

# ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 1



**United Analyst and Engineering Consultant Co., Ltd.**  
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260  
Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



NSC-TISI-TIS 17025  
TESTING 0207



TESTING  
No. 0063

## ANALYSIS REPORT

**CUSTOMER NAME** : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)  
**ADDRESS** : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000  
**CONTACT INFORMATION** : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com  
**SAMPLING SOURCE** : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : JANUARY 21, 2026  
**SAMPLING TIME** : -  
**SAMPLING METHOD** : -  
**SAMPLING BY** : CUSTOMER  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM  
**RECEIVED DATE** : JANUARY 22, 2026  
**ANALYTICAL DATE** : JANUARY 22-30, 2026  
**ISSUE DATE** : FEBRUARY 3, 2026  
**REPORT NO.** : 2026-U007721  
**WORK NO.** : 2026-000270  
**ANALYSIS NO.** : T26AB289-0001 - T26AB289-0002

| PARAMETER                              | UNIT       | METHOD OF ANALYSIS                                                      | RESULT              |                    | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|----------------------------------------|------------|-------------------------------------------------------------------------|---------------------|--------------------|---------------------|-----------------|-----------------------------|
|                                        |            |                                                                         | 1<br>T26AB289-0001  | 2<br>T26AB289-0002 |                     |                 |                             |
| pH <sup>a</sup>                        | -          | ELECTROMETRIC METHOD (SM: PART 4500-H <sup>+</sup> B)                   | 6.6 (25°C)          | 7.4 (25°C)         | 5.5-9.0             | -               | -                           |
| BIOCHEMICAL OXYGEN DEMAND <sup>a</sup> | mg/L       | MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)           | 264                 | 2.0                | ≤ 30                | -               | 2.0                         |
| TOTAL SUSPENDED SOLIDS <sup>a</sup>    | mg/L       | TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)       | 141                 | < 5.0              | ≤ 40                | -               | 5.0                         |
| TOTAL KJELDAHL NITROGEN <sup>a</sup>   | mg/L       | IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C | 50.7                | < 5.0              | ≤ 35                | 1.5             | 5.0                         |
| OIL AND GREASE <sup>a</sup>            | mg/L       | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)           | 39                  | < 3                | ≤ 20                | -               | 3                           |
| MICROBIOLOGY                           |            |                                                                         |                     |                    |                     |                 |                             |
| FAECAL COLIFORMS <sup>b</sup>          | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)         | >160,000            | 92                 | -                   | 1.8             | -                           |
| SAMPLE CONDITION                       |            |                                                                         |                     |                    |                     |                 |                             |
| WATER'S COLOUR/TURBID SEDIMENT         |            |                                                                         | YELLOW/TURBID BROWN | YELLOW/CLEAR BROWN |                     |                 |                             |

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

RESULT 1 : INFLUENT (RYG 1)

RESULT 2 : EFFLUENT (RYG 1)

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

*Piyapat S.*

(MRS PIYAPAT SUTTAMANUTWONG)  
LABORATORY SUPERVISOR



- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

1/1



- End of Analysis Report -

# ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 1



**United Analyst and Engineering Consultant Co., Ltd.**

3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260

Tel.0 2763 2828 Fax 0 2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com



NSC-TISI-TIS 17025  
TESTING 0207



TESTING  
No. 0063

## ANALYSIS REPORT

**CUSTOMER NAME** : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)  
**ADDRESS** : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000  
**CONTACT INFORMATION** : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com  
**SAMPLING SOURCE** : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : FEBRUARY 18, 2026  
**SAMPLING TIME** : -  
**SAMPLING METHOD** : -  
**SAMPLING BY** : CUSTOMER  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM

**RECEIVED DATE** : FEBRUARY 19, 2026  
**ANALYTICAL DATE** : FEBRUARY 19-26, 2026  
**ISSUE DATE** : FEBRUARY 27, 2026  
**REPORT NO.** : 2026-U015874  
**WORK NO.** : 2026-000529  
**ANALYSIS NO.** : T26AD404-0001 - T26AD404-0002

| PARAMETER                              | UNIT | METHOD OF ANALYSIS                                                      | RESULT             |                    | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|----------------------------------------|------|-------------------------------------------------------------------------|--------------------|--------------------|---------------------|-----------------|-----------------------------|
|                                        |      |                                                                         | 1<br>T26AD404-0001 | 2<br>T26AD404-0002 |                     |                 |                             |
| pH <sup>a</sup>                        | -    | ELECTROMETRIC METHOD (SM: PART 4500-H <sup>+</sup> B)                   | 6.9 (25°C)         | 7.6 (25°C)         | 5.5-9.0             | -               | -                           |
| BIOCHEMICAL OXYGEN DEMAND <sup>a</sup> | mg/L | MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)           | 174                | < 2.0              | ≤ 30                | -               | 2.0                         |
| TOTAL SUSPENDED SOLIDS <sup>a</sup>    | mg/L | TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)       | 151                | < 5.0              | ≤ 40                | -               | 5.0                         |
| TOTAL KJELDAHL NITROGEN <sup>c</sup>   | mg/L | IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C | 24.6               | ND                 | ≤ 35                | 1.5             | 5.0                         |
| OIL AND GREASE <sup>a</sup>            | mg/L | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)           | 24                 | < 3                | ≤ 20                | -               | 3                           |



- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

1/2



**ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 1**

**UAE** United Analyst and Engineering Consultant Co., Ltd.  
 3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260  
 Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



NSC-TISI-TIS 17025  
 TESTING 0207



TESTING  
 No. 0063

| PARAMETER                      | UNIT       | METHOD OF ANALYSIS                                              | RESULT              |                    | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|--------------------------------|------------|-----------------------------------------------------------------|---------------------|--------------------|---------------------|-----------------|-----------------------------|
|                                |            |                                                                 | 1<br>T26AD404-0001  | 2<br>T26AD404-0002 |                     |                 |                             |
| MICROBIOLOGY                   |            |                                                                 |                     |                    |                     |                 |                             |
| FAECAL COLIFORMS <sup>b</sup>  | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E) | >160,000            | 2.0                | -                   | 1.8             | -                           |
| SAMPLE CONDITION               |            |                                                                 |                     |                    |                     |                 |                             |
| WATER'S COLOUR/TURBID SEDIMENT |            |                                                                 | YELLOW/TURBID BROWN | YELLOW/CLEAR BROWN |                     |                 |                             |

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

RESULT 1 : INFLUENT (RYG 1)

RESULT 2 : EFFLUENT (RYG 1)

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

ND : NOT DETECTED.

*Piyapat S.*

(MRS PIYAPAT SUTTAMANUTWONG)  
 LABORATORY SUPERVISOR



- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

2/2

2026-U015874

- End of Analysis Report -

# ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 1



**United Analyst and Engineering Consultant Co., Ltd.**

3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260

Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



NSC - TISI - TIS 17025  
TESTING 0207



TESTING  
No. 0063

## ANALYSIS REPORT

**CUSTOMER NAME** : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)  
**ADDRESS** : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000  
**CONTACT INFORMATION** : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com  
**SAMPLING SOURCE** : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG  
**SAMPLE TYPE** : WASTEWATER  
**RECEIVED DATE** : MARCH 26, 2026  
**SAMPLING DATE** : MARCH 25, 2026  
**ANALYTICAL DATE** : MARCH 26-APRIL 1, 2026  
**SAMPLING TIME** : -  
**ISSUE DATE** : APRIL 7, 2026  
**SAMPLING METHOD** : -  
**REPORT NO.** : 2026-U026274  
**SAMPLING BY** : CUSTOMER  
**WORK NO.** : 2026-001763  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM  
**ANALYSIS NO.** : T26AG455-0001 - T26AG455-0002

| PARAMETER                              | UNIT       | METHOD OF ANALYSIS                                                      | RESULT             |                    | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|----------------------------------------|------------|-------------------------------------------------------------------------|--------------------|--------------------|---------------------|-----------------|-----------------------------|
|                                        |            |                                                                         | 1<br>T26AG455-0001 | 2<br>T26AG455-0002 |                     |                 |                             |
| pH <sup>a</sup>                        | -          | ELECTROMETRIC METHOD (SM: PART 4500-H <sup>+</sup> B)                   | 6.7 (25°C)         | 7.0 (25°C)         | 5.5-9.0             | -               | -                           |
| BIOCHEMICAL OXYGEN DEMAND <sup>a</sup> | mg/L       | MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)           | 373                | 2.4                | ≤ 30                | -               | 2.0                         |
| TOTAL SUSPENDED SOLIDS <sup>a</sup>    | mg/L       | TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)       | 643                | < 5.0              | ≤ 40                | -               | 5.0                         |
| TOTAL KJELDAHL NITROGEN <sup>b</sup>   | mg/L       | IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C | 35.0               | < 5.0              | ≤ 35                | 1.5             | 5.0                         |
| OIL AND GREASE <sup>a</sup>            | mg/L       | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)           | 76                 | < 3                | ≤ 20                | -               | 3                           |
| <b>MICROBIOLOGY</b>                    |            |                                                                         |                    |                    |                     |                 |                             |
| FAECAL COLIFORMS <sup>b</sup>          | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)         | >160,000           | 330                | -                   | 1.8             | -                           |
| <b>SAMPLE CONDITION</b>                |            |                                                                         |                    |                    |                     |                 |                             |
| WATER'S COLOUR/TURBID                  |            |                                                                         | YELLOW/TURBID      | YELLOW/CLEAR       |                     |                 |                             |
| SEDIMENT                               |            |                                                                         | BROWN              | BROWN              |                     |                 |                             |

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

RESULT 1 : INFLUENT (RYG 1)

RESULT 2 : EFFLUENT (RYG 1)

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

*Wibubk Simuk.*

(MISS WILAILAK SRISUK)  
LABORATORY SUPERVISOR



- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

1/1



- End of Analysis Report -

# ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 1



United Analyst and Engineering Consultant Co., Ltd.

3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260

Tel.0 2763 2828 Fax 0 2763 2800 www.uaconsultant.com E-mail: uae@uaconsultant.com



NSC-TISI-TIS 17025  
TESTING 0207



TESTING  
No. 0063

## ANALYSIS REPORT

**CUSTOMER NAME** : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)  
**ADDRESS** : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000  
**CONTACT INFORMATION** : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com  
**SAMPLING SOURCE** : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : APRIL 16, 2026  
**SAMPLING TIME** : -  
**SAMPLING METHOD** : -  
**SAMPLING BY** : CUSTOMER  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM  
**RECEIVED DATE** : APRIL 17, 2026  
**ANALYTICAL DATE** : APRIL 17-23, 2026  
**ISSUE DATE** : APRIL 28, 2026  
**REPORT NO.** : 2026-U033395  
**WORK NO.** : 2026-002749  
**ANALYSIS NO.** : T26AI079-0001 - T26AI079-0002

| PARAMETER                              | UNIT | METHOD OF ANALYSIS                                                      | RESULT             |                    | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|----------------------------------------|------|-------------------------------------------------------------------------|--------------------|--------------------|---------------------|-----------------|-----------------------------|
|                                        |      |                                                                         | 1<br>T26AI079-0001 | 2<br>T26AI079-0002 |                     |                 |                             |
| pH <sup>c</sup>                        | -    | ELECTROMETRIC METHOD (SM: PART 4500-H <sup>+</sup> B)                   | 7.0 (25°C)         | 7.1 (25°C)         | 5.5-9.0             | -               | -                           |
| BIOCHEMICAL OXYGEN DEMAND <sup>a</sup> | mg/L | MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)           | 150                | 10.0               | ≤ 30                | -               | 2.0                         |
| TOTAL SUSPENDED SOLIDS <sup>a</sup>    | mg/L | TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)       | 125                | < 5.0              | ≤ 40                | -               | 5.0                         |
| TOTAL KJELDAHL NITROGEN <sup>c</sup>   | mg/L | IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C | 25.1               | ND                 | ≤ 35                | 1.5             | 5.0                         |
| OIL AND GREASE <sup>a</sup>            | mg/L | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)           | 19                 | < 3                | ≤ 20                | -               | 3                           |



- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

1/2



# ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 1



**United Analyst and Engineering Consultant Co., Ltd.**

3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260

Tel.0 2763 2828 Fax 0 2763 2800 www.uaconsultant.com E-mail: uae@uaconsultant.com



NSC-TISI-TIS 17025  
TESTING 0207



TESTING  
No. 0063

| PARAMETER                      | UNIT       | METHOD OF ANALYSIS                                              | RESULT                 |                       | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|--------------------------------|------------|-----------------------------------------------------------------|------------------------|-----------------------|---------------------|-----------------|-----------------------------|
|                                |            |                                                                 | 1<br>T26A1079-0001     | 2<br>T26A1079-0002    |                     |                 |                             |
| MICROBIOLOGY                   |            |                                                                 |                        |                       |                     |                 |                             |
| FAECAL COLIFORMS <sup>b</sup>  | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E) | >160,000               | 4,900                 | -                   | 1.8             | -                           |
| SAMPLE CONDITION               |            |                                                                 |                        |                       |                     |                 |                             |
| WATER'S COLOUR/TURBID SEDIMENT |            |                                                                 | YELLOW/TURBID<br>BROWN | YELLOW/CLEAR<br>BROWN |                     |                 |                             |

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

RESULT 1 : INFLUENT (RYG 1)

RESULT 2 : EFFLUENT (RYG 1)

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

ND : NOT DETECTED.

*Wilailak Sriruk.*

(MISS WILAILAK SRISUK)  
LABORATORY SUPERVISOR



- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

2/2

2026-U033395

- End of Analysis Report -

# ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 1



**United Analyst and Engineering Consultant Co., Ltd.**  
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260  
Tel.0 2763 2828 Fax 0 2763 2800 www.uaconsultant.com E-mail: uae@uaconsultant.com



NSC-TISI-TIS 17025  
TESTING 0207



TESTING  
No. 0063

## ANALYSIS REPORT

**CUSTOMER NAME** : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)  
**ADDRESS** : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000  
**CONTACT INFORMATION** : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com  
**SAMPLING SOURCE** : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG  
**SAMPLE TYPE** : WASTEWATER  
**RECEIVED DATE** : MAY 7, 2026  
**SAMPLING DATE** : MAY 6, 2026  
**ANALYTICAL DATE** : MAY 7-14, 2026  
**SAMPLING TIME** : -  
**ISSUE DATE** : MAY 19, 2026  
**SAMPLING METHOD** : -  
**REPORT NO.** : 2026-U040488  
**SAMPLING BY** : CUSTOMER  
**WORK NO.** : 2026-003662  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM  
**ANALYSIS NO.** : T26AJ672-0001 - T26AJ672-0002

| PARAMETER                              | UNIT | METHOD OF ANALYSIS                                                      | RESULT             |                    | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|----------------------------------------|------|-------------------------------------------------------------------------|--------------------|--------------------|---------------------|-----------------|-----------------------------|
|                                        |      |                                                                         | 1<br>T26AJ672-0001 | 2<br>T26AJ672-0002 |                     |                 |                             |
| pH <sup>a</sup>                        | -    | ELECTROMETRIC METHOD (SM: PART 4500-H <sup>+</sup> B)                   | 7.4 (25°C)         | 7.2 (25°C)         | 5.5-9.0             | -               | -                           |
| BIOCHEMICAL OXYGEN DEMAND <sup>a</sup> | mg/L | MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)           | 390                | 3.5                | ≤ 30                | -               | 2.0                         |
| TOTAL SUSPENDED SOLIDS <sup>a</sup>    | mg/L | TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)       | 530                | < 5.0              | ≤ 40                | -               | 5.0                         |
| TOTAL KJELDAHL NITROGEN <sup>b</sup>   | mg/L | IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C | 41.1               | 6.4                | ≤ 35                | 1.5             | 5.0                         |
| OIL AND GREASE <sup>a</sup>            | mg/L | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)           | 27                 | < 3                | ≤ 20                | -               | 3                           |



- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

1/2



# ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 1



United Analyst and Engineering Consultant Co., Ltd.

3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260

Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



NSC-TISI-TIS 17025  
TESTING 0207



TESTING  
No. 0063

| PARAMETER                     | UNIT       | METHOD OF ANALYSIS                                              | RESULT             |                    | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|-------------------------------|------------|-----------------------------------------------------------------|--------------------|--------------------|---------------------|-----------------|-----------------------------|
|                               |            |                                                                 | 1<br>T26AJ672-0001 | 2<br>T26AJ672-0002 |                     |                 |                             |
| MICROBIOLOGY                  |            |                                                                 |                    |                    |                     |                 |                             |
| FAECAL COLIFORMS <sup>b</sup> | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E) | >160,000           | 7,000              | -                   | 18              | -                           |
| SAMPLE CONDITION              |            |                                                                 |                    |                    |                     |                 |                             |
| WATER'S COLOUR/TURBID         |            |                                                                 | YELLOW/TURBID      | YELLOW/TURBID      |                     |                 |                             |
| SEDIMENT                      |            |                                                                 | BROWN              | YELLOW             |                     |                 |                             |

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

RESULT 1 : INFLUENT (RYG 1)

RESULT 2 : EFFLUENT (RYG 1)

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 141, PART 233 D, DATED AUGUST 27, 2024.

*Wilailak Sriruk.*

(MISS WILAILAK SRISUK)  
LABORATORY SUPERVISOR



- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

2/2

2026-U040488

- End of Analysis Report -

**ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 1**



**United Analyst and Engineering Consultant Co., Ltd.**  
 3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260  
 Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



NSC-TISI-TIS 17025  
 TESTING 0207



TESTING  
 No. 0063

**ANALYSIS REPORT**

|                            |                                                                |                        |                                 |
|----------------------------|----------------------------------------------------------------|------------------------|---------------------------------|
| <b>CUSTOMER NAME</b>       | : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)          | <b>RECEIVED DATE</b>   | : JUNE 11, 2026                 |
| <b>ADDRESS</b>             | : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000 | <b>ANALYTICAL DATE</b> | : JUNE 11-19, 2026              |
| <b>CONTACT INFORMATION</b> | : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com             | <b>ISSUE DATE</b>      | : JUNE 22, 2026                 |
| <b>SAMPLING SOURCE</b>     | : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG            | <b>REPORT NO.</b>      | : 2026-U054229                  |
| <b>SAMPLE TYPE</b>         | : WASTEWATER                                                   | <b>WORK NO.</b>        | : 2026-004608                   |
| <b>SAMPLING DATE</b>       | : JUNE 10, 2026                                                | <b>ANALYSIS NO.</b>    | : T26AN001-0001 - T26AN001-0002 |
| <b>SAMPLING TIME</b>       | : -                                                            |                        |                                 |
| <b>SAMPLING METHOD</b>     | : -                                                            |                        |                                 |
| <b>SAMPLING BY</b>         | : CUSTOMER                                                     |                        |                                 |
| <b>ANALYZED BY</b>         | : MISS NAPAPORN KHUNNOKKHUM                                    |                        |                                 |

| PARAMETER                              | UNIT | METHOD OF ANALYSIS                                                      | RESULT             |                    | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|----------------------------------------|------|-------------------------------------------------------------------------|--------------------|--------------------|---------------------|-----------------|-----------------------------|
|                                        |      |                                                                         | 1<br>T26AN001-0001 | 2<br>T26AN001-0002 |                     |                 |                             |
| pH <sup>a</sup>                        | -    | ELECTROMETRIC METHOD (SM: PART 4500-H <sup>+</sup> B)                   | 7.1 (25°C)         | 7.0 (25°C)         | 5.5-9.0             | -               | -                           |
| BIOCHEMICAL OXYGEN DEMAND <sup>a</sup> | mg/L | MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)           | 478                | 11.5               | ≤ 30                | -               | 2.0                         |
| TOTAL SUSPENDED SOLIDS <sup>a</sup>    | mg/L | TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)       | 716                | < 5.0              | ≤ 40                | -               | 5.0                         |
| TOTAL KJELDAHL NITROGEN <sup>b</sup>   | mg/L | IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C | 48.0               | < 5.0              | ≤ 35                | 1.5             | 5.0                         |
| OIL AND GREASE <sup>a</sup>            | mg/L | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)           | 72                 | < 3                | ≤ 20                | -               | 3                           |

ISO 9001:2015 CERTIFIED  
 ISO 14001:2015 CERTIFIED  
 ISO 45001:2018 CERTIFIED

- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

1/2



**ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 1**



**United Analyst and Engineering Consultant Co., Ltd.**

3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260

Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



NSC-TISI-TIS 17025  
TESTING 0207



TESTING  
No. 0063

| PARAMETER                      | UNIT       | METHOD OF ANALYSIS                                              | RESULT                 |                       | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|--------------------------------|------------|-----------------------------------------------------------------|------------------------|-----------------------|---------------------|-----------------|-----------------------------|
|                                |            |                                                                 | 1<br>T26AN001-0001     | 2<br>T26AN001-0002    |                     |                 |                             |
| MICROBIOLOGY                   |            |                                                                 |                        |                       |                     |                 |                             |
| FAECAL COLIFORMS <sup>b</sup>  | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E) | >160,000               | 49                    | -                   | 1.8             | -                           |
| SAMPLE CONDITION               |            |                                                                 |                        |                       |                     |                 |                             |
| WATER'S COLOUR/TURBID SEDIMENT |            |                                                                 | YELLOW/TURBID<br>BROWN | YELLOW/CLEAR<br>BROWN |                     |                 |                             |

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

RESULT 1 : INFLUENT (RYG 1)

RESULT 2 : EFFLUENT (RYG 1)

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

*Wilailak Sriruk*

(MISS WILAILAK SRISUK)  
LABORATORY SUPERVISOR

ISO 9001:2015 CERTIFIED  
ISO 14001:2015 CERTIFIED  
ISO 45001:2018 CERTIFIED

- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

2/2

2026-U054229

- End of Analysis Report -

# ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 2



**United Analyst and Engineering Consultant Co., Ltd.**  
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260  
Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



NSC - TISI - TIS 17025  
TESTING 0207



TESTING  
No. 0063

## ANALYSIS REPORT

**CUSTOMER NAME** : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)  
**ADDRESS** : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000  
**CONTACT INFORMATION** : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com  
**SAMPLING SOURCE** : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : JANUARY 21, 2026  
**SAMPLING TIME** : -  
**SAMPLING METHOD** : -  
**SAMPLING BY** : CUSTOMER  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM

**RECEIVED DATE** : JANUARY 22, 2026  
**ANALYTICAL DATE** : JANUARY 22-30, 2026  
**ISSUE DATE** : FEBRUARY 18, 2026  
**REPORT NO.** : 2026-U012545  
**WORK NO.** : 2026-000270  
**ANALYSIS NO.** : T26AB289-0003 - T26AB289-0004

| PARAMETER                              | UNIT | METHOD OF ANALYSIS                                                      | RESULT             |                    | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|----------------------------------------|------|-------------------------------------------------------------------------|--------------------|--------------------|---------------------|-----------------|-----------------------------|
|                                        |      |                                                                         | 1<br>T26AB289-0003 | 2<br>T26AB289-0004 |                     |                 |                             |
| pH <sup>a</sup>                        | -    | ELECTROMETRIC METHOD (SM: PART 4500-H <sup>+</sup> B)                   | 6.9 (25°C)         | 6.7 (25°C)         | 5.5-9.0             | -               | -                           |
| BIOCHEMICAL OXYGEN DEMAND <sup>a</sup> | mg/L | MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)           | 71.4               | < 2.0              | ≤ 30                | -               | 2.0                         |
| TOTAL SUSPENDED SOLIDS <sup>a</sup>    | mg/L | TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)       | 46.1               | 14.7               | ≤ 40                | -               | 5.0                         |
| TOTAL KJELDAHL NITROGEN <sup>a</sup>   | mg/L | IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C | 13.3               | 11.3               | ≤ 35                | 1.5             | 5.0                         |
| OIL AND GREASE <sup>a</sup>            | mg/L | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)           | 3                  | < 3                | ≤ 20                | -               | 3                           |



- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

1/2



# ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 2



United Analyst and Engineering Consultant Co., Ltd.

3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260

Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



NSC-TISI-TIS 17025  
TESTING 0207



TESTING  
No. 0063

| PARAMETER                      | UNIT       | METHOD OF ANALYSIS                                              | RESULT                 |                        | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|--------------------------------|------------|-----------------------------------------------------------------|------------------------|------------------------|---------------------|-----------------|-----------------------------|
|                                |            |                                                                 | 1<br>T26AB289-0003     | 2<br>T26AB289-0004     |                     |                 |                             |
| MICROBIOLOGY                   |            |                                                                 |                        |                        |                     |                 |                             |
| FAECAL COLIFORMS <sup>b</sup>  | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E) | >160,000               | >160,000               | -                   | 1.8             | -                           |
| SAMPLE CONDITION               |            |                                                                 |                        |                        |                     |                 |                             |
| WATER'S COLOUR/TURBID SEDIMENT |            |                                                                 | YELLOW/TURBID<br>BROWN | YELLOW/TURBID<br>BROWN |                     |                 |                             |

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

RESULT 1 : INFLUENT (RYG 2)

RESULT 2 : EFFLUENT (RYG 2)

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

<sup>^</sup> : PARAMETER ANALYSED OF THE EFFLUENT IS SAMPLING ON FEBRUARY 9, 2026, ANALYSIS NO. T26AC622-0001 (ANALYTICAL DATE : FEBRUARY 10-16, 2026).

THE REASON FOR ISSUING THE NEW REPORT IS TO SUBSTITUTE RESULT OF BIOCHEMICAL OXYGEN DEMAND. SUBSTITUTED REPORT FOR REPORT NO. 2026-U007722, ISSUE DATE FEBRUARY 3, 2026.

Wilailak Sriruk.

(MISS WILAILAK SRISUK)  
LABORATORY SUPERVISOR



- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

2/2

2026-U012545

- End of Analysis Report -

# ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 2



**United Analyst and Engineering Consultant Co., Ltd.**  
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260  
Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



NSC-TISI-TIS 17025  
TESTING 0207



TESTING  
No. 0063

## ANALYSIS REPORT

**CUSTOMER NAME** : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)  
**ADDRESS** : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000  
**CONTACT INFORMATION** : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com  
**SAMPLING SOURCE** : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : FEBRUARY 18, 2026  
**SAMPLING TIME** : -  
**SAMPLING METHOD** : -  
**SAMPLING BY** : CUSTOMER  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM  
**RECEIVED DATE** : FEBRUARY 19, 2026  
**ANALYTICAL DATE** : FEBRUARY 19-26, 2026  
**ISSUE DATE** : FEBRUARY 27, 2026  
**REPORT NO.** : 2026-U015875  
**WORK NO.** : 2026-000529  
**ANALYSIS NO.** : T26AD404-0003 - T26AD404-0004

| PARAMETER                              | UNIT       | METHOD OF ANALYSIS                                                     | RESULT             |                    | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|----------------------------------------|------------|------------------------------------------------------------------------|--------------------|--------------------|---------------------|-----------------|-----------------------------|
|                                        |            |                                                                        | 1<br>T26AD404-0003 | 2<br>T26AD404-0004 |                     |                 |                             |
| pH <sup>a</sup>                        | -          | ELECTROMETRIC METHOD (SM: PART 4500-H <sup>+</sup> B)                  | 6.8 (25°C)         | 7.2 (25°C)         | 5.5-9.0             | -               | -                           |
| BIOCHEMICAL OXYGEN DEMAND <sup>a</sup> | mg/L       | MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)          | 48.0               | 2.8                | ≤ 30                | -               | 2.0                         |
| TOTAL SUSPENDED SOLIDS <sup>a</sup>    | mg/L       | TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)      | 59.4               | 27.0               | ≤ 40                | -               | 5.0                         |
| TOTAL KJELDAHL NITROGEN <sup>a</sup>   | mg/L       | IN-HOUSE METHOD: UAE.TP.WAS.001(KJELDAHL METHOD); SM: PART 4500-Norg C | 11.9               | < 5.0              | ≤ 35                | 1.5             | 5.0                         |
| OIL AND GREASE <sup>a</sup>            | mg/L       | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)          | < 3                | < 3                | ≤ 20                | -               | 3                           |
| <b>MICROBIOLOGY</b>                    |            |                                                                        |                    |                    |                     |                 |                             |
| FAECAL COLIFORMS <sup>b</sup>          | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)        | >160,000           | 4,600              | -                   | 1.8             | -                           |
| <b>SAMPLE CONDITION</b>                |            |                                                                        |                    |                    |                     |                 |                             |
| WATER'S COLOUR/TURBID                  |            |                                                                        | YELLOW/TURBID      | YELLOW/TURBID      |                     |                 |                             |
| SEDIMENT                               |            |                                                                        | BROWN              | BROWN              |                     |                 |                             |

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

RESULT 1 : INFLUENT (RYG 2)

RESULT 2 : EFFLUENT (RYG 2)

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

*Piyapat S.*

(MRS PIYAPAT SUTTAMANUTWONG)  
LABORATORY SUPERVISOR



- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

1/1



- End of Analysis Report -

# ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 2



**United Analyst and Engineering Consultant Co., Ltd.**

3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260

Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



NSC - TISI - TIS 17025  
TESTING 0207



TESTING  
No. 0063

## ANALYSIS REPORT

**CUSTOMER NAME** : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)  
**ADDRESS** : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000  
**CONTACT INFORMATION** : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com  
**SAMPLING SOURCE** : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG  
**SAMPLE TYPE** : WASTEWATER  
**RECEIVED DATE** : MARCH 26, 2026  
**SAMPLING DATE** : MARCH 25, 2026  
**ANALYTICAL DATE** : MARCH 26-APRIL 1, 2026  
**SAMPLING TIME** : -  
**ISSUE DATE** : APRIL 7, 2026  
**SAMPLING METHOD** : -  
**REPORT NO.** : 2026-U026276  
**SAMPLING BY** : CUSTOMER  
**WORK NO.** : 2026-001763  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM  
**ANALYSIS NO.** : T26AG455-0003 - T26AG455-0004

| PARAMETER                              | UNIT       | METHOD OF ANALYSIS                                                      | RESULT                 |                       | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|----------------------------------------|------------|-------------------------------------------------------------------------|------------------------|-----------------------|---------------------|-----------------|-----------------------------|
|                                        |            |                                                                         | 1<br>T26AG455-0003     | 2<br>T26AG455-0004    |                     |                 |                             |
| pH <sup>a</sup>                        | -          | ELECTROMETRIC METHOD (SM: PART 4500-H <sup>+</sup> B)                   | 6.3 (25°C)             | 6.6 (25°C)            | 5.5-9.0             | -               | -                           |
| BIOCHEMICAL OXYGEN DEMAND <sup>a</sup> | mg/L       | MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)           | 57.2                   | 12.1                  | ≤ 30                | -               | 2.0                         |
| TOTAL SUSPENDED SOLIDS <sup>a</sup>    | mg/L       | TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)       | 53.4                   | 7.8                   | ≤ 40                | -               | 5.0                         |
| TOTAL KJELDAHL NITROGEN <sup>b</sup>   | mg/L       | IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C | 8.5                    | < 5.0                 | ≤ 35                | 1.5             | 5.0                         |
| OIL AND GREASE <sup>a</sup>            | mg/L       | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)           | 4                      | < 3                   | ≤ 20                | -               | 3                           |
| MICROBIOLOGY                           |            |                                                                         |                        |                       |                     |                 |                             |
| FAECAL COLIFORMS <sup>b</sup>          | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)         | 24,000                 | 790                   | -                   | 1.8             | -                           |
| SAMPLE CONDITION                       |            |                                                                         |                        |                       |                     |                 |                             |
| WATER'S COLOUR/TURBID SEDIMENT         |            |                                                                         | YELLOW/TURBID<br>BROWN | YELLOW/CLEAR<br>BROWN |                     |                 |                             |

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

RESULT 1 : INFLUENT (RYG 2)

RESULT 2 : EFFLUENT (RYG 2)

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

*Wilailak Sriruk*

(MISS WILAILAK SRISUK)  
LABORATORY SUPERVISOR



- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

1/1



- End of Analysis Report -

# ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 2



United Analyst and Engineering Consultant Co., Ltd.

3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260

Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



NSC-TISI-TIS 17025  
TESTING 0207



TESTING  
No. 0063

## ANALYSIS REPORT

**CUSTOMER NAME** : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)  
**ADDRESS** : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000  
**CONTACT INFORMATION** : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com  
**SAMPLING SOURCE** : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : APRIL 16, 2026  
**SAMPLING TIME** : -  
**SAMPLING METHOD** : -  
**SAMPLING BY** : CUSTOMER  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM  
**RECEIVED DATE** : APRIL 17, 2026  
**ANALYTICAL DATE** : APRIL 17-23, 2026  
**ISSUE DATE** : APRIL 30, 2026  
**REPORT NO.** : 2026-U034850  
**WORK NO.** : 2026-002749  
**ANALYSIS NO.** : T26AI079-0003 - T26AI079-0004

| PARAMETER                              | UNIT | METHOD OF ANALYSIS                                                     | RESULT             |                    | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|----------------------------------------|------|------------------------------------------------------------------------|--------------------|--------------------|---------------------|-----------------|-----------------------------|
|                                        |      |                                                                        | 1<br>T26AI079-0003 | 2<br>T26AI079-0004 |                     |                 |                             |
| pH <sup>c</sup>                        | -    | ELECTROMETRIC METHOD (SM: PART 4500-H <sup>+</sup> B)                  | 6.2 (25°C)         | 6.5 (25°C)         | 5.5-9.0             | -               | -                           |
| BIOCHEMICAL OXYGEN DEMAND <sup>a</sup> | mg/L | MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)          | 52.0               | 29.5               | ≤ 30                | -               | 2.0                         |
| TOTAL SUSPENDED SOLIDS <sup>a</sup>    | mg/L | TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)      | 69.8               | 12.7               | ≤ 40                | -               | 5.0                         |
| TOTAL KJELDAHL NITROGEN <sup>b</sup>   | mg/L | IN-HOUSE METHOD: UAE.TP.WAS.001(KJELDAHL METHOD); SM: PART 4500-Norg C | 10.3               | < 5.0              | ≤ 35                | 1.5             | 5.0                         |
| OIL AND GREASE <sup>a</sup>            | mg/L | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)          | 4                  | < 3                | ≤ 20                | -               | 3                           |



- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

1/2



# ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 2



**United Analyst and Engineering Consultant Co., Ltd.**  
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260  
Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



NSC-TISI-TIS 17025  
TESTING 0207



TESTING  
No. 0063

| PARAMETER                      | UNIT       | METHOD OF ANALYSIS                                              | RESULT                 |                        | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|--------------------------------|------------|-----------------------------------------------------------------|------------------------|------------------------|---------------------|-----------------|-----------------------------|
|                                |            |                                                                 | 1<br>T26A1079-0003     | 2<br>T26A1079-0004     |                     |                 |                             |
| MICROBIOLOGY                   |            |                                                                 |                        |                        |                     |                 |                             |
| FAECAL COLIFORMS <sup>b</sup>  | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E) | 7,900                  | 3,300                  | -                   | 1.8             | -                           |
| SAMPLE CONDITION               |            |                                                                 |                        |                        |                     |                 |                             |
| WATER'S COLOUR/TURBID SEDIMENT |            |                                                                 | YELLOW/TURBID<br>BLACK | YELLOW/TURBID<br>BROWN |                     |                 |                             |

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

RESULT 1 : RYG 2 (ขาเข้า)

RESULT 2 : RYG 2 (ขาออก)

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

THE REASON FOR ISSUING THE NEW REPORT IS TO CORRECT THE RESULT OF FAECAL COLIFORMS.

SUBSTITUTED REPORT FOR REPORT NO. 2026-U033396, ISSUE DATE APRIL 28, 2026.

*Wilailak Sriruk.*

(MISS WILAILAK SRISUK)  
LABORATORY SUPERVISOR



- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

2/2

2026-U034850

- End of Analysis Report -

# ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 2



United Analyst and Engineering Consultant Co., Ltd.

3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260

Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



NSC-TISI-TIS 17025  
TESTING 0207



TESTING  
No. 0063

## ANALYSIS REPORT

**CUSTOMER NAME** : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)  
**ADDRESS** : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000  
**CONTACT INFORMATION** : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com  
**SAMPLING SOURCE** : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : MAY 6, 2026  
**SAMPLING TIME** : -  
**SAMPLING METHOD** : -  
**SAMPLING BY** : CUSTOMER  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM  
**RECEIVED DATE** : MAY 7, 2026  
**ANALYTICAL DATE** : MAY 7-14, 2026  
**ISSUE DATE** : MAY 19, 2026  
**REPORT NO.** : 2026-U040489  
**WORK NO.** : 2026-003662  
**ANALYSIS NO.** : T26AJ672-0003 - T26AJ672-0004

| PARAMETER                              | UNIT | METHOD OF ANALYSIS                                                      | RESULT             |                    | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|----------------------------------------|------|-------------------------------------------------------------------------|--------------------|--------------------|---------------------|-----------------|-----------------------------|
|                                        |      |                                                                         | 1<br>T26AJ672-0003 | 2<br>T26AJ672-0004 |                     |                 |                             |
| pH <sup>a</sup>                        | -    | ELECTROMETRIC METHOD (SM: PART 4500-H <sup>+</sup> B)                   | 6.0 (25°C)         | 6.6 (25°C)         | 5.5-9.0             | -               | -                           |
| BIOCHEMICAL OXYGEN DEMAND <sup>a</sup> | mg/L | MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)           | 30.8               | 13.9               | ≤ 30                | -               | 2.0                         |
| TOTAL SUSPENDED SOLIDS <sup>a</sup>    | mg/L | TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)       | 26.7               | 10.6               | ≤ 40                | -               | 5.0                         |
| TOTAL KJELDAHL NITROGEN <sup>b</sup>   | mg/L | IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C | 7.1                | 5.7                | ≤ 35                | 1.5             | 5.0                         |
| OIL AND GREASE <sup>a</sup>            | mg/L | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)           | < 3                | < 3                | ≤ 20                | -               | 3                           |



- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

1/2



# ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 2



**United Analyst and Engineering Consultant Co., Ltd.**

3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260

Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



NSC-TISI-TIS 17025  
TESTING 0207



TESTING  
No. 0063

| PARAMETER                     | UNIT       | METHOD OF ANALYSIS                                              | RESULT             |                    | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|-------------------------------|------------|-----------------------------------------------------------------|--------------------|--------------------|---------------------|-----------------|-----------------------------|
|                               |            |                                                                 | 1<br>T26AJ672-0003 | 2<br>T26AJ672-0004 |                     |                 |                             |
| MICROBIOLOGY                  |            |                                                                 |                    |                    |                     |                 |                             |
| FAECAL COLIFORMS <sup>b</sup> | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E) | 92,000             | 460                | -                   | 1.8             | -                           |
| SAMPLE CONDITION              |            |                                                                 |                    |                    |                     |                 |                             |
| WATER'S COLOUR/TURBID         |            |                                                                 | YELLOW/TURBID      | YELLOW/TURBID      |                     |                 |                             |
| SEDIMENT                      |            |                                                                 | BLACK              | BROWN              |                     |                 |                             |

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

RESULT 1 : INFLUENT (RYG 2)

RESULT 2 : EFFLUENT (RYG 2)

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

*Wilailak Sriruk*

(MISS WILAILAK SRISUK)  
LABORATORY SUPERVISOR



- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

2/2

2026-U040489

- End of Analysis Report -

# ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 2



**United Analyst and Engineering Consultant Co., Ltd.**  
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260  
Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



NSC-TISI-TIS 17025  
TESTING 0207



TESTING  
No. 0063

## ANALYSIS REPORT

**CUSTOMER NAME** : KASEMKIJ COMPANY LIMITED (KANTARY BAY HOTEL RAYONG)  
**ADDRESS** : 50, 50/2 RIEPJAIFANG ROAD PAK NAM MUEANG RAYONG RAYONG 21000  
**CONTACT INFORMATION** : TEL : 0 2233 8989-98 e-mail : kj-qc@kasemkij.com  
**SAMPLING SOURCE** : WASTEWATER TREATMENT PLANT OF KANTARY BAY, RAYONG  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : JUNE 10, 2026  
**SAMPLING TIME** : -  
**SAMPLING METHOD** : -  
**SAMPLING BY** : CUSTOMER  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM

**RECEIVED DATE** : JUNE 11, 2026  
**ANALYTICAL DATE** : JUNE 11-19, 2026  
**ISSUE DATE** : JUNE 22, 2026  
**REPORT NO.** : 2026-U054230  
**WORK NO.** : 2026-004608  
**ANALYSIS NO.** : T26AN001-0003 - T26AN001-0004

| PARAMETER                              | UNIT | METHOD OF ANALYSIS                                                      | RESULT             |                    | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|----------------------------------------|------|-------------------------------------------------------------------------|--------------------|--------------------|---------------------|-----------------|-----------------------------|
|                                        |      |                                                                         | 1<br>T26AN001-0003 | 2<br>T26AN001-0004 |                     |                 |                             |
| pH <sup>a</sup>                        | -    | ELECTROMETRIC METHOD (SM: PART 4500-H <sup>+</sup> B)                   | 6.5 (25°C)         | 6.7 (25°C)         | 5.5-9.0             | -               | -                           |
| BIOCHEMICAL OXYGEN DEMAND <sup>a</sup> | mg/L | MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)           | 33.5               | 7.3                | ≤ 30                | -               | 2.0                         |
| TOTAL SUSPENDED SOLIDS <sup>a</sup>    | mg/L | TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)       | 86.5               | 9.3                | ≤ 40                | -               | 5.0                         |
| TOTAL KJELDAHL NITROGEN <sup>b</sup>   | mg/L | IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C | 7.3                | < 5.0              | ≤ 35                | 1.5             | 5.0                         |
| OIL AND GREASE <sup>a</sup>            | mg/L | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)           | < 3                | < 3                | ≤ 20                | -               | 3                           |

ISO 9001:2015 CERTIFIED  
ISO 14001:2015 CERTIFIED  
ISO 45001:2018 CERTIFIED

- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

1/2



## ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ KANTARY BAY RAYONG อาคาร 2



**United Analyst and Engineering Consultant Co., Ltd.**  
 3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260  
 Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com



NSC-TISI-TIS 17025  
TESTING 0207



TESTING  
No. 0063

| PARAMETER                      | UNIT       | METHOD OF ANALYSIS                                              | RESULT                 |                       | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|--------------------------------|------------|-----------------------------------------------------------------|------------------------|-----------------------|---------------------|-----------------|-----------------------------|
|                                |            |                                                                 | 1<br>T26AN001-0003     | 2<br>T26AN001-0004    |                     |                 |                             |
| MICROBIOLOGY                   |            |                                                                 |                        |                       |                     |                 |                             |
| FAECAL COLIFORMS <sup>b</sup>  | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E) | 17,000                 | 13,000                | -                   | 1.8             | -                           |
| SAMPLE CONDITION               |            |                                                                 |                        |                       |                     |                 |                             |
| WATER'S COLOUR/TURBID SEDIMENT |            |                                                                 | YELLOW/TURBID<br>BROWN | YELLOW/CLEAR<br>BROWN |                     |                 |                             |

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

RESULT 1 : INFLUENT (RYG 2)

RESULT 2 : EFFLUENT (RYG 2)

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

*Wilailak Srisuk*

(MISS WILAILAK SRISUK)  
LABORATORY SUPERVISOR

ISO 9001:2015 CERTIFIED  
ISO 14001:2015 CERTIFIED  
ISO 45001:2018 CERTIFIED

- PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

2/2

2026-U054230

- End of Analysis Report -