

dusitD2

SAMYAN · BANGKOK

ภาคผนวก ค 1  
รายงานผลการติดตามตรวจสอบคุณภาพน้ำทิ้ง  
เดือนกรกฎาคม พ.ศ. 2567



## ANALYSIS REPORT

|                            |  |                        |                                 |
|----------------------------|--|------------------------|---------------------------------|
| <b>CUSTOMER NAME</b>       | : TIAN TECK PROPERTY COMPANY LIMITED               | <b>RECEIVED DATE</b>   | : JULY 11, 2024                 |
| <b>ADDRESS</b>             | : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500   | <b>ANALYTICAL DATE</b> | : JULY 11-18, 2024              |
| <b>CONTACT INFORMATION</b> | : TEL : 09 5280 5895 e-mail : pairach.cp@dusit.com | <b>ISSUE DATE</b>      | : JULY 19, 2024                 |
| <b>SAMPLING SOURCE</b>     | : DUSITD2 SAMYAN, BANGKOK                          | <b>REPORT NO.</b>      | : 2024-U066484                  |
| <b>SAMPLE TYPE</b>         | : WASTEWATER                                       | <b>WORK NO.</b>        | : 2024-000606                   |
| <b>SAMPLING DATE</b>       | : JULY 11, 2024                                    | <b>ANALYSIS NO.</b>    | : T24AP735-0001 - T24AP735-0002 |
| <b>SAMPLING TIME</b>       | : 1/   |                        |                                 |
| <b>SAMPLING METHOD</b>     | : GRAB   |                        |                                 |
| <b>SAMPLING BY</b>         | : MR SUKSAN BOONLEANG                              |                        |                                 |
| <b>ANALYZED BY</b>         | : MISS NAPAPORN KHUNNOKKHUM                        |                        |                                 |

| PARAMETER                              | UNIT | METHOD OF ANALYSIS  | RESULT                              |                                     | REGULATORY STANDARD | DETECTION LIMIT |
|--|------|---|-------------------------------------|-------------------------------------|---------------------|-----------------|
|  |      |   | 1<br>10:20 HOUR 1/<br>T24AP735-0001 | 2<br>10:10 HOUR 1/<br>T24AP735-0002 |                     |                 |
| pH <sup>a</sup>                        | -    | ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1060 B                      | 6.9 (32°C)                          | 6.9 (32°C)                          | 5-9                 | -               |
| BIOCHEMICAL OXYGEN DEMAND <sup>a</sup> | mg/L | MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)                                 | 126                                 | 67.0                                | ≤ 30                | 2.0             |
| SUSPENDED SOLIDS <sup>a</sup>          | mg/L | SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)  | 49.6                                | 25.2                                | ≤ 40                | 5.0             |
| TOTAL DISSOLVED SOLIDS <sup>b</sup>    | mg/L | IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C | 489                                 | 385                                 | 500*                | 25              |
| SULPHIDE <sup>c</sup>                  | mg/L | IODOMETRIC METHOD (SM: PART 4500-S <sup>2-</sup> F)   | 7.2                                 | < 0.50                              | ≤ 1.0               | 0.50            |
| TOTAL KJELDAHL NITROGEN <sup>b</sup>   | mg/L | IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C                       | 74.9                                | 6.1                                 | ≤ 35                | 1.5             |

| PARAMETER  | UNIT | METHOD OF ANALYSIS  | RESULT                              |                                     | REGULATORY STANDARD | DETECTION LIMIT |
|--|------|---|-------------------------------------|-------------------------------------|---------------------|-----------------|
|  |      |   | 1<br>10:20 HOUR 1/<br>T24AP735-0001 | 2<br>10:10 HOUR 1/<br>T24AP735-0002 |                     |                 |
| FAT, OIL AND GREASE °  | mg/L | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B) | 6                                   | ND                                  | ≤ 20                | 3               |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>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)

<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

**IN-HOUSE** : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

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

**RESULT 1** : น้ำเสียเข้าสู่ระบบบำบัดน้ำเสีย

**RESULT 2** : น้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย

**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 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

**500\*** : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

**ND** : NOT DETECTED.

(MRS PIYAPAT SUTTAMANUTWONG)  
LABORATORY SUPERVISOR

## ANALYSIS REPORT

|                            |  |                        |                    |
|----------------------------|--|------------------------|--------------------|
| <b>CUSTOMER NAME</b>       | : TIAN TECK PROPERTY COMPANY LIMITED               | <b>RECEIVED DATE</b>   | : JULY 11, 2024    |
| <b>ADDRESS</b>             | : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500   | <b>ANALYTICAL DATE</b> | : JULY 11-18, 2024 |
| <b>CONTACT INFORMATION</b> | : TEL : 09 5280 5895 e-mail : pairach.cp@dusit.com | <b>ISSUE DATE</b>      | : JULY 19, 2024    |
| <b>SAMPLING SOURCE</b>     | : DUSITD2 SAMYAN, BANGKOK                          | <b>REPORT NO.</b>      | : 2024-U066485     |
| <b>SAMPLE TYPE</b>         | : EFFLUENT   | <b>WORK NO.</b>        | : 2024-000606      |
| <b>SAMPLING DATE</b>       | : JULY 11, 2024                                    | <b>ANALYSIS NO.</b>    | : T24AP735-0003    |
| <b>SAMPLING TIME</b>       | : 10:15 HOUR                                       |                        |                    |
| <b>SAMPLING METHOD</b>     | : GRAB   |                        |                    |
| <b>SAMPLING BY</b>         | : MR SUKSAN BOONLEANG                              |                        |                    |
| <b>ANALYZED BY</b>         | : MISS NAPAPORN KHUNNOKKHUM                        |                        |                    |

| PARAMETER  | UNIT | METHOD OF ANALYSIS  | RESULT   | REGULATORY STANDARD | DETECTION LIMIT |
|--|------|---|--|---------------------|-----------------|
|  |      |   | เมื่อพิกัดน้ำสุดท้ายของ<br>ระบบระบายน้ำ<br>T24AP735-0003 |                     |                 |
| pH <sup>a</sup>  | -    | ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1060 B                      | 7.1 (33°C)   | 5-9                 | -               |
| BIOCHEMICAL OXYGEN DEMAND <sup>a</sup>                       | mg/L | MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)                                 | 68.6   | ≤ 30                | 2.0             |
| SUSPENDED SOLIDS <sup>a</sup>                                | mg/L | SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)  | 26.4   | ≤ 40                | 5.0             |
| TOTAL DISSOLVED SOLIDS <sup>b</sup>                          | mg/L | IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C | 409  | 500*                | 25              |
| SULPHIDE <sup>b</sup>  | mg/L | IODOMETRIC METHOD (SM: PART 4500-S <sub>2</sub> -F)   | < 0.50   | ≤ 1.0               | 0.50            |
| TOTAL KJELDAHL NITROGEN <sup>b</sup>                         | mg/L | IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C                       | 18.3   | ≤ 35                | 1.5             |
| FAT, OIL AND GREASE <sup>c</sup>                             | mg/L | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)                                 | ND   | ≤ 20                | 3               |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>SEDIMENT |      |   | 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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

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

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 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500\* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NOT DETECTED.

(MRS PIYAPAT SUTTAMANUTWONG)  
LABORATORY SUPERVISOR



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SAMYAN · BANGKOK

**ภาคผนวก ค 2**  
**รายงานผลการติดตามตรวจสอบคุณภาพน้ำทิ้ง**  
**เดือนสิงหาคม พ.ศ. 2567**



## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSITD2 SAMYAN, BANGKOK

**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED

**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500

**CONTACT INFORMATION** : TEL : 09 5280 5895 e-mail : pairach.cp@dusit.com

**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK

**SAMPLE TYPE** : WASTEWATER

**SAMPLING DATE** : AUGUST 7, 2024

**SAMPLING TIME** : 1/

**SAMPLING METHOD** : GRAB

**SAMPLING BY** : MR. PHATSAWUT THOSAKOON

**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM

**RECEIVED DATE** : AUGUST 7, 2024

**ANALYTICAL DATE** : AUGUST 7-15, 2024

**ISSUE DATE** : AUGUST 16, 2024

**REPORT NO.** : 2024-U075069

**WORK NO.** : 2024-000606

**ANALYSIS NO.** : T24AR664-0001 - T24AR664-0002

| PARAMETER                              | UNIT | METHOD OF ANALYSIS  | RESULT                              |                                     | REGULATORY STANDARD | DETECTION LIMIT |
|--|------|---|-------------------------------------|-------------------------------------|---------------------|-----------------|
|  |      |   | 1<br>11:05 HOUR 1/<br>T24AR664-0001 | 2<br>11:00 HOUR 1/<br>T24AR664-0002 |                     |                 |
| pH <sup>a</sup>                        | -    | ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1060 B                      | 6.9 (31°C)                          | 7.0 (34°C)                          | 5-9                 | -               |
| BIOCHEMICAL OXYGEN DEMAND <sup>a</sup> | mg/L | MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)                                 | 217                                 | 15.2                                | ≤ 30                | 2.0             |
| SUSPENDED SOLIDS <sup>a</sup>          | mg/L | SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)  | 73.2                                | 70.0                                | ≤ 40                | 5.0             |
| TOTAL DISSOLVED SOLIDS <sup>b</sup>    | mg/L | IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C | 431                                 | 325                                 | 500*                | 25              |
| SULPHIDE <sup>b</sup>                  | mg/L | IODOMETRIC METHOD (SM: PART 4500-S <sup>2-</sup> F)   | 3.0                                 | < 0.50                              | ≤ 1.0               | 0.50            |
| TOTAL KJELDAHL NITROGEN <sup>b</sup>   | mg/L | IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C                       | 73.3                                | 23.8                                | ≤ 35                | 1.5             |



| PARAMETER  | UNIT | METHOD OF ANALYSIS  | RESULT                              |                                     | REGULATORY STANDARD | DETECTION LIMIT |
|--|------|---|-------------------------------------|-------------------------------------|---------------------|-----------------|
|  |      |   | 1<br>11:05 HOUR 1/<br>T24AR664-0001 | 2<br>11:00 HOUR 1/<br>T24AR664-0002 |                     |                 |
| FAT, OIL AND GREASE °  | mg/L | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B) | 18                                  | ND                                  | ≤ 20                | 3               |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>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)

<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

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

RESULT 1 : น้ำเสียเข้าสู่ระบบบำบัดน้ำเสีย

RESULT 2 : น้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย

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 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500\* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NOT DETECTED.

(MRS PIYAPAT SUTTAMANUTWONG)  
LABORATORY SUPERVISOR



## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSITD2 SAMYAN, BANGKOK

**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED

**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500

**CONTACT INFORMATION** : TEL : 09 5280 5895 e-mail : pairach.cp@dusit.com

**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK

**SAMPLE TYPE** : EFFLUENT

**SAMPLING DATE** : AUGUST 7, 2024

**SAMPLING TIME** : 10:55 HOUR

**SAMPLING METHOD** : GRAB

**SAMPLING BY** : MR PHATSAWUT THOSAKOON

**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM

**RECEIVED DATE** : AUGUST 7, 2024

**ANALYTICAL DATE** : AUGUST 7-15, 2024

**ISSUE DATE** : AUGUST 16, 2024

**REPORT NO.** : 2024-U075071

**WORK NO.** : 2024-000606

**ANALYSIS NO.** : T24AR664-0003

| PARAMETER                                | UNIT | METHOD OF ANALYSIS   | RESULT   | REGULATORY STANDARD | DETECTION LIMIT |
|--|------|--|--|---------------------|-----------------|
|  |      |  | ผลพิกษาสุดท้ายของ<br>ระบบระบายน้ำ<br>T24AR664-0003 |                     |                 |
| pH <sup>a</sup>                          | -    | ELECTROMETRIC METHOD (AT SITE) SM:<br>PART 4500-H <sup>+</sup> B AND 1060 B                          | 7.2 (30°C)   | 5-9                 | -               |
| BIOCHEMICAL OXYGEN DEMAND** <sup>c</sup> | mg/L | MEMBRANE ELECTRODE METHOD (SM:<br>PART 5210 B AND PART 4500-O G)                                     | 2.9  | ≤ 30                | 2.0             |
| SUSPENDED SOLIDS <sup>a</sup>            | mg/L | SUSPENDED SOLIDS DRIED AT 103-105 °C<br>(SM: PART 2540 D)  | 13.7   | ≤ 40                | 5.0             |
| TOTAL DISSOLVED SOLIDS <sup>b</sup>      | mg/L | IN-HOUSE METHOD: UAE.TP.WAO.007<br>(TOTAL DISSOLVED SOLIDS DRIED AT 103-<br>105 °C); SM: PART 2540 C | 189  | 500*                | 25              |
| SULPHIDE <sup>b</sup>                    | mg/L | IODOMETRIC METHOD (SM: PART 4500-S <sup>2</sup> -<br>F)  | < 0.50   | ≤ 1.0               | 0.50            |
| TOTAL KJELDAHL NITROGEN <sup>b</sup>     | mg/L | IN-HOUSE METHOD: UAE.TP.WAS.001<br>(KJELDAHL METHOD); SM: PART 4500-Norg<br>C                        | 5.2  | ≤ 35                | 1.5             |





| PARAMETER  | UNIT | METHOD OF ANALYSIS  | RESULT  | REGULATORY STANDARD | DETECTION LIMIT |
|--|------|---|---|---------------------|-----------------|
|  |      |   | ไม่พบค่าผิดปกติของ<br>ระบบระบายน้ำ<br>T24AR664-0003 |                     |                 |
| FAT, OIL AND GREASE <sup>c</sup>                             | mg/L | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B) | ND  | ≤ 20                | 3               |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>SEDIMENT |      |   | 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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

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

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 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500\* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

\*\* : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM: 5210B.5(e).

ND : NOT DETECTED.

(MRS PIYAPAT SUTTAMANUTWONG)  
LABORATORY SUPERVISOR

**ภาคผนวก ค 3**  
**รายงานผลการติดตามตรวจสอบคุณภาพน้ำทิ้ง**  
**เดือนกันยายน พ.ศ. 2567**



## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSITD2 SAMYAN, BANGKOK

**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED

**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500

**CONTACT INFORMATION** : TEL : 09 5280 5895 e-mail : pairach.cp@dusit.com

**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK

**SAMPLE TYPE** : WASTEWATER

**SAMPLING DATE** : SEPTEMBER 16, 2024

**SAMPLING TIME** : 1/

**SAMPLING METHOD** : GRAB

**SAMPLING BY** : MR CHOKCHAI PHUMSAWAI

**ANALYZED BY** : MISS ARIYA THARAROM

**RECEIVED DATE** : SEPTEMBER 16, 2024

**ANALYTICAL DATE** : SEPTEMBER 16-24, 2024

**ISSUE DATE** : SEPTEMBER 24, 2024

**REPORT NO.** : 2024-U088963

**WORK NO.** : 2024-000606

**ANALYSIS NO.** : T24AV442-0001 - T24AV442-0002

| PARAMETER                              | UNIT | METHOD OF ANALYSIS   | RESULT                              |                                     | REGULATORY STANDARD | DETECTION LIMIT |
|--|------|--|-------------------------------------|-------------------------------------|---------------------|-----------------|
|  |      |  | 1<br>11:30 HOUR 1/<br>T24AV442-0001 | 2<br>11:20 HOUR 1/<br>T24AV442-0002 |                     |                 |
| pH <sup>a</sup>                        | -    | ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1060 B   | 7.4 (31.1°C)                        | 7.6 (32.1°C)                        | 5.5-9.0             | -               |
| BIOCHEMICAL OXYGEN DEMAND <sup>a</sup> | mg/L | MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O <sub>2</sub> G) | 228                                 | 30.8                                | ≤ 30                | 2.0             |
| TOTAL SUSPENDED SOLIDS <sup>a</sup>    | mg/L | TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)               | 46.4                                | 57.9                                | ≤ 40                | 5.0             |
| TOTAL DISSOLVED SOLIDS <sup>b</sup>    | mg/L | TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)                   | 378                                 | 314                                 | ≤ 1,000             | 25              |
| SULPHIDE <sup>b</sup>                  | mg/L | IODOMETRIC METHOD (SM: PART 4500-S <sub>2</sub> -F)                        | 2.7                                 | < 0.50                              | ≤ 1.0               | 0.50            |
| TOTAL KJELDAHL NITROGEN <sup>b</sup>   | mg/L | IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C    | 68.9                                | 16.8                                | ≤ 35                | 1.5             |



| PARAMETER  | UNIT | METHOD OF ANALYSIS  | RESULT                              |                                     | REGULATORY STANDARD | DETECTION LIMIT |
|--|------|---|-------------------------------------|-------------------------------------|---------------------|-----------------|
|  |      |   | 1<br>11:30 HOUR 1/<br>T24AV442-0001 | 2<br>11:20 HOUR 1/<br>T24AV442-0002 |                     |                 |
| OIL AND GREASE <sup>a</sup>                                  | mg/L | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B) | 14                                  | 4                                   | ≤ 20                | 3               |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>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)

<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

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

RESULT 1 : น้ำเสียเข้าสู่ระบบบำบัดน้ำเสีย

RESULT 2 : น้ำทิ้งหลังจากผ่านระบบบำบัดน้ำเสีย

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.

(MRS PIYAPAT SUTTAMANUTWONG)  
LABORATORY SUPERVISOR

## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSITD2 SAMYAN, BANGKOK

**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED

**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500

**CONTACT INFORMATION** : TEL : 09 5280 5895 e-mail : pairach.cp@dusit.com

**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK

**SAMPLE TYPE** : EFFLUENT

**SAMPLING DATE** : SEPTEMBER 16, 2024

**SAMPLING TIME** : 11:15 HOUR

**SAMPLING METHOD** : GRAB

**SAMPLING BY** : MR CHOKCHAI PHUMSAWAI

**ANALYZED BY** : MISS ARIYA THARAROM

**RECEIVED DATE** : SEPTEMBER 16, 2024

**ANALYTICAL DATE** : SEPTEMBER 16-24, 2024

**ISSUE DATE** : SEPTEMBER 24, 2024

**REPORT NO.** : 2024-U088964

**WORK NO.** : 2024-000606

**ANALYSIS NO.** : T24AV442-0003

| PARAMETER                              | UNIT | METHOD OF ANALYSIS  | RESULT   | REGULATORY<br>STANDARD | DETECTION<br>LIMIT |
|--|------|---|--|------------------------|--------------------|
|  |      |   | ผลลัพธ์สุดท้ายของ<br>ระบบรณาน้ำ<br>T24AV442-0003 |                        |                    |
| pH <sup>a</sup>                        | -    | ELECTROMETRIC METHOD (AT SITE) SM:<br>PART 4500-H <sup>+</sup> B AND 1060 B   | 7.9 (32.7°C)                                     | 5.5-9.0                | -                  |
| BIOCHEMICAL OXYGEN DEMAND <sup>a</sup> | mg/L | MEMBRANE ELECTRODE METHOD (SM:<br>PART 5210 B AND PART 4500-O G)              | 7.2  | ≤ 30                   | 2.0                |
| TOTAL SUSPENDED SOLIDS <sup>a</sup>    | mg/L | TOTAL SUSPENDED SOLIDS DRIED AT 103-<br>105 °C (SM: PART 2540 D)              | 11.6   | ≤ 40                   | 5.0                |
| TOTAL DISSOLVED SOLIDS <sup>b</sup>    | mg/L | TOTAL DISSOLVED SOLIDS DRIED AT 180<br>°C (SM: PART 2540 C)                   | 173  | ≤ 1,000                | 25                 |
| SULPHIDE <sup>b</sup>                  | mg/L | IODOMETRIC METHOD (SM: PART 4500-S <sub>2</sub><br>F)                         | < 0.50   | ≤ 1.0                  | 0.50               |
| TOTAL KJELDAHL NITROGEN <sup>b</sup>   | mg/L | IN-HOUSE METHOD: UAE.TP.WAS.001<br>(KJELDAHL METHOD); SM: PART 4500-Norg<br>C | < LOQ  | ≤ 35                   | 1.5                |



| PARAMETER   | UNIT | METHOD OF ANALYSIS  | RESULT   | REGULATORY STANDARD | DETECTION LIMIT |
|---|------|---|--|---------------------|-----------------|
|   |      |   | แปลผลค่าสุดท้ายของ<br>ระบบระบบน้ำ<br>T24AV442-0003 |                     |                 |
| OIL AND GREASE °                                      | mg/L | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B) | ND   | ≤ 20                | 3               |
| SAMPLE CONDITION<br>WATER'S COLOUR/TURBID<br>SEDIMENT |      |   | 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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

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

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.

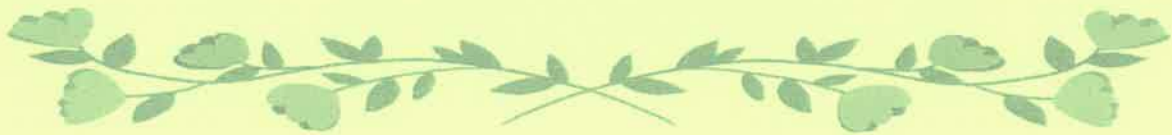
< LOQ : < LIMIT OF QUANTITATION (TOTAL KJELDAHL NITROGEN ≥ 1.5 AND < 5.0 mg/L).

(MRS PIYAPAT SUTTAMANUTWONG)  
LABORATORY SUPERVISOR

dusitD2

SAMYAN · BANGKOK

ภาคผนวก ค 4  
รายงานผลการติดตามตรวจสอบคุณภาพน้ำทิ้ง  
เดือนตุลาคม พ.ศ. 2567





## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSITD2 SAMYAN, BANGKOK

**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED

**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500

**CONTACT INFORMATION** : TEL : 09 5525 9595 e-mail : norawat.kp@dusit.com

**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK

**SAMPLE TYPE** : WASTEWATER

**SAMPLING DATE** : OCTOBER 17, 2024

**SAMPLING TIME** : 1/

**SAMPLING METHOD** : GRAB

**SAMPLING BY** : MR PHATSAWUT THOSAKOON

**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM

**RECEIVED DATE** : OCTOBER 17, 2024

**ANALYTICAL DATE** : OCTOBER 17-25, 2024

**ISSUE DATE** : OCTOBER 25, 2024

**REPORT NO.** : 2024-U099804

**WORK NO.** : 2024-000606

**ANALYSIS NO.** : T24AY400-0001 - T24AY400-0002

| PARAMETER                                 | UNIT | METHOD OF ANALYSIS   | RESULT                              |                                     | REGULATORY<br>STANDARD | DETECTION<br>LIMIT |
|---|------|--|-------------------------------------|-------------------------------------|------------------------|--------------------|
|   |      |  | 1<br>10:15 HOUR 1/<br>T24AY400-0001 | 2<br>10:00 HOUR 1/<br>T24AY400-0002 |                        |                    |
| pH <sup>a</sup>                           | -    | ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1060 B | 6.6 (31.5°C)                        | 6.6 (33.3°C)                        | 5.5-9.0                | -                  |
| BIOCHEMICAL OXYGEN<br>DEMAND <sup>c</sup> | mg/L | MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)            | 187                                 | 14.4                                | ≤ 30                   | 2.0                |
| TOTAL SUSPENDED SOLIDS <sup>a</sup>       | mg/L | TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)             | 45.2                                | 32.5                                | ≤ 40                   | 5.0                |
| TOTAL DISSOLVED SOLIDS <sup>b</sup>       | mg/L | TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)                 | 297                                 | 265                                 | ≤ 1,000                | 25                 |
| SULPHIDE <sup>b</sup>                     | mg/L | IODOMETRIC METHOD (SM: PART 4500-S <sup>2-</sup> F)                      | 2.8                                 | < 0.50                              | ≤ 1.0                  | 0.50               |
| TOTAL KJELDAHL NITROGEN <sup>b</sup>      | mg/L | IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C  | 59.9                                | 15.5                                | ≤ 35                   | 1.5                |



| PARAMETER  | UNIT | METHOD OF ANALYSIS  | RESULT                              |                                     | REGULATORY STANDARD | DETECTION LIMIT |
|--|------|---|-------------------------------------|-------------------------------------|---------------------|-----------------|
|  |      |   | 1<br>10:15 HOUR 1/<br>T24AY400-0001 | 2<br>10:00 HOUR 1/<br>T24AY400-0002 |                     |                 |
| OIL AND GREASE <sup>c</sup>                                  | mg/L | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B) | 16                                  | ND                                  | ≤ 20                | 3               |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>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)

<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

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

RESULT 1 : น้ำเสียเข้าสู่ระบบบำบัดน้ำเสีย

RESULT 2 : น้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย

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.

BIOCHEMICAL OXYGEN DEMAND (T24AY400-0002) : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM: 5210B.5(e).

ND : NOT DETECTED.

(MRS PIYAPAT SUTTAMANUTWONG)  
LABORATORY SUPERVISOR

## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSTTD2 SAMYAN, BANGKOK  
**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED  
**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500  
**CONTACT INFORMATION** : TEL : 09 5525 9595 e-mail : norawat.kp@dusit.com  
**SAMPLING SOURCE** : DUSTTD2 SAMYAN, BANGKOK  
**SAMPLE TYPE** : EFFLUENT  
**SAMPLING DATE** : OCTOBER 17, 2024  
**SAMPLING TIME** : 10:05 HOUR  
**SAMPLING METHOD** : GRAB  
**SAMPLING BY** : MR PHATSAWUT THOSAKOON  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM

**RECEIVED DATE** : OCTOBER 17, 2024  
**ANALYTICAL DATE** : OCTOBER 17-25, 2024  
**ISSUE DATE** : OCTOBER 25, 2024  
**REPORT NO.** : 2024-U099805  
**WORK NO.** : 2024-000606  
**ANALYSIS NO.** : T24AY400-0003

| PARAMETER  | UNIT | METHOD OF ANALYSIS   | RESULT  | REGULATORY STANDARD | DETECTION LIMIT |
|--|------|--|---|---------------------|-----------------|
|  |      |  | ผลพักน้ำสุดท้ายของ<br>ระบบระบายน้ำ<br>T24AY400-0003 |                     |                 |
| pH <sup>a</sup>  | -    | ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1060 B | 7.2 (30.3°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)            | 4.4   | ≤ 30                | 2.0             |
| SUSPENDED SOLIDS <sup>a</sup>                                | mg/L | TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)             | 8.0   | ≤ 40                | 5.0             |
| TOTAL DISSOLVED SOLIDS <sup>b</sup>                          | mg/L | TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)                 | 152   | ≤ 1,000             | 25              |
| SULPHIDE <sup>b</sup>  | mg/L | IODOMETRIC METHOD (SM: PART 4500-S <sub>2</sub> -F)                      | < 0.50  | ≤ 1.0               | 0.50            |
| TOTAL KJELDAHL NITROGEN <sup>b</sup>                         | mg/L | IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C  | < LOQ   | ≤ 35                | 1.5             |
| OIL AND GREASE <sup>c</sup>                                  | mg/L | LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)            | ND  | ≤ 20                | 3               |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>SEDIMENT |      |  | 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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

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

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.

< LOQ : < LIMIT OF QUANTITATION (TOTAL KJELDAHL NITROGEN ≥ 1.5 AND < 5.0 mg/L).

(MRS PIYAPAT SUTTAMANUTWONG)  
LABORATORY SUPERVISOR



dusitD2

SAMYAN · BANGKOK

ภาคผนวก ค 5  
รายงานผลการติดตามตรวจสอบคุณภาพน้ำทิ้ง  
เดือนพฤศจิกายน พ.ศ. 2567



## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSITD2 SAMYAN, BANGKOK

**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED

**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500

**CONTACT INFORMATION** : TEL : 09 5525 9595 e-mail : norawat.kp@dusit.com

**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK

**SAMPLE TYPE** : WASTEWATER

**SAMPLING DATE** : NOVEMBER 12, 2024

**SAMPLING TIME** : 1/

**SAMPLING METHOD** : GRAB

**SAMPLING BY** : MR CHOKCHAI PHUMSAWAI

**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM

**RECEIVED DATE** : NOVEMBER 12, 2024

**ANALYTICAL DATE** : NOVEMBER 12-19, 2024

**ISSUE DATE** : NOVEMBER 20, 2024

**REPORT NO.** : 2024-U108259

**WORK NO.** : 2024-000606

**ANALYSIS NO.** : T24BA566-0001 - T24BA566-0002

| PARAMETER                                 | UNIT | METHOD OF ANALYSIS   | RESULT                              |                                     | REGULATORY<br>STANDARD | DETECTION<br>LIMIT | LIMIT OF<br>QUANTITATION<br>(LOQ) |
|---|------|--|-------------------------------------|-------------------------------------|------------------------|--------------------|-----------------------------------|
|   |      |  | 1<br>11:30 HOUR I/<br>T24BA566-0001 | 2<br>11:40 HOUR I/<br>T24BA566-0002 |                        |                    |                                   |
| pH <sup>a</sup>                           | -    | ELECTROMETRIC METHOD (AT<br>SITE) SM: PART 4500-H <sup>+</sup> B AND<br>1060 B | 7.0 (32.2°C)                        | 7.5 (32.3°C)                        | 5.5-9.0                | -                  | -                                 |
| BIOCHEMICAL OXYGEN<br>DEMAND <sup>c</sup> | mg/L | MEMBRANE ELECTRODE<br>METHOD (SM: PART 5210 B AND<br>PART 4500-O G)            | 211                                 | 6.3                                 | ≤ 30                   | -                  | 2.0                               |
| TOTAL SUSPENDED SOLIDS <sup>a</sup>       | mg/L | TOTAL SUSPENDED SOLIDS<br>DRIED AT 103-105 °C (SM: PART<br>2540 D)             | 57.4                                | 21.7                                | ≤ 40                   | -                  | 5.0                               |
| TOTAL DISSOLVED SOLIDS <sup>b</sup>       | mg/L | TOTAL DISSOLVED SOLIDS<br>DRIED AT 180 °C (SM: PART 2540<br>C)                 | 422                                 | 214                                 | ≤ 1,000                | -                  | 25                                |
| SULPHIDE <sup>b</sup>                     | mg/L | IODOMETRIC METHOD (SM:<br>PART 4500-S <sub>2</sub> F)                          | 2.8                                 | < 0.50                              | ≤ 1.0                  | -                  | 0.50                              |
| TOTAL KJELDAHL NITROGEN <sup>b</sup>      | mg/L | IN-HOUSE METHOD:<br>UAE.TP.WAS.001 (KJELDAHL<br>METHOD); SM: PART 4500-Norg C  | 64.5                                | 6.6                                 | ≤ 35                   | 1.5                | 5.0                               |



| PARAMETER  | UNIT | METHOD OF ANALYSIS  | RESULT                              |                                     | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|--|------|---|-------------------------------------|-------------------------------------|---------------------|-----------------|-----------------------------|
|  |      |   | 1<br>11:30 HOUR 1/<br>T24BA566-0001 | 2<br>11:40 HOUR 1/<br>T24BA566-0002 |                     |                 |                             |
| OIL AND GREASE <sup>c</sup>                                  | mg/L | LIQUID-LIQUID,<br>PARTITION-GRAVIMETRIC<br>METHOD (SM: PART 5520 B) | 15                                  | < 3                                 | ≤ 20                | -               | 3                           |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>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)

<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

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

RESULT 1 : น้ำเสียเข้าสู่ระบบบำบัดน้ำเสีย

RESULT 2 : น้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย

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.

BIOCHEMICAL OXYGEN DEMAND (T24BA566-0002) : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM: 5210B.5(e).

(MRS PIYAPAT SUTTAMANUTWONG)  
LABORATORY SUPERVISOR



## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSITD2 SAMYAN, BANGKOK

**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED

**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500

**CONTACT INFORMATION** : TEL : 09 5525 9595 e-mail : norawat.kp@dusit.com

**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK

**SAMPLE TYPE** : EFFLUENT

**SAMPLING DATE** : NOVEMBER 12, 2024

**SAMPLING TIME** : 11:45 HOUR

**SAMPLING METHOD** : GRAB

**SAMPLING BY** : MR CHOKCHAI PHUMSAWAT

**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM

**RECEIVED DATE** : NOVEMBER 12, 2024

**ANALYTICAL DATE** : NOVEMBER 12-19, 2024

**ISSUE DATE** : NOVEMBER 20, 2024

**REPORT NO.** : 2024-U108260

**WORK NO.** : 2024-000606

**ANALYSIS NO.** : T24BA566-0003

| PARAMETER  | UNIT | METHOD OF ANALYSIS  | RESULT  | REGULATORY<br>STANDARD | DETECTION<br>LIMIT | LIMIT OF<br>QUANTITATION<br>(LOQ) |
|--|------|---|---|------------------------|--------------------|-----------------------------------|
|  |      |   | ข้อพิพาทสุดท้ายของ<br>ระบบระบายน้ำ<br>T24BA566-0003 |                        |                    |                                   |
| pH <sup>a</sup>  | -    | ELECTROMETRIC METHOD (AT SITE) SM:<br>PART 4500-H <sup>+</sup> B AND 1060 B   | 7.6 (31.6°C)  | 5.5-9.0                | -                  | -                                 |
| BIOCHEMICAL OXYGEN DEMAND <sup>c</sup>                       | mg/L | MEMBRANE ELECTRODE METHOD (SM:<br>PART 5210 B AND PART 4500-O G)              | 4.6   | ≤ 30                   | -                  | 2.0                               |
| TOTAL SUSPENDED SOLIDS <sup>a</sup>                          | mg/L | TOTAL SUSPENDED SOLIDS DRIED AT<br>103-105 °C (SM: PART 2540 D)               | 13.2  | ≤ 40                   | -                  | 5.0                               |
| TOTAL DISSOLVED SOLIDS <sup>b</sup>                          | mg/L | TOTAL DISSOLVED SOLIDS DRIED AT<br>180 °C (SM: PART 2540 C)                   | 167   | ≤ 1,000                | -                  | 25                                |
| SULPHIDE <sup>b</sup>  | mg/L | IODOMETRIC METHOD (SM: PART 4500<br>-S <sup>2-</sup> F)                       | < 0.50  | ≤ 1.0                  | -                  | 0.50                              |
| TOTAL KJELDAHL NITROGEN <sup>b</sup>                         | mg/L | IN-HOUSE METHOD: UAE.TP.WAS.001<br>(KJELDAHL METHOD); SM: PART<br>4500-Norg C | 5.0   | ≤ 35                   | 1.5                | 5.0                               |
| OIL AND GREASE <sup>c</sup>                                  | mg/L | LIQUID-LIQUID,<br>PARTITION-GRAVIMETRIC METHOD (SM:<br>PART 5520 B)           | < 3   | ≤ 20                   | -                  | 3                                 |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>SEDIMENT |      |   | 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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

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

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.

\* : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM: 5210B.5(e).

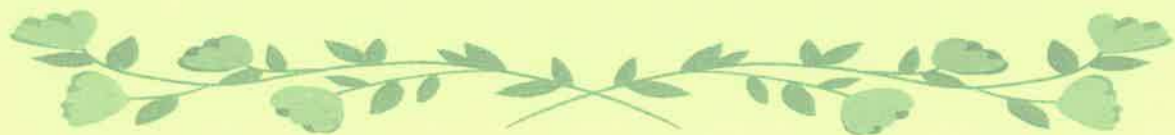
(MRS PIYAPAT SUTTAMANUTWONG)  
LABORATORY SUPERVISOR



dusitD2

SAMYAN · BANGKOK

ภาคผนวก ค 6  
รายงานผลการติดตามตรวจสอบคุณภาพน้ำทิ้ง  
เดือนธันวาคม พ.ศ. 2567



## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSITD2 SAMYAN, BANGKOK

**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED

**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500

**CONTACT INFORMATION** : TEL : 09 5525 9595 e-mail : norawat.kp@dusit.com

**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK

**SAMPLE TYPE** : WASTEWATER

**SAMPLING DATE** : DECEMBER 18, 2024

**SAMPLING TIME** : 1/

**SAMPLING METHOD** : GRAB

**SAMPLING BY** : MR CHOKCHAI PHUMSAWAI

**ANALYZED BY** : MISS ARIYA THARAROM

**RECEIVED DATE** : DECEMBER 18, 2024

**ANALYTICAL DATE** : DECEMBER 18-26, 2024

**ISSUE DATE** : DECEMBER 26, 2024

**REPORT NO.** : 2024-U122772

**WORK NO.** : 2024-000606

**ANALYSIS NO.** : T24BD769-0001 - T24BD769-0002

| PARAMETER                                 | UNIT | METHOD OF ANALYSIS   | RESULT                              |                                     | REGULATORY<br>STANDARD | DETECTION<br>LIMIT | LIMIT OF<br>QUANTITATION<br>(LOQ) |
|---|------|--|-------------------------------------|-------------------------------------|------------------------|--------------------|-----------------------------------|
|   |      |  | 1<br>11:20 HOUR 1/<br>T24BD769-0001 | 2<br>11:10 HOUR 1/<br>T24BD769-0002 |                        |                    |                                   |
| pH <sup>a</sup>                           | -    | ELECTROMETRIC METHOD (AT<br>SITE) SM: PART 4500-H <sup>+</sup> B AND<br>1060 B | 7.1 (30.1°C)                        | 7.4 (27.9°C)                        | 5.5-9.0                | -                  | -                                 |
| BIOCHEMICAL OXYGEN<br>DEMAND <sup>c</sup> | mg/L | MEMBRANE ELECTRODE<br>METHOD (SM: PART 5210 B AND<br>PART 4500-O G)            | 200                                 | 7.4                                 | ≤ 30                   | -                  | 2.0                               |
| TOTAL SUSPENDED SOLIDS <sup>a</sup>       | mg/L | TOTAL SUSPENDED SOLIDS<br>DRIED AT 103-105 °C (SM: PART<br>2540 D)             | 83.4                                | 15.5                                | ≤ 40                   | -                  | 5.0                               |
| TOTAL DISSOLVED SOLIDS <sup>b</sup>       | mg/L | TOTAL DISSOLVED SOLIDS<br>DRIED AT 180 °C (SM: PART 2540<br>C)                 | 431                                 | 313                                 | ≤ 1,000                | -                  | 25                                |
| SULPHIDE <sup>c</sup>                     | mg/L | IODOMETRIC METHOD (SM:<br>PART 4500-S <sub>2</sub> F)                          | 4.5                                 | < 0.50                              | ≤ 1.0                  | -                  | 0.50                              |
| TOTAL KJELDAHL NITROGEN <sup>b</sup>      | mg/L | IN-HOUSE METHOD:<br>UAE.TP.WAS.001 (KJELDAHL<br>METHOD); SM: PART 4500-Norg C  | 65.9                                | 7.3                                 | ≤ 35                   | 1.5                | 5.0                               |



| PARAMETER  | UNIT | METHOD OF ANALYSIS  | RESULT                              |                                     | REGULATORY STANDARD | DETECTION LIMIT | LIMIT OF QUANTITATION (LOQ) |
|--|------|---|-------------------------------------|-------------------------------------|---------------------|-----------------|-----------------------------|
|  |      |   | 1<br>11:20 HOUR 1/<br>T24BD769-0001 | 2<br>11:10 HOUR 1/<br>T24BD769-0002 |                     |                 |                             |
| OIL AND GREASE <sup>a</sup>                                  | mg/L | LIQUID-LIQUID,<br>PARTITION-GRAVIMETRIC<br>METHOD (SM: PART 5520 B) | 22                                  | < 3                                 | ≤ 20                | -               | 3                           |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>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)

<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

RESULT 1 : น้ำเสียเข้าสู่ระบบบำบัดน้ำเสีย

RESULT 2 : น้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย

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.

BIOCHEMICAL OXYGEN DEMAND (T24BD769-0002) : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM: 5210B,5(e).

(MRS PIYAPAT SUTTAMANUTWONG)  
LABORATORY SUPERVISOR

## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSITD2 SAMYAN, BANGKOK

**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED

**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500

**CONTACT INFORMATION** : TEL : 09 5525 9595 e-mail : norawat.kp@dusit.com

**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK

**SAMPLE TYPE** : EFFLUENT

**SAMPLING DATE** : DECEMBER 18, 2024

**SAMPLING TIME** : 11:05 HOUR

**SAMPLING METHOD** : GRAB

**SAMPLING BY** : MR CHOKCHAI PHUMSAWAI

**ANALYZED BY** : MISS ARIYA THARAROM

**RECEIVED DATE** : DECEMBER 18, 2024

**ANALYTICAL DATE** : DECEMBER 18-26, 2024

**ISSUE DATE** : DECEMBER 26, 2024

**REPORT NO.** : 2024-U122774

**WORK NO.** : 2024-000606

**ANALYSIS NO.** : T24BD769-0003

| PARAMETER  | UNIT | METHOD OF ANALYSIS  | RESULT   | REGULATORY<br>STANDARD | DETECTION<br>LIMIT | LIMIT OF<br>QUANTITATION<br>(LOQ) |
|--|------|---|--|------------------------|--------------------|-----------------------------------|
|  |      |   | บ่งพิกัดน้ำสุดท้ายของ<br>ระบบระบายน้ำ<br>T24BD769-0003 |                        |                    |                                   |
| pH <sup>a</sup>  | -    | ELECTROMETRIC METHOD (AT SITE) SM:<br>PART 4500-H* B AND 1060 B               | 7.3 (25.0°C)   | 5.5-9.0                | -                  | -                                 |
| BIOCHEMICAL OXYGEN DEMAND <sup>c</sup>                       | mg/L | MEMBRANE ELECTRODE METHOD (SM:<br>PART 5210 B AND PART 4500-O G)              | 4.2  | ≤ 30                   | -                  | 2.0                               |
| TOTAL SUSPENDED SOLIDS <sup>a</sup>                          | mg/L | TOTAL SUSPENDED SOLIDS DRIED AT<br>103-105 °C (SM: PART 2540 D)               | 10.7   | ≤ 40                   | -                  | 5.0                               |
| TOTAL DISSOLVED SOLIDS <sup>b</sup>                          | mg/L | TOTAL DISSOLVED SOLIDS DRIED AT<br>180 °C (SM: PART 2540 C)                   | 300  | ≤ 1,000                | -                  | 25                                |
| SULPHIDE <sup>b</sup>  | mg/L | IODOMETRIC METHOD (SM: PART 4500<br>-S <sub>2</sub> F)                        | < 0.50   | ≤ 1.0                  | -                  | 0.50                              |
| TOTAL KJELDAHL NITROGEN <sup>b</sup>                         | mg/L | IN-HOUSE METHOD: UAE.TP.WAS.001<br>(KJELDAHL METHOD); SM: PART<br>4500-Norg C | 6.8  | ≤ 35                   | 1.5                | 5.0                               |
| OIL AND GREASE <sup>a</sup>                                  | mg/L | LIQUID-LIQUID,<br>PARTITION-GRAVIMETRIC METHOD (SM:<br>PART 5520 B)           | < 3  | ≤ 20                   | -                  | 3                                 |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>SEDIMENT |      |   | 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 STILL NOT ACCREDITED

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

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.

\* : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM: 5210B.5(e).

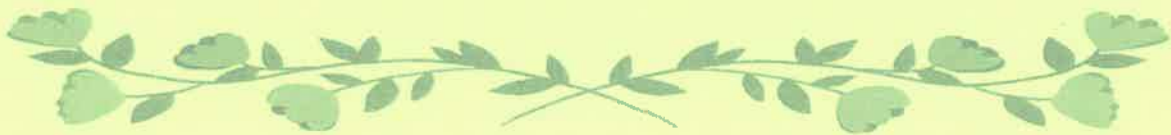
(MRS PIYAPAT SUTTAMANUTWONG)  
LABORATORY SUPERVISOR



dusitD2

SAMYAN · BANGKOK

ภาคผนวก ค 7  
รายงานผลการติดตามตรวจสอบคุณภาพน้ำสระว่ายนํ้า  
เดือนกรกฎาคม พ.ศ. 2567



## ANALYSIS REPORT

**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED  
**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500  
**CONTACT INFORMATION** : TEL : 09 5280 5895 e-mail : pairach.cp@dusit.com  
**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK  
**SAMPLE TYPE** : WATER SAMPLE FROM SWIMMING POOL  
**SAMPLING DATE** : JULY 11, 2024  
**SAMPLING TIME** : 10:35 HOUR  
**SAMPLING METHOD <sup>c</sup>** : GRAB AND STERILE TECHNIQUE  
**SAMPLING BY <sup>c</sup>** : MR SUKSAN BOONLEANG  
**ANALYZED BY** : MISS ITSARIYAPORN BUATIB  
**RECEIVED DATE** : JULY 11, 2024  
**ANALYTICAL DATE** : JULY 11-19, 2024  
**ISSUE DATE** : JULY 24, 2024  
**REPORT NO.** : 2024-U068066  
**WORK NO.** : 2024-000606  
**ANALYSIS NO.** : T24AP735-0005

| PARAMETER  | UNIT       | METHOD OF ANALYSIS   | RESULT  | REGULATORY STANDARD | DETECTION LIMIT |
|--|------------|--|---|---------------------|-----------------|
|  |            |  | SWIMMING POOL (SHALLOW ZONE)<br>T24AP735-0005 |                     |                 |
| pH <sup>c</sup>  | -          | ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1060 B | 7.5 (31°C)                                    | 7.2-8.4             | -               |
| MICROBIOLOGY   |            |  |   |                     |                 |
| COLIFORM BACTERIA <sup>b</sup>                               | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)              | < 1.1   | < 10                | 1.1             |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>SEDIMENT |            |  | COLOURLESS/CLEAR                              |                     |                 |

<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 STILL NOT ACCREDITED

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

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

(MISS CHAWEEWAN BOONLA)  
LABORATORY SUPERVISOR



## ANALYSIS REPORT

**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED  
**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500  
**CONTACT INFORMATION** : TEL : 09 5280 5895 e-mail : pairach.cp@dusit.com  
**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK  
**SAMPLE TYPE** : WATER SAMPLE FROM SWIMMING POOL  
**SAMPLING DATE** : JULY 11, 2024  
**SAMPLING TIME** : 10:40 HOUR  
**SAMPLING METHOD <sup>c</sup>** : GRAB AND STERILE TECHNIQUE  
**SAMPLING BY <sup>c</sup>** : MR SUKSAN BOONLEANG  
**ANALYZED BY** : MISS ITSARIYAPORN BUATIB  
**RECEIVED DATE** : JULY 11, 2024  
**ANALYTICAL DATE** : JULY 11-19, 2024  
**ISSUE DATE** : JULY 24, 2024  
**REPORT NO.** : 2024-U068067  
**WORK NO.** : 2024-000606  
**ANALYSIS NO.** : T24AP735-0006

| PARAMETER  | UNIT       | METHOD OF ANALYSIS   | RESULT                                     | REGULATORY STANDARD | DETECTION LIMIT |
|--|------------|--|--|---------------------|-----------------|
|  |            |  | SWIMMING POOL (DEEP ZONE)<br>T24AP735-0006 |                     |                 |
| pH <sup>c</sup>  | -          | ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1060 B | 7.5 (31°C)                                 | 7.2-8.4             | -               |
| MICROBIOLOGY   |            |  |  |                     |                 |
| COLIFORM BACTERIA <sup>b</sup>                               | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)             | < 1.1                                      | < 10                | 1.1             |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>SEDIMENT |            |  | COLOURLESS/CLEAR<br>-                      |                     |                 |

<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 STILL NOT ACCREDITED

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

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

(MISS CHAWEEWAN BOONLA)  
LABORATORY SUPERVISOR





dusitD2

SAMYAN · BANGKOK

ภาคผนวก ค 8  
รายงานผลการติดตามตรวจสอบคุณภาพน้ำสระว่ายนํ้า  
เดือนสิงหาคม พ.ศ. 2567



## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSITD2 SAMYAN, BANGKOK  
**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED  
**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500  
**CONTACT INFORMATION** : TEL : 09 5280 5895 e-mail : pairach.cp@dusit.com  
**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK  
**SAMPLE TYPE** : WATER SAMPLE FROM SWIMMING POOL  
**SAMPLING DATE** : AUGUST 7, 2024  
**SAMPLING TIME** : 09:35 HOUR  
**SAMPLING METHOD °** : GRAB AND STERILE TECHNIQUE  
**SAMPLING BY °** : MR PHATSAWUT THOSAKOON  
**ANALYZED BY** : MISS ITSARIYAPORN BUATIB

**RECEIVED DATE** : AUGUST 7, 2024  
**ANALYTICAL DATE** : AUGUST 7-15, 2024  
**ISSUE DATE** : AUGUST 19, 2024  
**REPORT NO.** : 2024-U075075  
**WORK NO.** : 2024-000606  
**ANALYSIS NO.** : T24AR664-0005

| PARAMETER  | UNIT       | METHOD OF ANALYSIS   | RESULT  | REGULATORY STANDARD | DETECTION LIMIT |
|--|------------|--|---|---------------------|-----------------|
|  |            |  | SWIMMING POOL (SHALLOW ZONE)<br>T24AR664-0005 |                     |                 |
| pH °   | -          | ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1060 B | 7.2 (28°C)                                    | 7.2-8.4             | -               |
| <b>MICROBIOLOGY</b>  |            |  |   |                     |                 |
| COLIFORM BACTERIA <sup>b</sup>                               | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)              | < 1.1   | < 10                | 1.1             |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>SEDIMENT |            |  | COLOURLESS/CLEAR<br>-                         |                     |                 |

<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 STILL NOT ACCREDITED

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

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

(MISS CHAWEEWAN BOONLA)  
LABORATORY SUPERVISOR



## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSITD2 SAMYAN, BANGKOK  
**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED  
**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500  
**CONTACT INFORMATION** : TEL : 09 5280 5895 e-mail : pairach.cp@dusit.com  
**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK  
**SAMPLE TYPE** : WATER SAMPLE FROM SWIMMING POOL  
**SAMPLING DATE** : AUGUST 7, 2024  
**SAMPLING TIME** : 09:33 HOUR  
**SAMPLING METHOD <sup>c</sup>** : GRAB AND STERILE TECHNIQUE  
**SAMPLING BY <sup>c</sup>** : MR PHATSAWUT THOSAKOON  
**ANALYZED BY** : MISS ITSARIYAPORN BUATIB  
**RECEIVED DATE** : AUGUST 7, 2024  
**ANALYTICAL DATE** : AUGUST 7-15, 2024  
**ISSUE DATE** : AUGUST 19, 2024  
**REPORT NO.** : 2024-U075077  
**WORK NO.** : 2024-000606  
**ANALYSIS NO.** : T24AR664-0006

| PARAMETER  | UNIT       | METHOD OF ANALYSIS   | RESULT                                     | REGULATORY STANDARD | DETECTION LIMIT |
|--|------------|--|--|---------------------|-----------------|
|  |            |  | SWIMMING POOL (DEEP ZONE)<br>T24AR664-0006 |                     |                 |
| pH <sup>c</sup>  | -          | ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1060 B | 7.2 (28°C)                                 | 7.2-8.4             | -               |
| MICROBIOLOGY   |            |  |  |                     |                 |
| COLIFORM BACTERIA <sup>b</sup>                               | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)             | < 1.1                                      | < 10                | 1.1             |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>SEDIMENT |            |  | COLOURLESS/CLEAR<br>-                      |                     |                 |

<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 STILL NOT ACCREDITED

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

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

(MISS CHAWEEWAN BOONLA)  
LABORATORY SUPERVISOR



**ภาคผนวก ค 9**  
**รายงานผลการติดตามตรวจสอบคุณภาพน้ำสระว่ายนํ้า**  
**เดือนกันยายน พ.ศ. 2567**



## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSTID2 SAMYAN, BANGKOK  
**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED  
**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500  
**CONTACT INFORMATION** : TEL : 09 5280 5895 e-mail : pairach.cp@dusit.com  
**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK  
**SAMPLE TYPE** : WATER SAMPLE FROM SWIMMING POOL  
**SAMPLING DATE** : SEPTEMBER 16, 2024  
**SAMPLING TIME** : 10:00 HOUR  
**SAMPLING METHOD <sup>c</sup>** : GRAB AND STERILE TECHNIQUE  
**SAMPLING BY <sup>c</sup>** : MR CHOKCHAI PHUMSAWAI  
**ANALYZED BY** : MISS JITSAMON NGAMKANA  
**RECEIVED DATE** : SEPTEMBER 16, 2024  
**ANALYTICAL DATE** : SEPTEMBER 16-23, 2024  
**ISSUE DATE** : SEPTEMBER 27, 2024  
**REPORT NO.** : 2024-U090228  
**WORK NO.** : 2024-000606  
**ANALYSIS NO.** : T24AV442-0005

| PARAMETER  | UNIT       | METHOD OF ANALYSIS  | RESULT  | REGULATORY STANDARD | DETECTION LIMIT |
|--|------------|---|---|---------------------|-----------------|
|  |            |   | SWIMMING POOL (SHALLOW ZONE)<br>T24AV442-0005 |                     |                 |
| pH <sup>c</sup>  | -          | ELECTROMETRIC METHOD (AT SITE) SM:<br>PART 4500-H* B AND 1060 B | 8.3 (27.8°C)                                  | 7.2-8.4             | -               |
| MICROBIOLOGY   |            |   |   |                     |                 |
| COLIFORM BACTERIA <sup>b</sup>                               | MPN/100 mL | MULTIPLE-TUBE FERMENTATION<br>TECHNIQUE (SM: PART 9221B AND C)  | 9.2   | < 10                | 1.1             |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>SEDIMENT |            |   | COLOURLESS/CLEAR<br>-                         |                     |                 |

<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 STILL NOT ACCREDITED

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

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

(MISS CHAWEEWAN BOONLA)  
LABORATORY SUPERVISOR



## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSITD2 SAMYAN, BANGKOK

**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED

**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500

**CONTACT INFORMATION** : TEL : 09 5280 5895 e-mail : pairach.cp@dusit.com

**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK

**SAMPLE TYPE** : WATER SAMPLE FROM SWIMMING POOL

**SAMPLING DATE** : SEPTEMBER 16, 2024

**SAMPLING TIME** : 09:50 HOUR

**SAMPLING METHOD <sup>c</sup>** : GRAB AND STERILE TECHNIQUE

**SAMPLING BY <sup>c</sup>** : MR CHOKCHAI PHUMSAWAI

**ANALYZED BY** : MISS JITSAMON NGAMKANA

**RECEIVED DATE** : SEPTEMBER 16, 2024

**ANALYTICAL DATE** : SEPTEMBER 16-23, 2024

**ISSUE DATE** : SEPTEMBER 27, 2024

**REPORT NO.** : 2024-U090230

**WORK NO.** : 2024-000606

**ANALYSIS NO.** : T24AV442-0006

| PARAMETER  | UNIT       | METHOD OF ANALYSIS   | RESULT                                     | REGULATORY STANDARD | DETECTION LIMIT |
|--|------------|--|--|---------------------|-----------------|
|  |            |  | SWIMMING POOL (DEEP ZONE)<br>T24AV442-0006 |                     |                 |
| pH <sup>c</sup>  | -          | ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1060 B | 8.3 (28.3°C)                               | 7.2-8.4             | -               |
| MICROBIOLOGY   |            |  |  |                     |                 |
| COLIFORM BACTERIA <sup>b</sup>                               | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)              | 1.1  | < 10                | 1.1             |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>SEDIMENT |            |  | COLOURLESS/CLEAR<br>-                      |                     |                 |

<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 STILL NOT ACCREDITED

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

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

(MISS CHAWEEWAN BOONLA)  
LABORATORY SUPERVISOR



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SAMYAN - BANGKOK

ภาคผนวก ค 10

รายงานผลการติดตามตรวจสอบคุณภาพน้ำสระว่ายนํ้า  
เดือนตุลาคม พ.ศ. 2567





## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSITD2 SAMYAN, BANGKOK  
**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED  
**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500  
**CONTACT INFORMATION** : TEL : 09 5525 9595 e-mail : norawat.kp@dusit.com  
**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK  
**SAMPLE TYPE** : WATER SAMPLE FROM SWIMMING POOL  
**SAMPLING DATE** : OCTOBER 17, 2024  
**SAMPLING TIME** : 09:00 HOUR  
**SAMPLING METHOD °** : GRAB AND STERILE TECHNIQUE  
**SAMPLING BY °** : MR PHATSAWUT THOSAKOON  
**ANALYZED BY** : MR NUTTACHOK LAKHAMMOON

**RECEIVED DATE** : OCTOBER 17, 2024  
**ANALYTICAL DATE** : OCTOBER 17-22, 2024  
**ISSUE DATE** : OCTOBER 25, 2024  
**REPORT NO.** : 2024-U099807  
**WORK NO.** : 2024-000606  
**ANALYSIS NO.** : T24AY400-0005

| PARAMETER  | UNIT       | METHOD OF ANALYSIS  | RESULT   | REGULATORY<br>STANDARD | DETECTION<br>LIMIT |
|--|------------|---|--|------------------------|--------------------|
|  |            |   | SWIMMING POOL<br>(SHALLOW ZONE)<br>T24AY400-0005 |                        |                    |
| pH °   | -          | ELECTROMETRIC METHOD (AT SITE) SM:<br>PART 4500-H <sup>+</sup> B AND 1060 B | 8.1 (28.6°C)                                     | 7.2-8.4                | -                  |
| MICROBIOLOGY   |            |   |  |                        |                    |
| COLIFORM BACTERIA <sup>b</sup>                               | MPN/100 mL | MULTIPLE-TUBE FERMENTATION<br>TECHNIQUE (SM: PART 9221B AND C)              | < 1.1  | < 10                   | 1.1                |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>SEDIMENT |            |   | COLOURLESS/CLEAR                                 |                        |                    |

<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 STILL NOT ACCREDITED

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

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR  
OTHER SIMILAR BUSINESSES.

(MISS CHAWEEWAN BOONLA)  
LABORATORY SUPERVISOR



## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSITD2 SAMYAN, BANGKOK

**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED

**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500

**CONTACT INFORMATION** : TEL : 09 5525 9595 e-mail : norawat.kp@dusit.com

**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK

**SAMPLE TYPE** : WATER SAMPLE FROM SWIMMING POOL

**SAMPLING DATE** : OCTOBER 17, 2024

**SAMPLING TIME** : 09:05 HOUR

**SAMPLING METHOD °** : GRAB AND STERILE TECHNIQUE

**SAMPLING BY °** : MR PHATSAWUT THOSAKOON

**ANALYZED BY** : MR NUTTACHOK LAKHAMMOON

**RECEIVED DATE** : OCTOBER 17, 2024

**ANALYTICAL DATE** : OCTOBER 17-22, 2024

**ISSUE DATE** : OCTOBER 25, 2024

**REPORT NO.** : 2024-U099809

**WORK NO.** : 2024-000606

**ANALYSIS NO.** : T24AY400-0006

| PARAMETER  | UNIT       | METHOD OF ANALYSIS  | RESULT  | REGULATORY<br>STANDARD | DETECTION<br>LIMIT |
|--|------------|---|---|------------------------|--------------------|
|  |            |   | SWIMMING POOL<br>(DEEP ZONE)<br>T24AY400-0006 |                        |                    |
| pH °   | -          | ELECTROMETRIC METHOD (AT SITE) SM:<br>PART 4500-H <sup>+</sup> B AND 1060 B | 8.1 (28.8°C)                                  | 7.2-8.4                | -                  |
| MICROBIOLOGY   |            |   |   |                        |                    |
| COLIFORM BACTERIA <sup>b</sup>                               | MPN/100 mL | MULTIPLE-TUBE FERMENTATION<br>TECHNIQUE (SM: PART 9221 B AND C)             | < 1.1   | < 10                   | 1.1                |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>SEDIMENT |            |   | COLOURLESS/CLEAR                              |                        |                    |

<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 STILL NOT ACCREDITED

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

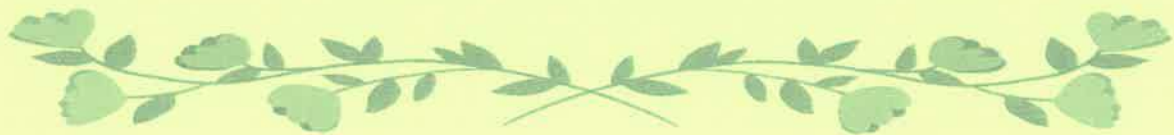
REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

(MISS CHAWEEWAN BOONLA)  
LABORATORY SUPERVISOR



**ภาคผนวก ค 11**

**รายงานผลการติดตามตรวจสอบคุณภาพน้ำสระว่ายนํ้า  
เดือนพฤศจิกายน พ.ศ. 2567**



## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSITD2 SAMYAN, BANGKOK

**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED

**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500

**CONTACT INFORMATION** : TEL : 09 5525 9595 e-mail : norawat.kp@dusit.com

**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK

**SAMPLE TYPE** : WATER SAMPLE FROM SWIMMING POOL

**SAMPLING DATE** : NOVEMBER 12, 2024

**SAMPLING TIME** : 10:20 HOUR

**SAMPLING METHOD <sup>a</sup>** : GRAB AND STERILE TECHNIQUE

**SAMPLING BY <sup>c</sup>** : MR CHOKCHAI PHUMSAWAI

**ANALYZED BY** : MR NUTTACHOK LAKHAMMOON

**RECEIVED DATE** : NOVEMBER 12, 2024

**ANALYTICAL DATE** : NOVEMBER 12-17, 2024

**ISSUE DATE** : NOVEMBER 22, 2024

**REPORT NO.** : 2024-U109483

**WORK NO.** : 2024-000606

**ANALYSIS NO.** : T24BA566-0005

| PARAMETER  | UNIT       | METHOD OF ANALYSIS  | RESULT   | REGULATORY<br>STANDARD | DETECTION<br>LIMIT |
|--|------------|---|--|------------------------|--------------------|
|  |            |   | SWIMMING POOL<br>(SHALLOW ZONE)<br>T24BA566-0005 |                        |                    |
| pH <sup>c</sup>  | -          | ELECTROMETRIC METHOD (AT SITE) SM:<br>PART 4500-H <sup>+</sup> B AND 1060 B | 7.5 (28.1°C)                                     | 7.2-8.4                | -                  |
| MICROBIOLOGY   |            |   |  |                        |                    |
| COLIFORM BACTERIA <sup>b</sup>                               | MPN/100 mL | MULTIPLE-TUBE FERMENTATION<br>TECHNIQUE (SM: PART 9221B AND C)              | < 1.1  | < 10                   | 1.1                |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>SEDIMENT |            |   | COLOURLESS/CLEAR<br>-                            |                        |                    |

<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 STILL NOT ACCREDITED

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

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

(MISS CHAWEEWAN BOONLA)  
LABORATORY SUPERVISOR



## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSITD2 SAMYAN, BANGKOK  
**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED  
**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500  
**CONTACT INFORMATION** : TEL : 09 5525 9595 e-mail : norawat.kp@dusit.com  
**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK  
**SAMPLE TYPE** : WATER SAMPLE FROM SWIMMING POOL  
**SAMPLING DATE** : NOVEMBER 12, 2024  
**SAMPLING TIME** : 10:15 HOUR  
**SAMPLING METHOD °** : GRAB AND STERILE TECHNIQUE  
**SAMPLING BY °** : MR CHOKCHAI PHUMSAWAI  
**ANALYZED BY** : MR NUTTACHOK LAKHAMMOON

**RECEIVED DATE** : NOVEMBER 12, 2024  
**ANALYTICAL DATE** : NOVEMBER 12-17, 2024  
**ISSUE DATE** : NOVEMBER 22, 2024  
**REPORT NO.** : 2024-U109484  
**WORK NO.** : 2024-000606  
**ANALYSIS NO.** : T24BA566-0006

| PARAMETER  | UNIT       | METHOD OF ANALYSIS   | RESULT                                     | REGULATORY STANDARD | DETECTION LIMIT |
|--|------------|--|--|---------------------|-----------------|
|  |            |  | SWIMMING POOL (DEEP ZONE)<br>T24BA566-0006 |                     |                 |
| pH °   | -          | ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1060 B | 7.4 (28.5°C)                               | 7.2-8.4             | -               |
| <b>MICROBIOLOGY</b>  |            |  |  |                     |                 |
| COLIFORM BACTERIA <sup>b</sup>                               | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)              | < 1.1                                      | < 10                | 1.1             |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>SEDIMENT |            |  | COLOURLESS/CLEAR<br>-                      |                     |                 |

<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 STILL NOT ACCREDITED

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

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

(MISS CHAWEEWAN BOONLA)  
LABORATORY SUPERVISOR



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SAMYAN · BANGKOK

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รายงานผลการติดตามตรวจสอบคุณภาพน้ำสระว่ายนํ้า

เดือนธันวาคม พ.ศ. 2567



## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSITD2 SAMYAN, BANGKOK  
**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED  
**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500  
**CONTACT INFORMATION** : TEL : 09 5525 9595 e-mail : norawat.kp@dusit.com  
**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK  
**SAMPLE TYPE** : WATER SAMPLE FROM SWIMMING POOL  
**SAMPLING DATE** : DECEMBER 18, 2024  
**SAMPLING TIME** : 10:40 HOUR  
**SAMPLING METHOD <sup>c</sup>** : GRAB AND STERILE TECHNIQUE  
**SAMPLING BY <sup>c</sup>** : MR CHOKCHAI PHUMSAWAI  
**ANALYZED BY** : MISS ITSARIYAPORN BUATTIB  
**RECEIVED DATE** : DECEMBER 18, 2024  
**ANALYTICAL DATE** : DECEMBER 18-24, 2024  
**ISSUE DATE** : DECEMBER 27, 2024  
**REPORT NO.** : 2024-U122778  
**WORK NO.** : 2024-000606  
**ANALYSIS NO.** : T24BD769-0005

| PARAMETER  | UNIT       | METHOD OF ANALYSIS   | RESULT  | REGULATORY STANDARD | DETECTION LIMIT |
|--|------------|--|---|---------------------|-----------------|
|  |            |  | SWIMMING POOL (SHALLOW ZONE)<br>T24BD769-0005 |                     |                 |
| pH <sup>c</sup>  | -          | ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1060 B | 8.0 (24.1°C)                                  | 7.2-8.4             | -               |
| MICROBIOLOGY   |            |  |   |                     |                 |
| COLIFORM BACTERIA <sup>b</sup>                               | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)              | < 1.1   | < 10                | 1.1             |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>SEDIMENT |            |  | COLOURLESS/CLEAR                              |                     |                 |

<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 STILL NOT ACCREDITED

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

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

(MISS CHAWEEWAN BOONLA)  
LABORATORY SUPERVISOR





## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ  
DUSITD2 SAMYAN, BANGKOK

**CUSTOMER NAME** : TIAN TECK PROPERTY COMPANY LIMITED

**ADDRESS** : 333 SI PHRAYA SI PHRAYA BANG RAK BANGKOK 10500

**CONTACT INFORMATION** : TEL : 09 5525 9595 e-mail : norawat.kp@dusit.com

**SAMPLING SOURCE** : DUSITD2 SAMYAN, BANGKOK

**SAMPLE TYPE** : WATER SAMPLE FROM SWIMMING POOL

**SAMPLING DATE** : DECEMBER 18, 2024

**SAMPLING TIME** : 10:35 HOUR

**SAMPLING METHOD <sup>c</sup>** : GRAB AND STERILE TECHNIQUE

**SAMPLING BY <sup>c</sup>** : MR CHOKCHAI PHUMSAWAI

**ANALYZED BY** : MISS ITSARIYAPORN BUATJIB

**RECEIVED DATE** : DECEMBER 18, 2024

**ANALYTICAL DATE** : DECEMBER 18-24, 2024

**ISSUE DATE** : DECEMBER 27, 2024

**REPORT NO.** : 2024-U122779

**WORK NO.** : 2024-000606

**ANALYSIS NO.** : T24BD769-0006

| PARAMETER  | UNIT       | METHOD OF ANALYSIS  | RESULT  | REGULATORY<br>STANDARD | DETECTION<br>LIMIT |
|--|------------|---|---|------------------------|--------------------|
|  |            |   | SWIMMING POOL<br>(DEEP ZONE)<br>T24BD769-0006 |                        |                    |
| pH <sup>c</sup>  | -          | ELECTROMETRIC METHOD (AT SITE) SM:<br>PART 4500-H <sup>+</sup> B AND 1060 B | 8.1 (23.4°C)                                  | 7.2-8.4                | -                  |
| MICROBIOLOGY   |            |   |   |                        |                    |
| COLIFORM BACTERIA <sup>b</sup>                               | MPN/100 mL | MULTIPLE-TUBE FERMENTATION<br>TECHNIQUE (SM: PART 9221B AND C)              | < 1.1   | < 10                   | 1.1                |
| <b>SAMPLE CONDITION</b><br>WATER'S COLOUR/TURBID<br>SEDIMENT |            |   | COLOURLESS/CLEAR<br>-                         |                        |                    |

<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 STILL NOT ACCREDITED

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

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.



(MISS CHAWEEWAN BOONLA)  
LABORATORY SUPERVISOR

