total Dissolved Solids Dried at 180 Degree C     | mg/L | -   | 5         | 138    | ≤3000                     | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C                  | Rayong           |
| Total Suspended Solids Dried at 103-105 Degree C | mg/L | -   | 5         | <5     | ≤200                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D                  | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : สุภณัฐ สุกุลธรรมะกุล วรณัฐวณิช 323-a-0021, Pattarapol Sawangjiamart วรณัฐวณิช 204-a-0002

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## Analysis / Test Report

TESTING  
No.0009

Client : WHA Utilities and Power Public Company Limited  
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Thailand 20230

Lot ID: 2548060  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311889-2

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number 2548060-1  
Sampled Date Jun 11, 2025 1:56 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_001\_2559 Plot D-9 Site Thai Huawei Battery Co.,Ltd.  
Date Analysis Commenced Jun 12, 2025  
Condition of Sample Contained in one amber glass bottle and four plastic bottles. Sample containers comply to pretreatment - preservation standards.  
Physical Property Colorless, some odour, solid and no turbid

| Analyte        | Unit | LOD    | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|----------------|------|--------|-----------|--------|---------------------------|--|------------------|
| Metals Testing |      |        |           |        |                           |  |                  |
| Lead           | mg/L | 0.0003 | 0.0005    | 0.004  | ≤0.2                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3100 F | Bangkok          |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulkitmanee วรณัฐวณิช 323-4-0021, Pattarapol Sawangjatan วรณัฐวณิช 209-4-0002

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วณัฐวณิช 209-4-0004

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## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2547968  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311862-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number 2547968-1  
Sampled Date Jun 11, 2025 2:57 PM  
Sample Description Wastewater  
Contract ID L\_CIE\_001\_2552 Plot F-12 Site Thai Instant Products Co.,Ltd.  
Date Analysis Commenced Jun 11, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property Black, a lot of odour, solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 279    | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 7      | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |      | -   | -         | 6.9    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulkitmanee วรณัฐวณิช 323-4-0021

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Technical Management



Signature (2)  
วณัฐวณิช 323-4-0004

วณัฐวณิช 323-4-0002

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012-123 0946

3311862-1, 3311862-1



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2548022  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311956-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number 2548022-1  
Sampled Date Jun 11, 2025 2:13 PM  
Sample Description Wastewater  
Contract ID L\_WHA\_CIE1\_004\_2566 Plot Z-60,261,261B Site THAI OUTDO POWER TECHNOLOGY Co.,Ltd.  
Date Analysis Commenced Jun 11, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property Colorless, some odour, solid and no turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | <2.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |      | -   | -         | 7.7    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulkitmanee วรณัฐวณิช 323-4-0021

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked "is" are not included in scope of Accreditation ISO/IEC 17025.  
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Signature (2)  
วณัฐวณิช 323-4-0004

Senior Manager  
วณัฐวณิช 323-4-0001

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3311956-1, 3311956-1



## Analysis / Test Report

TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Siriracha, Chonburi  
Thailand 20230

Lot ID: 2548017  
Date Received : Jun 10, 2025  
Date Reported : Jun 17, 2025  
Report Number : 3311949-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number 2548017-1  
Sampled Date Jun 10, 2025 11:31 AM  
Sample Description Wastewater  
Contract ID L\_CIE\_011\_2560 Plot E-6 Site Thai Rung Union Car Public Co.,Ltd.  
Date Analysis Commenced Jun 10, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Water Testing               |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 83.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O/G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              |      | -   | -         | 8.6    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulkitmanee วรณัฐวณิช 323-4-0021

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked "is" are not included in scope of Accreditation ISO/IEC 17025.  
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Signature (2)  
วณัฐวณิช 323-4-0004

Senior Manager  
วณัฐวณิช 323-4-0001

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3311949-1, 3311949-1



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachha, Chonburi  
Thailand 20230

Lot ID: 2548002  
Date Received : Jun 12, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311934-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2548002-1  
Sampled Date Jun 12, 2025 3:46 PM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_003\_2564 Plot Z-62 Site Thai Wip Co.,Ltd.  
Date Analysis Commenced Jun 12, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 59.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | 10     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattitarnsak วสุพนัท สักุลัตติธรรมสาร > 323-a-0001

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (Z)  
วสุพนัท สักุลัตติธรรมสาร > 323-a-0004

Senior Manager  
วสุพนัท สักุลัตติธรรมสาร > 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachha, Chonburi  
Thailand 20230

Lot ID: 2548025  
Date Received : Jun 12, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311960-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2548025-1  
Sampled Date Jun 12, 2025 10:48 AM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_007\_2566 Plot Z-21 Site TOOLS INTERNATIONAL (THAILAND) Co.,Ltd.  
Date Analysis Commenced Jun 12, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and no turbid

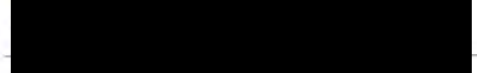
| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 36.9   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 7.4    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattitarnsak วสุพนัท สักุลัตติธรรมสาร > 323-a-0001

Remark :  
- LOD : Limit of Detection  
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (Z)  
วสุพนัท สักุลัตติธรรมสาร > 323-a-0004

Senior Manager  
วสุพนัท สักุลัตติธรรมสาร > 323-a-0001

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Utilities and Power Public Company Limited  
331/8-9 Moo 6, High Way No.331 Road, Tambol Bowin, Amphur Sirachha, Chonburi  
Thailand 20230

Lot ID: 2548015  
Date Received : Jun 11, 2025  
Date Reported : Jun 18, 2025  
Report Number : 3311948-1

P/O :  
Project Name : Factory 1 Monthly  
Project Location: WHA CIE 1

Page 1 of 1

Sample Number 2548015-1  
Sampled Date Jun 11, 2025 10:51 AM  
Sample Description Wastewater  
Contract ID L\_WHA CIE1\_006\_2565 Plot B-10C Site V-SACHET Co.,Ltd.  
Date Analysis Commenced Jun 11, 2025  
Condition of Sample Contained in one amber glass bottle and one plastic bottle. Sample containers comply to pretreatment - preservation standards.  
(APHA / USEPA)  
Physical Property Yellow, a lot of odour, some solid and turbid

| Analyte                     | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method   | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| <b>Water Testing</b>        |      |     |           |        |                           |  |                  |
| BOD (5 days at 20 Degree C) | mg/L | -   | 2.0       | 21.0   | ≤500                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Rayong           |
| Oil & Grease                | mg/L | -   | 3         | <3     | ≤10                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B                  | Rayong           |
| pH (on site) *              | -    | -   | -         | 8.0    | 5.5-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)            | Rayong           |

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulattitarnsak วสุพนัท สักุลัตติธรรมสาร > 323-a-0001

Remark :  
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)  
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.  
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management



Scientist (Z)  
วสุพนัท สักุลัตติธรรมสาร > 323-a-0004

Senior Manager  
วสุพนัท สักุลัตติธรรมสาร > 323-a-0001

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## ภาคผนวก ค-5

ระดับเสียงโดยทั่วไป

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## Analysis / Test Report



TESTING  
No.0042

Client : WHA Industrial Development Public Company Limited  
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2513805

Date Received : Feb 24, 2025  
Date Reported : Feb 27, 2025  
Report Number: 3245658-1

P/O :  
Project Name : Monitoring  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2513805-2  
Parameter : Noise (Leq 24hrs)  
Location : บึงฉลวยชัยภูมิ 0726905E 1443663N  
Measurement Date : Feb 15 - Feb 16, 2025  
Measurement by : Anurak Tongkhajonsakda  
Sound Level meter : Serial No. 1122567

| Time                | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 10:00 AM - 11:00 AM | 63.6        | 85.5         | 59.5        |
| 11:00 AM - 12:00 PM | 64.2        | 79.7         | 60.3        |
| 12:00 PM - 01:00 PM | 64.9        | 91.5         | 60.3        |
| 01:00 PM - 02:00 PM | 64.8        | 84.1         | 60.9        |
| 02:00 PM - 03:00 PM | 64.5        | 84.7         | 59.8        |
| 03:00 PM - 04:00 PM | 62.7        | 79.6         | 58.1        |
| 04:00 PM - 05:00 PM | 61.7        | 80.7         | 54.1        |
| 05:00 PM - 06:00 PM | 60.5        | 78.4         | 51.6        |
| 06:00 PM - 07:00 PM | 64.0        | 84.2         | 59.3        |
| 07:00 PM - 08:00 PM | 62.2        | 79.1         | 57.6        |
| 08:00 PM - 09:00 PM | 61.2        | 80.2         | 53.6        |
| 09:00 PM - 10:00 PM | 60.0        | 77.9         | 51.1        |
| 10:00 PM - 11:00 PM | 58.4        | 80.3         | 48.3        |
| 11:00 PM - 12:00 AM | 58.0        | 75.6         | 46.9        |
| 12:00 AM - 01:00 AM | 57.0        | 77.6         | 44.9        |
| 01:00 AM - 02:00 AM | 57.6        | 75.1         | 46.3        |
| 02:00 AM - 03:00 AM | 58.3        | 75.9         | 48.9        |
| 03:00 AM - 04:00 AM | 64.5        | 89.0         | 53.3        |
| 04:00 AM - 05:00 AM | 66.3        | 88.3         | 59.6        |
| 05:00 AM - 06:00 AM | 68.1        | 79.4         | 62.6        |
| 06:00 AM - 07:00 AM | 60.1        | 74.9         | 56.0        |
| 07:00 AM - 08:00 AM | 59.4        | 79.0         | 55.2        |
| 08:00 AM - 09:00 AM | 60.2        | 78.3         | 56.3        |
| 09:00 AM - 10:00 AM | 61.2        | 79.6         | 57.0        |

Leq Average 24 hrs. (dB(A)) : 62.8  
Lmax (dB(A)) : 91.5  
L90 (dB(A)) : 56.0  
Ldn (dB(A)) : 69.3  
Standard (dB(A)) : 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ  
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management



Scientist (3)

Approved by



Supot Samritien  
Section Head

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Phrakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
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S:\Reports\Air Noise rpt ( 4:29PM)



## Analysis / Test Report



TESTING  
No.0042

Client : WHA Industrial Development Public Company Limited  
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

Lot ID: 2513805

Date Received : Feb 24, 2025  
Date Reported : Feb 27, 2025  
Report Number: 3245657-1

P/O :  
Project Name : Monitoring  
Project Location : WHA CIE 1

Page 1 of 1

Sample Number : 2513805-1  
Parameter : Noise (Leq 24hrs)  
Location : บึงฉลวยชัยภูมิ 0726905E 1443663N  
Measurement Date : Feb 14 - Feb 15, 2025  
Measurement by : Anurak Tongkhajonsakda  
Sound Level meter : Serial No. 1122567

| Time                | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 10:00 AM - 11:00 AM | 62.9        | 77.7         | 58.8        |
| 11:00 AM - 12:00 PM | 62.2        | 81.8         | 58.0        |
| 12:00 PM - 01:00 PM | 63.0        | 81.1         | 59.1        |
| 01:00 PM - 02:00 PM | 64.0        | 82.4         | 59.8        |
| 02:00 PM - 03:00 PM | 64.3        | 86.2         | 60.2        |
| 03:00 PM - 04:00 PM | 64.9        | 80.4         | 61.0        |
| 04:00 PM - 05:00 PM | 65.6        | 92.2         | 61.0        |
| 05:00 PM - 06:00 PM | 65.5        | 84.8         | 61.6        |
| 06:00 PM - 07:00 PM | 65.2        | 85.4         | 60.5        |
| 07:00 PM - 08:00 PM | 63.4        | 80.3         | 58.8        |
| 08:00 PM - 09:00 PM | 62.4        | 81.4         | 54.8        |
| 09:00 PM - 10:00 PM | 61.2        | 79.1         | 52.3        |
| 10:00 PM - 11:00 PM | 59.6        | 81.5         | 49.5        |
| 11:00 PM - 12:00 AM | 59.2        | 76.8         | 48.1        |
| 12:00 AM - 01:00 AM | 58.2        | 78.8         | 46.1        |
| 01:00 AM - 02:00 AM | 58.8        | 76.3         | 47.5        |
| 02:00 AM - 03:00 AM | 59.5        | 77.1         | 50.1        |
| 03:00 AM - 04:00 AM | 65.7        | 90.2         | 54.5        |
| 04:00 AM - 05:00 AM | 67.5        | 89.5         | 60.8        |
| 05:00 AM - 06:00 AM | 69.3        | 80.6         | 63.8        |
| 06:00 AM - 07:00 AM | 62.2        | 77.0         | 58.1        |
| 07:00 AM - 08:00 AM | 61.5        | 81.1         | 57.3        |
| 08:00 AM - 09:00 AM | 62.3        | 80.4         | 58.4        |
| 09:00 AM - 10:00 AM | 63.3        | 81.7         | 59.1        |

Leq Average 24 hrs. (dB(A)) : 63.9  
Lmax (dB(A)) : 92.2  
L90 (dB(A)) : 58.4  
Ldn (dB(A)) : 70.5  
Standard (dB(A)) : 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ  
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management



Scientist (3)

Approved by



Section Head

ADDRESS 616/10 Moo 5 T. Maenam Khu A. Phrakdaeng Rayong 21140 Thailand | PHONE +66 0 3304 8555 | FAX +66 0 3304 8556  
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S:\Reports\Air Noise rpt ( 4:29PM)





## Analysis / Test Report



TESTING  
No.0042

**Client :** WHA Industrial Development Public Company Limited  
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

**Lot ID: 2513805**

Date Received : Feb 24, 2025  
Date Reported : Feb 27, 2025  
Report Number: 3245660-1

**P/O :**

**Project Name :** Monitoring

**Project Location :** WHA CIE 1

Page 1 of 1

**Sample Number** : 2513805-4  
**Parameter** : Noise (Leq 24hrs)  
**Location** : บึงฉลวยชุมชนบ้านยางเด่น 0724553E 1448947N  
**Measurement Date** : Feb 14 - Feb 15, 2025  
**Measurement by** : Anurak Tongkhajonsakda  
**Sound Level meter** : Serial No. 1122578

| Time                | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 01:00 PM - 02:00 PM | 62.8        | 90.5         | 44.7        |
| 02:00 PM - 03:00 PM | 54.6        | 72.2         | 47.5        |
| 03:00 PM - 04:00 PM | 56.3        | 77.0         | 47.1        |
| 04:00 PM - 05:00 PM | 56.2        | 80.0         | 45.3        |
| 05:00 PM - 06:00 PM | 60.0        | 83.9         | 46.8        |
| 06:00 PM - 07:00 PM | 57.6        | 78.7         | 45.7        |
| 07:00 PM - 08:00 PM | 55.9        | 76.1         | 46.9        |
| 08:00 PM - 09:00 PM | 60.3        | 83.9         | 50.1        |
| 09:00 PM - 10:00 PM | 53.3        | 74.3         | 43.5        |
| 10:00 PM - 11:00 PM | 62.4        | 92.3         | 41.9        |
| 11:00 PM - 12:00 AM | 51.0        | 72.5         | 43.5        |
| 12:00 AM - 01:00 AM | 69.6        | 96.9         | 44.5        |
| 01:00 AM - 02:00 AM | 49.9        | 78.0         | 43.1        |
| 02:00 AM - 03:00 AM | 46.9        | 71.2         | 41.2        |
| 03:00 AM - 04:00 AM | 44.3        | 65.9         | 38.4        |
| 04:00 AM - 05:00 AM | 50.7        | 75.8         | 43.8        |
| 05:00 AM - 06:00 AM | 51.1        | 67.1         | 47.1        |
| 06:00 AM - 07:00 AM | 59.2        | 80.1         | 50.0        |
| 07:00 AM - 08:00 AM | 60.4        | 89.0         | 51.9        |
| 08:00 AM - 09:00 AM | 60.9        | 83.9         | 49.0        |
| 09:00 AM - 10:00 AM | 55.6        | 88.7         | 46.4        |
| 10:00 AM - 11:00 AM | 56.4        | 82.4         | 45.5        |
| 11:00 AM - 12:00 PM | 58.2        | 78.2         | 45.8        |
| 12:00 PM - 01:00 PM | 53.7        | 86.0         | 44.2        |

Leq Average 24 hrs. (dB(A))

59.7

Lmax (dB(A))

96.9

L90 (dB(A))

45.5

Ldn (dB(A))

67.4

Standard (dB(A))

70

115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ  
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management



Scientist (3)

Approved by



Section Head

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## Analysis / Test Report



TESTING  
No.0042

**Client :** WHA Industrial Development Public Company Limited  
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

**Lot ID: 2513805**

Date Received : Feb 24, 2025  
Date Reported : Feb 27, 2025  
Report Number: 3245659-1

**P/O :**

**Project Name :** Monitoring

**Project Location :** WHA CIE 1

Page 1 of 1

**Sample Number** : 2513805-3  
**Parameter** : Noise (Leq 24hrs)  
**Location** : บึงฉลวยชุมชนบ้านยางเด่น 0726905E 1443663N  
**Measurement Date** : Feb 16 - Feb 17, 2025  
**Measurement by** : Anurak Tongkhajonsakda  
**Sound Level meter** : Serial No. 1122567

| Time                | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 10:00 AM - 11:00 AM | 61.5        | 83.4         | 57.4        |
| 11:00 AM - 12:00 PM | 62.1        | 77.6         | 58.2        |
| 12:00 PM - 01:00 PM | 62.8        | 89.4         | 58.2        |
| 01:00 PM - 02:00 PM | 62.7        | 82.0         | 58.8        |
| 02:00 PM - 03:00 PM | 62.4        | 82.6         | 57.7        |
| 03:00 PM - 04:00 PM | 60.6        | 77.5         | 56.0        |
| 04:00 PM - 05:00 PM | 59.6        | 78.6         | 52.0        |
| 05:00 PM - 06:00 PM | 58.4        | 76.3         | 49.5        |
| 06:00 PM - 07:00 PM | 61.9        | 82.1         | 57.2        |
| 07:00 PM - 08:00 PM | 60.1        | 77.0         | 55.5        |
| 08:00 PM - 09:00 PM | 59.1        | 78.1         | 51.5        |
| 09:00 PM - 10:00 PM | 57.9        | 75.8         | 49.0        |
| 10:00 PM - 11:00 PM | 56.3        | 78.2         | 46.2        |
| 11:00 PM - 12:00 AM | 57.1        | 74.7         | 46.0        |
| 12:00 AM - 01:00 AM | 56.1        | 76.7         | 44.0        |
| 01:00 AM - 02:00 AM | 56.7        | 74.2         | 45.4        |
| 02:00 AM - 03:00 AM | 57.4        | 75.0         | 48.0        |
| 03:00 AM - 04:00 AM | 63.6        | 88.1         | 52.4        |
| 04:00 AM - 05:00 AM | 65.4        | 87.4         | 58.7        |
| 05:00 AM - 06:00 AM | 67.2        | 78.5         | 61.7        |
| 06:00 AM - 07:00 AM | 59.2        | 74.0         | 55.1        |
| 07:00 AM - 08:00 AM | 58.5        | 78.1         | 54.3        |
| 08:00 AM - 09:00 AM | 59.3        | 77.4         | 55.4        |
| 09:00 AM - 10:00 AM | 60.3        | 78.7         | 56.1        |

Leq Average 24 hrs. (dB(A))

61.3

Lmax (dB(A))

89.4

L90 (dB(A))

55.1

Ldn (dB(A))

68.2

Standard (dB(A))

70

115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ  
โรงงาน พ.ศ. 2548

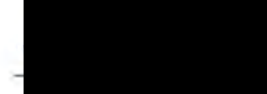
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management



Scientist (3)

Approved by



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## Analysis / Test Report



TESTING  
No.0042

**Client :** WHA Industrial Development Public Company Limited  
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

**Lot ID: 2513805**  
Date Received : Feb 24, 2025  
Date Reported : Feb 27, 2025  
Report Number: 3245662-1

**P/O :**  
**Project Name :** Monitoring  
**Project Location :** WHA CIE 1

Page 1 of 1

**Sample Number** : 2513805-6  
**Parameter** : Noise (Leq 24hrs)  
**Location** : บริเวณชุมชนบ้านยางเอน 0724553E 1448947N  
**Measurement Date** : Feb 16 - Feb 17, 2025  
**Measurement by** : Anurak Tongkhajonsakda  
**Sound Level meter** : Serial No. 1122578

| Time                | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 01:00 PM - 02:00 PM | 56.0        | 74.9         | 45.1        |
| 02:00 PM - 03:00 PM | 55.4        | 77.3         | 46.6        |
| 03:00 PM - 04:00 PM | 58.5        | 80.8         | 47.0        |
| 04:00 PM - 05:00 PM | 57.7        | 89.5         | 45.1        |
| 05:00 PM - 06:00 PM | 58.5        | 87.7         | 46.6        |
| 06:00 PM - 07:00 PM | 55.9        | 78.1         | 45.8        |
| 07:00 PM - 08:00 PM | 66.7        | 94.7         | 45.8        |
| 08:00 PM - 09:00 PM | 56.8        | 90.3         | 45.3        |
| 09:00 PM - 10:00 PM | 52.5        | 72.0         | 45.3        |
| 10:00 PM - 11:00 PM | 66.8        | 93.8         | 45.3        |
| 11:00 PM - 12:00 AM | 52.8        | 83.1         | 43.7        |
| 12:00 AM - 01:00 AM | 48.6        | 73.2         | 43.2        |
| 01:00 AM - 02:00 AM | 57.7        | 85.3         | 42.4        |
| 02:00 AM - 03:00 AM | 50.2        | 75.2         | 40.4        |
| 03:00 AM - 04:00 AM | 67.4        | 93.0         | 39.7        |
| 04:00 AM - 05:00 AM | 51.9        | 54.7         | 49.4        |
| 05:00 AM - 06:00 AM | 53.9        | 81.0         | 42.2        |
| 06:00 AM - 07:00 AM | 62.3        | 84.3         | 48.4        |
| 07:00 AM - 08:00 AM | 60.3        | 83.9         | 52.3        |
| 08:00 AM - 09:00 AM | 58.4        | 86.1         | 47.1        |
| 09:00 AM - 10:00 AM | 54.8        | 76.5         | 46.8        |
| 10:00 AM - 11:00 AM | 59.4        | 80.7         | 46.2        |
| 11:00 AM - 12:00 PM | 57.5        | 79.7         | 45.0        |
| 12:00 PM - 01:00 PM | 58.0        | 80.2         | 44.4        |

Leq Average 24 hrs. (dB(A)) : 60.3  
Lmax (dB(A)) : 94.7  
L90 (dB(A)) : 45.3  
Ldn (dB(A)) : 67.8  
Standard (dB(A)) : 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ  
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management



Scientist (3)

Approved by



Section Head

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## Analysis / Test Report



TESTING  
No.0042

**Client :** WHA Industrial Development Public Company Limited  
331/8-9 Moo 2, High Way 331 Road., KM 91-92, Tambol Bowin, Amphur Sriracha, Chonburi  
Thailand 20230

**Lot ID: 2513805**  
Date Received : Feb 24, 2025  
Date Reported : Feb 27, 2025  
Report Number: 3245661-1

**P/O :**  
**Project Name :** Monitoring  
**Project Location :** WHA CIE 1

Page 1 of 1

**Sample Number** : 2513805-5  
**Parameter** : Noise (Leq 24hrs)  
**Location** : บริเวณชุมชนบ้านยางเอน 0724553E 1448947N  
**Measurement Date** : Feb 15 - Feb 16, 2025  
**Measurement by** : Anurak Tongkhajonsakda  
**Sound Level meter** : Serial No. 1122578

| Time                | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 01:00 PM - 02:00 PM | 56.2        | 93.0         | 45.4        |
| 02:00 PM - 03:00 PM | 53.2        | 72.6         | 45.1        |
| 03:00 PM - 04:00 PM | 58.2        | 82.5         | 46.8        |
| 04:00 PM - 05:00 PM | 55.8        | 74.7         | 47.1        |
| 05:00 PM - 06:00 PM | 56.8        | 88.6         | 46.3        |
| 06:00 PM - 07:00 PM | 56.8        | 78.5         | 45.9        |
| 07:00 PM - 08:00 PM | 57.5        | 79.8         | 47.8        |
| 08:00 PM - 09:00 PM | 55.5        | 78.7         | 48.3        |
| 09:00 PM - 10:00 PM | 54.0        | 80.5         | 48.0        |
| 10:00 PM - 11:00 PM | 67.7        | 95.0         | 42.5        |
| 11:00 PM - 12:00 AM | 48.7        | 82.6         | 40.7        |
| 12:00 AM - 01:00 AM | 47.3        | 72.7         | 39.9        |
| 01:00 AM - 02:00 AM | 65.4        | 91.4         | 41.0        |
| 02:00 AM - 03:00 AM | 50.5        | 82.5         | 41.5        |
| 03:00 AM - 04:00 AM | 48.3        | 76.7         | 42.4        |
| 04:00 AM - 05:00 AM | 50.9        | 75.9         | 43.2        |
| 05:00 AM - 06:00 AM | 51.6        | 77.2         | 45.3        |
| 06:00 AM - 07:00 AM | 59.6        | 82.6         | 48.3        |
| 07:00 AM - 08:00 AM | 59.6        | 84.7         | 52.0        |
| 08:00 AM - 09:00 AM | 60.4        | 80.5         | 51.6        |
| 09:00 AM - 10:00 AM | 57.8        | 82.6         | 48.0        |
| 10:00 AM - 11:00 AM | 58.0        | 86.9         | 47.2        |
| 11:00 AM - 12:00 PM | 55.8        | 78.2         | 44.3        |
| 12:00 PM - 01:00 PM | 58.2        | 85.4         | 45.3        |

Leq Average 24 hrs. (dB(A)) : 59.0  
Lmax (dB(A)) : 95.0  
L90 (dB(A)) : 45.4  
Ldn (dB(A)) : 66.9  
Standard (dB(A)) : 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป  
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ  
โรงงาน พ.ศ. 2548

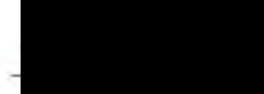
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Scientist (3)

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