

## ภาคผนวก ค

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ใบรับรองผลการวิเคราะห์คุณภาพน้ำ



## Analysis / Test Report

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location :**

**TESTING**

**No.0166**

**Lot ID: 2387202**

Date Received : Jul 28, 2023

Date Reported : Aug 16, 2023

Report Number : 2745877-1

Page 1 of 3

|                                |                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 2387202-12                                                                                                          |
| <b>Sampled Date</b>            | Jul 27, 2023 2:35 PM                                                                                                |
| <b>Sample Description</b>      | Consumption Water                                                                                                   |
| <b>Location</b>                | Guest Room<br>Pump Room "Water Pass Resin System"                                                                   |
| <b>Date Analysis Commenced</b> | Jul 28, 2023                                                                                                        |
| <b>Condition of Sample</b>     | Contained in three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte                                         | Unit         | LOD   | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                               | Testing Location |
|-------------------------------------------------|--------------|-------|-----------|--------|---------------------------|----------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Metals Testing</b>                           |              |       |           |        |                           |                                                                                                                      |                  |
| Iron                                            | mg/L         | 0.001 | 0.005     | <0.005 | ≤0.3                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F  | Songkhla         |
| <b>Water Testing</b>                            |              |       |           |        |                           |                                                                                                                      |                  |
| Bicarbonate Alkalinity as CaCO <sub>3</sub> *   | mg/L         | -     | 1         | 91     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |
| Carbonate Alkalinity as CaCO <sub>3</sub> *     | mg/L         | -     | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |
| <sup>[A]</sup> Chloride as Cl                   | mg/L         | 0.06  | 0.2       | 121    | ≤250.0                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B          | Bangkok          |
| Color *                                         | Color unit   | -     | 5         | <5     | ≤20                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B          | Songkhla         |
| Conductivity *                                  | micromhos/cm | -     | 0.5       | 643    | No Standard               | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B | Songkhla         |
| Hydroxide Alkalinity as CaCO <sub>3</sub> *     | mg/L         | -     | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |
| Methyl Orange Alkalinity as CaCO <sub>3</sub> * | mg/L         | -     | 1         | 91     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |
| Permanent Hardness as CaCO <sub>3</sub> *       | mg/L         | -     | 1         | 23     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |

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Approved by

Ananta B.

Ananta Boonphet  
Scientist (2)

ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068  
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## Analysis / Test Report

TESTING  
No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

**Lot ID: 2387202**

Date Received : Jul 28, 2023

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|                                |                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 2387202-12                                                                                                          |
| <b>Sampled Date</b>            | Jul 27, 2023 2:35 PM                                                                                                |
| <b>Sample Description</b>      | Consumption Water                                                                                                   |
| <b>Location</b>                | Guest Room<br>Pump Room "Water Pass Resin System"                                                                   |
| <b>Date Analysis Commenced</b> | Jul 28, 2023                                                                                                        |
| <b>Condition of Sample</b>     | Contained in three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte                                            | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                              | Testing Location |
|----------------------------------------------------|------|-----|-----------|--------|---------------------------|---------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Water Testing</b>                               |      |     |           |        |                           |                                                                                                                     |                  |
| pH at 25 degree C                                  |      | -   | -         | 7.5    | 6.5-8.5                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)   | Songkhla         |
| Phenolphthalein Alkalinity as CaCO <sub>3</sub> *  | mg/L | -   | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B         | Bangkok          |
| Residual Alkalinity *                              | mg/L | -   | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B         | Bangkok          |
| Temporary Hardness as CaCO <sub>3</sub> *          | mg/L | -   | 1         | 91     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B         | Bangkok          |
| Total Alkalinity as CaCO <sub>3</sub> *            | mg/L | -   | 1         | 91     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B         | Bangkok          |
| Total Dissolved solids Dried at 180 degree C       | mg/L | -   | 5         | 352    | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C         | Songkhla         |
| <sup>[A]</sup> Total Hardness as CaCO <sub>3</sub> | mg/L | -   | 1         | 114    | ≤100                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C, 2340 C | Bangkok          |
| Turbidity                                          | NTU  | -   | 0.1       | 0.33   | ≤5                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B         | Songkhla         |

**Guideline :** Notification of the Ministry of Public Health No. 61 B.E. 2524 & 135 B.E. 2534 on bottled drinking water (No.2) & 316 B.E. 2553 & Pathogenic 416 B.E. 2563

**Sampling By :** Thaksin Aintrom

Remark :

Approved by

Ananta B.

Ananta Boonphet  
Scientist (2)

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## Analysis / Test Report

TESTING

No.0166

**Lot ID: 2387202**

Date Received : Jul 28, 2023

Date Reported : Aug 16, 2023

Report Number : 2745877-1

**Client :** Kamala Bay Ventures Co., Ltd.

16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

Page 3 of 3

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DMSc Accreditation No. 1031/47.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

**Lot ID: 2387202**

Date Received : Jul 28, 2023

Date Reported : Aug 15, 2023

Report Number : 2745878-1

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|                                |                                                                                                                                               |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 2387202-13                                                                                                                                    |
| <b>Sampled Date</b>            | Jul 27, 2023 11:45 AM                                                                                                                         |
| <b>Sample Description</b>      | Wastewater                                                                                                                                    |
| <b>Location</b>                | Effluent WasteWater                                                                                                                           |
| <b>Date Analysis Commenced</b> | Jul 28, 2023                                                                                                                                  |
| <b>Condition of Sample</b>     | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte                                            | Unit      | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                                                            | Testing Location |
|----------------------------------------------------|-----------|------|-----------|--------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Microbiological Testing</b>                     |           |      |           |        |                           |                                                                                                                                                   |                  |
| <sup>[A]</sup> Total Coliform                      | MPN/100mL | -    | -         | 130.0  | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B                                       | Bangkok          |
| <b>Water Testing</b>                               |           |      |           |        |                           |                                                                                                                                                   |                  |
| BOD *                                              | mg/L      | -    | 2         | <2     | ≤20                       | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B                              | Songkhla         |
| Oil & Grease                                       | mg/L      | -    | 3         | <3     | ≤20                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B                                       | Songkhla         |
| pH at 25 degree C                                  |           | -    | -         | 7.4    | 5.0-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)                                 | Songkhla         |
| Residual Chlorine *                                | mg/L      | -    | 0.1       | 0.4    | No Standard               | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (G)                         | Bangkok          |
| Sulfide *                                          | mg/L      | -    | 0.5       | <0.5   | ≤1                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)                               | Songkhla         |
| Total Dissolved Solids Dried at 103-105 degree C * | mg/L      | -    | 5         | 356    | (1)                       | In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C | Songkhla         |
| Total Kjeldahl Nitrogen as N *                     | mg/L      | 0.15 | 1.0       | <1.0   | ≤35                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)                                | Bangkok          |

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ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068  
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No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location :**

**Lot ID: 2387202**

Date Received : Jul 28, 2023

Date Reported : Aug 15, 2023

Report Number : 2745878-1

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|                                |                                                                                                                                               |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 2387202-13                                                                                                                                    |
| <b>Sampled Date</b>            | Jul 27, 2023 11:45 AM                                                                                                                         |
| <b>Sample Description</b>      | Wastewater                                                                                                                                    |
| <b>Location</b>                | Effluent WasteWater                                                                                                                           |
| <b>Date Analysis Commenced</b> | Jul 28, 2023                                                                                                                                  |
| <b>Condition of Sample</b>     | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte                | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                      | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|-------------------------------------------------------------------------------------------------------------|------------------|
| <b>Water Testing</b>   |      |     |           |        |                           |                                                                                                             |                  |
| Total Suspended Solids | mg/L | -   | 5         | 5      | ≤30                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D | Songkhla         |

**Guideline :** Notification of Ministry of Natural Resources and Environment November, 7, B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type A.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

**Note :** สารละลายได้ทั้งหมดในน้ำใช้ = 352 mg/L

**Sampling By :** Thaksin Aintrom

**Remark :**

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co., Ltd. Bangkok Branch, DSS Accreditation No. 0009.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068  
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## Analysis / Test Report

TESTING  
No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

**Lot ID: 2387202**

Date Received : Jul 28, 2023

Date Reported : Aug 15, 2023

Report Number : 2745879-1

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|                                |                                                                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 2387202-14                                                                                                                                                    |
| <b>Sampled Date</b>            | Jul 27, 2023 11:30 AM                                                                                                                                         |
| <b>Sample Description</b>      | Wastewater                                                                                                                                                    |
| <b>Location</b>                | Influent WasteWater                                                                                                                                           |
| <b>Date Analysis Commenced</b> | Jul 27, 2023                                                                                                                                                  |
| <b>Condition of Sample</b>     | Contained in one amber glass bottle, two BOD bottles and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte                         | Unit      | LOD  | LOQ (LOR) | Result     | Guideline / Specification | Method                                                                                                               | Testing Location |
|---------------------------------|-----------|------|-----------|------------|---------------------------|----------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Microbiological Testing</b>  |           |      |           |            |                           |                                                                                                                      |                  |
| <sup>[A]</sup> Total Coliform   | MPN/100mL | -    | -         | 35000000.0 | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B          | Bangkok          |
| <b>Water Testing</b>            |           |      |           |            |                           |                                                                                                                      |                  |
| BOD *                           | mg/L      | -    | 2         | 776        | ≤20                       | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B | Songkhla         |
| Dissolved Oxygen *              | mg/L      | -    | 0.1       | <0.1       | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)      | Songkhla         |
| Mixed Liquor Suspended Solids * | mg/L      | -    | 5         | 550        | No Standard               | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D | Songkhla         |
| Oil & Grease                    | mg/L      | -    | 3         | 24         | ≤20                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B          | Songkhla         |
| pH at 25 degree C               |           | -    | -         | 7.1        | 5.0-9.0                   | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)    | Songkhla         |
| Sulfide *                       | mg/L      | -    | 0.5       | 6.4        | ≤1                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)  | Songkhla         |
| Total Kjeldahl Nitrogen as N *  | mg/L      | 0.15 | 1.0       | 87.3       | ≤35                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)   | Bangkok          |
| Total Suspended Solids          | mg/L      | -    | 5         | 550        | ≤30                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D          | Songkhla         |

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Scientist (2)

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TESTING  
No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

**Lot ID: 2387202**

Date Received : Jul 28, 2023

Date Reported : Aug 15, 2023

Report Number : 2745879-1

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**Guideline :** Notification of Ministry of Natural Resources and Environment November, 7, B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type A.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

**Note :** สารละลายได้ทั้งหมดในน้ำใช้ = 352 mg/L

**Sampling By :** Thaksin Aintrom

Remark :

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- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co., Ltd. Bangkok Branch, DSS Accreditation No. 0009.
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## Analysis / Test Report

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16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location :**

**Lot ID: 2387203**

Date Received : Jul 28, 2023

Date Reported : Aug 17, 2023

Report Number : 2729279-1 Rev. No.1

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**Sample Number** 2387203-1  
**Sampled Date** Jul 27, 2023 2:25 PM  
**Sample Description** Swab  
**Location** Air Guest Room  
Room. 1004  
**Date Analysis Commenced** Jul 28, 2023  
**Condition of Sample** Swab placed in a vial of sterile buffered rinse solution, refrigerated

| Analyte                        | Unit     | LOD | LOQ (LOR) | Result | Method           | Testing Location |
|--------------------------------|----------|-----|-----------|--------|------------------|------------------|
| <b>Microbiological Testing</b> |          |     |           |        |                  |                  |
| <i>Legionella spp.</i>         | CFU/Unit | -   | -         | <10    | ISO 11731 (2017) | Bangkok          |

**Note :** 1. Microbiological Testing Result <10 mean Bacteria not found at a lowest dilution.  
2. This Analysis test report is reissued to supersede report No.2729279-1, Date Reported : Aug 15, 2023 due to revise analytical information.

**Sampling By :** Thaksin Aintrom

Remark :

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

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Approved by

Suwannee Chuamkeaw  
Section Head

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197  
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## Analysis / Test Report

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location :**

**TESTING**

**No.0166**

**Lot ID: 2390700**

Date Received : Aug 08, 2023

Date Reported : Aug 19, 2023

Report Number : 2749613-1

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|                                |                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 2390700-7                                                                                                           |
| <b>Sampled Date</b>            | Aug 07, 2023 10:26 AM                                                                                               |
| <b>Sample Description</b>      | Consumption Water                                                                                                   |
| <b>Location</b>                | Guest Room<br>Room1104                                                                                              |
| <b>Date Analysis Commenced</b> | Aug 08, 2023                                                                                                        |
| <b>Condition of Sample</b>     | Contained in three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte                                         | Unit         | LOD   | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                               | Testing Location |
|-------------------------------------------------|--------------|-------|-----------|--------|---------------------------|----------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Metals Testing</b>                           |              |       |           |        |                           |                                                                                                                      |                  |
| Iron                                            | mg/L         | 0.001 | 0.005     | 0.02   | ≤0.3                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F  | Songkhla         |
| <b>Water Testing</b>                            |              |       |           |        |                           |                                                                                                                      |                  |
| Bicarbonate Alkalinity as CaCO <sub>3</sub> *   | mg/L         | -     | 1         | 71     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |
| Carbonate Alkalinity as CaCO <sub>3</sub> *     | mg/L         | -     | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |
| <sup>[A]</sup> Chloride as Cl                   | mg/L         | 0.06  | 0.2       | 109    | ≤250.0                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B          | Bangkok          |
| Color *                                         | Color unit   | -     | 5         | 5      | ≤20                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B          | Songkhla         |
| Conductivity *                                  | micromhos/cm | -     | 0.5       | 592    | No Standard               | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B | Songkhla         |
| Hydroxide Alkalinity as CaCO <sub>3</sub> *     | mg/L         | -     | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |
| Methyl Orange Alkalinity as CaCO <sub>3</sub> * | mg/L         | -     | 1         | 71     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |
| Permanent Hardness as CaCO <sub>3</sub> *       | mg/L         | -     | 1         | 40     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |

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Approved by

Ananta B.

Ananta Boonphet  
Scientist (2)

ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068  
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## Analysis / Test Report

TESTING

No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location :**

**Lot ID: 2390700**

Date Received : Aug 08, 2023

Date Reported : Aug 19, 2023

Report Number : 2749613-1

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|                                |                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 2390700-7                                                                                                           |
| <b>Sampled Date</b>            | Aug 07, 2023 10:26 AM                                                                                               |
| <b>Sample Description</b>      | Consumption Water                                                                                                   |
| <b>Location</b>                | Guest Room<br>Room1104                                                                                              |
| <b>Date Analysis Commenced</b> | Aug 08, 2023                                                                                                        |
| <b>Condition of Sample</b>     | Contained in three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte                                            | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                                                                  | Testing Location |
|----------------------------------------------------|------|-----|-----------|--------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Water Testing</b>                               |      |     |           |        |                           |                                                                                                                                                         |                  |
| pH at 25 degree C                                  |      | -   | -         | 7.7    | 6.5-8.5                   | In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Songkhla         |
| Phenolphthalein Alkalinity as CaCO <sub>3</sub> *  | mg/L | -   | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Residual Alkalinity *                              | mg/L | -   | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Temporary Hardness as CaCO <sub>3</sub> *          | mg/L | -   | 1         | 71     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Total Alkalinity as CaCO <sub>3</sub> *            | mg/L | -   | 1         | 71     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Total Dissolved solids Dried at 180 degree C       | mg/L | -   | 5         | 320    | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C                                             | Songkhla         |
| <sup>[A]</sup> Total Hardness as CaCO <sub>3</sub> | mg/L | -   | 1         | 110    | ≤100                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C, 2340 C                                     | Bangkok          |
| Turbidity                                          | NTU  | -   | 0.1       | 0.30   | ≤5                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B                                             | Songkhla         |

**Guideline :** Notification of the Ministry of Public Health No. 61 B.E. 2524 & 135 B.E. 2534 on bottled drinking water (No.2) & 316 B.E. 2553 & Pathogenic 416 B.E. 2563

**Sampling By :** Thaksin Aintrom

Remark :

Approved by

Ananta B.

Ananta Boonphet  
Scientist (2)

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## Analysis / Test Report

TESTING

No.0166

**Lot ID: 2390700**

Date Received : Aug 08, 2023

Date Reported : Aug 19, 2023

Report Number : 2749613-1

**Client :** Kamala Bay Ventures Co., Ltd.

16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

Page 3 of 3

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DMSc Accreditation No. 1031/47.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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## Analysis / Test Report

TESTING  
No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

**Lot ID: 2390700**

Date Received : Aug 08, 2023

Date Reported : Aug 18, 2023

Report Number : 2749614-1

Page 1 of 2

|                                |                                                                                                                                               |  |  |  |  |  |  |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| <b>Sample Number</b>           | 2390700-8                                                                                                                                     |  |  |  |  |  |  |
| <b>Sampled Date</b>            | Aug 07, 2023 11:08 AM                                                                                                                         |  |  |  |  |  |  |
| <b>Sample Description</b>      | Wastewater                                                                                                                                    |  |  |  |  |  |  |
| <b>Location</b>                | Effluent WasteWater                                                                                                                           |  |  |  |  |  |  |
| <b>Date Analysis Commenced</b> | Aug 08, 2023                                                                                                                                  |  |  |  |  |  |  |
| <b>Condition of Sample</b>     | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |  |  |  |  |  |  |

| Analyte                                            | Unit      | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                                                                  | Testing Location |
|----------------------------------------------------|-----------|------|-----------|--------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Microbiological Testing</b>                     |           |      |           |        |                           |                                                                                                                                                         |                  |
| Total Coliform                                     | MPN/100mL | -    | -         | 49.0   | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B                                             | Bangkok          |
| <b>Water Testing</b>                               |           |      |           |        |                           |                                                                                                                                                         |                  |
| BOD *                                              | mg/L      | -    | 2         | <2     | ≤20                       | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B                                    | Songkhla         |
| Oil & Grease                                       | mg/L      | -    | 3         | <3     | ≤20                       | In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B       | Songkhla         |
| pH at 25 degree C                                  |           | -    | -         | 7.5    | 5.0-9.0                   | In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Songkhla         |
| Residual Chlorine *                                | mg/L      | -    | 0.1       | 0.1    | No Standard               | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (G)                               | Bangkok          |
| Sulfide *                                          | mg/L      | -    | 0.5       | <0.5   | ≤1                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)                                     | Songkhla         |
| Total Dissolved Solids Dried at 103-105 degree C * | mg/L      | -    | 5         | 316    | (1)                       | In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C       | Songkhla         |
| Total Kjeldahl Nitrogen as N *                     | mg/L      | 0.15 | 1.0       | <1.0   | ≤35                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)                                      | Bangkok          |

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Approved by

Ananta B.

Ananta Boonphet  
Scientist (2)

ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068  
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## Analysis / Test Report

TESTING

No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location :**

**Lot ID: 2390700**

Date Received : Aug 08, 2023

Date Reported : Aug 18, 2023

Report Number : 2749614-1

Page 2 of 2

|                                |                                                                                                                                               |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 2390700-8                                                                                                                                     |
| <b>Sampled Date</b>            | Aug 07, 2023 11:08 AM                                                                                                                         |
| <b>Sample Description</b>      | Wastewater                                                                                                                                    |
| <b>Location</b>                | Effluent WasteWater                                                                                                                           |
| <b>Date Analysis Commenced</b> | Aug 08, 2023                                                                                                                                  |
| <b>Condition of Sample</b>     | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte                | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                      | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|-------------------------------------------------------------------------------------------------------------|------------------|
| <b>Water Testing</b>   |      |     |           |        |                           |                                                                                                             |                  |
| Total Suspended Solids | mg/L | -   | 5         | <5     | ≤30                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D | Songkhla         |

**Guideline :** Notification of Ministry of Natural Resources and Environment November, 7, B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type A.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

**Sampling By :** Thaksin Aintrom

Remark :

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

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Ananta Boonphet  
Scientist (2)

ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068  
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## Analysis / Test Report

TESTING  
No.0166

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16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :  
Project Name :  
Project Location :

Lot ID: 2390700

Date Received : Aug 08, 2023  
Date Reported : Aug 18, 2023  
Report Number : 2749615-1

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|                         |                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sample Number           | 2390700-9                                                                                                                                                     |
| Sampled Date            | Aug 07, 2023 10:56 AM                                                                                                                                         |
| Sample Description      | Wastewater                                                                                                                                                    |
| Location                | Influent WasteWater                                                                                                                                           |
| Date Analysis Commenced | Aug 08, 2023                                                                                                                                                  |
| Condition of Sample     | Contained in two BOD bottles, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte                         | Unit      | LOD  | LOQ (LOR) | Result     | Method                                                                                                                                                  | Testing Location |
|---------------------------------|-----------|------|-----------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Microbiological Testing</b>  |           |      |           |            |                                                                                                                                                         |                  |
| Total Coliform                  | MPN/100mL | -    | -         | 35000000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B                                             | Bangkok          |
| <b>Water Testing</b>            |           |      |           |            |                                                                                                                                                         |                  |
| BOD *                           | mg/L      | -    | 2         | 212        | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B                                    | Songkhla         |
| Dissolved Oxygen *              | mg/L      | -    | 0.1       | <0.1       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)                                         | Songkhla         |
| Mixed Liquor Suspended Solids * | mg/L      | -    | 5         | 164        | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D                                    | Songkhla         |
| Oil & Grease                    | mg/L      | -    | 3         | 29         | In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B       | Songkhla         |
| pH at 25 degree C               |           | -    | -         | 7.1        | In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Songkhla         |
| Sulfide *                       | mg/L      | -    | 0.5       | 5.2        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)                                     | Songkhla         |
| Total Kjeldahl Nitrogen as N *  | mg/L      | 0.15 | 1.0       | 62.0       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)                                      | Bangkok          |
| Total Suspended Solids          | mg/L      | -    | 5         | 164        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D                                             | Songkhla         |

Sampling By : Thaksin Aintrom

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Ananta B.

Ananta Boonphet  
Scientist (2)

ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068  
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## Analysis / Test Report

TESTING

No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location :**

**Lot ID: 2390713**

Date Received : Sep 09, 2023

Date Reported : Sep 19, 2023

Report Number : 2779850-1

Page 1 of 3

|                                |                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 2390713-7                                                                                                           |
| <b>Sampled Date</b>            | Sep 08, 2023 1:32 PM                                                                                                |
| <b>Sample Description</b>      | Consumption Water                                                                                                   |
| <b>Location</b>                | Guest Room<br>Room9004                                                                                              |
| <b>Date Analysis Commenced</b> | Sep 09, 2023                                                                                                        |
| <b>Condition of Sample</b>     | Contained in three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Colorless, odourless, no solid and turbid                                                                           |

| Analyte                                         | Unit         | LOD   | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                               | Testing Location |
|-------------------------------------------------|--------------|-------|-----------|--------|---------------------------|----------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Metals Testing</b>                           |              |       |           |        |                           |                                                                                                                      |                  |
| Iron                                            | mg/L         | 0.001 | 0.005     | 0.01   | ≤0.3                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F  | Songkhla         |
| <b>Water Testing</b>                            |              |       |           |        |                           |                                                                                                                      |                  |
| Bicarbonate Alkalinity as CaCO <sub>3</sub> *   | mg/L         | -     | 1         | 87     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |
| Carbonate Alkalinity as CaCO <sub>3</sub> *     | mg/L         | -     | 1         | <1     |                           | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |
| <sup>[A]</sup> Chloride as Cl                   | mg/L         | 0.06  | 0.2       | 43.9   | ≤250.0                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B          | Bangkok          |
| Color *                                         | Color unit   | -     | 5         | <5     | ≤20                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B          | Songkhla         |
| Conductivity *                                  | micromhos/cm | -     | 0.5       | 346    | No Standard               | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B | Songkhla         |
| Hydroxide Alkalinity as CaCO <sub>3</sub> *     | mg/L         | -     | 1         | <1     |                           | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |
| Methyl Orange Alkalinity as CaCO <sub>3</sub> * | mg/L         | -     | 1         | 87     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |

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Scientist (2)

ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068  
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16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

**TESTING**

**No.0166**

**Lot ID: 2390713**

Date Received : Sep 09, 2023

Date Reported : Sep 19, 2023

Report Number : 2779850-1

Page 2 of 3

|                                |                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 2390713-7                                                                                                           |
| <b>Sampled Date</b>            | Sep 08, 2023 1:32 PM                                                                                                |
| <b>Sample Description</b>      | Consumption Water                                                                                                   |
| <b>Location</b>                | Guest Room<br>Room9004                                                                                              |
| <b>Date Analysis Commenced</b> | Sep 09, 2023                                                                                                        |
| <b>Condition of Sample</b>     | Contained in three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Colorless, odourless, no solid and turbid                                                                           |

| Analyte                                            | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                                                                  | Testing Location |
|----------------------------------------------------|------|-----|-----------|--------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Water Testing</b>                               |      |     |           |        |                           |                                                                                                                                                         |                  |
| Permanent Hardness as CaCO <sub>3</sub> *          | mg/L | -   | 1         | 9      | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| pH at 25 degree C                                  |      | -   | -         | 7.2    | 6.5-8.5                   | In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Songkhla         |
| Phenolphthalein Alkalinity as CaCO <sub>3</sub> *  | mg/L | -   | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Residual Alkalinity *                              | mg/L | -   | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Temporary Hardness as CaCO <sub>3</sub> *          | mg/L | -   | 1         | 87     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Total Alkalinity as CaCO <sub>3</sub> *            | mg/L | -   | 1         | 87     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Total Dissolved solids Dried at 180 degree C       | mg/L | -   | 5         | 208    | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C                                             | Songkhla         |
| <sup>[A]</sup> Total Hardness as CaCO <sub>3</sub> | mg/L | -   | 1         | 96     | ≤100                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C, 2340 C                                     | Bangkok          |

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Approved by

Ananta B.

Ananta Boonphet  
Scientist (2)

ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068  
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## Analysis / Test Report

TESTING  
No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

**Lot ID: 2390713**

Date Received : Sep 09, 2023

Date Reported : Sep 19, 2023

Report Number : 2779850-1

Page 3 of 3

|                                |                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 2390713-7                                                                                                           |
| <b>Sampled Date</b>            | Sep 08, 2023 1:32 PM                                                                                                |
| <b>Sample Description</b>      | Consumption Water                                                                                                   |
| <b>Location</b>                | Guest Room<br>Room9004                                                                                              |
| <b>Date Analysis Commenced</b> | Sep 09, 2023                                                                                                        |
| <b>Condition of Sample</b>     | Contained in three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Colorless, odourless, no solid and turbid                                                                           |

| Analyte              | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                      | Testing Location |
|----------------------|------|-----|-----------|--------|---------------------------|-------------------------------------------------------------------------------------------------------------|------------------|
| <b>Water Testing</b> |      |     |           |        |                           |                                                                                                             |                  |
| Turbidity            | NTU  | -   | 0.1       | 0.40   | ≤5                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B | Songkhla         |

**Guideline :** Notification of the Ministry of Public Health No. 61 B.E. 2524 & 135 B.E. 2534 on bottled drinking water (No.2) & 316 B.E. 2553 & Pathogenic 416 B.E. 2563

**Sampling By :** Yuttapong Rattana , Thaksin Aintrom

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DMSc Accreditation No. 1031/47.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Ananta B.

Ananta Boonphet  
Scientist (2)

ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068  
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## Analysis / Test Report

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

**TESTING**

**No.0166**

**Lot ID: 23113623**

Date Received : Oct 07, 2023

Date Reported : Oct 26, 2023

Report Number : 2815524-1

Page 1 of 3

|                                |                                                                                                                    |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 23113623-7                                                                                                         |
| <b>Sampled Date</b>            | Oct 06, 2023 10:15 AM                                                                                              |
| <b>Sample Description</b>      | Consumption Water                                                                                                  |
| <b>Location</b>                | Guest Room<br>Room 1417                                                                                            |
| <b>Date Analysis Commenced</b> | Oct 07, 2023                                                                                                       |
| <b>Condition of Sample</b>     | Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Colorless, odourless, no solid and turbid                                                                          |

| Analyte                                       | Unit       | LOD   | LOQ (LOR) | Result       | Guideline / Specification | Method                                                                                                              | Testing Location |
|-----------------------------------------------|------------|-------|-----------|--------------|---------------------------|---------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Metals Testing</b>                         |            |       |           |              |                           |                                                                                                                     |                  |
| Iron                                          | mg/L       | 0.001 | 0.005     | 0.03         | ≤0.3                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Songkhla         |
| <b>Microbiological Testing</b>                |            |       |           |              |                           |                                                                                                                     |                  |
| <sup>[A]</sup> <i>Escherichia coli</i>        | in 100 mL  | -     | -         | Not Detected | Not Detected              | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 F         | Bangkok          |
| Standard Plate Count *                        | CFU/200mL  | -     | -         | 8            | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 D         | Bangkok          |
| <sup>[A]</sup> Total Coliform                 | MPN/100mL  | -     | -         | <1.1         | <2.2                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B         | Bangkok          |
| <b>Water Testing</b>                          |            |       |           |              |                           |                                                                                                                     |                  |
| Bicarbonate Alkalinity as CaCO <sub>3</sub> * | mg/L       | -     | 1         | 61           | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B         | Bangkok          |
| Carbonate Alkalinity as CaCO <sub>3</sub> *   | mg/L       | -     | 1         | <1           | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B         | Bangkok          |
| <sup>[A]</sup> Chloride as Cl                 | mg/L       | 0.06  | 0.2       | 50.2         | ≤250.0                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B         | Bangkok          |
| Color *                                       | Color unit | -     | 5         | <5           | ≤20                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B         | Songkhla         |

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Ananta B.

Ananta Boonphet  
Scientist (2)

ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068  
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## Analysis / Test Report

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

**TESTING**

**No.0166**

**Lot ID: 23113623**

Date Received : Oct 07, 2023

Date Reported : Oct 26, 2023

Report Number : 2815524-1

Page 2 of 3

|                                |                                                                                                                    |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 23113623-7                                                                                                         |
| <b>Sampled Date</b>            | Oct 06, 2023 10:15 AM                                                                                              |
| <b>Sample Description</b>      | Consumption Water                                                                                                  |
| <b>Location</b>                | Guest Room<br>Room 1417                                                                                            |
| <b>Date Analysis Commenced</b> | Oct 07, 2023                                                                                                       |
| <b>Condition of Sample</b>     | Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Colorless, odourless, no solid and turbid                                                                          |

| Analyte                                           | Unit         | LOD | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                                                                  | Testing Location |
|---------------------------------------------------|--------------|-----|-----------|--------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Water Testing</b>                              |              |     |           |        |                           |                                                                                                                                                         |                  |
| Conductivity *                                    | micromhos/cm | -   | 0.5       | 337    | No Standard               | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B                                    | Songkhla         |
| Hydroxide Alkalinity as CaCO <sub>3</sub> *       | mg/L         | -   | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Methyl Orange Alkalinity as CaCO <sub>3</sub> *   | mg/L         | -   | 1         | 61     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Permanent Hardness as CaCO <sub>3</sub> *         | mg/L         | -   | 1         | 19     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| pH at 25 degree C                                 |              | -   | -         | 7.4    | 6.5-8.5                   | In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Songkhla         |
| Phenolphthalein Alkalinity as CaCO <sub>3</sub> * | mg/L         | -   | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Residual Alkalinity *                             | mg/L         | -   | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Temporary Hardness as CaCO <sub>3</sub> *         | mg/L         | -   | 1         | 61     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Total Alkalinity as CaCO <sub>3</sub> *           | mg/L         | -   | 1         | 61     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |

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Approved by

Ananta B.

Ananta Boonphet  
Scientist (2)

ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068  
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## Analysis / Test Report

TESTING

No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

**Lot ID: 23113623**

Date Received : Oct 07, 2023

Date Reported : Oct 26, 2023

Report Number : 2815524-1

Page 3 of 3

|                                |                                                                                                                    |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 23113623-7                                                                                                         |
| <b>Sampled Date</b>            | Oct 06, 2023 10:15 AM                                                                                              |
| <b>Sample Description</b>      | Consumption Water                                                                                                  |
| <b>Location</b>                | Guest Room<br>Room 1417                                                                                            |
| <b>Date Analysis Commenced</b> | Oct 07, 2023                                                                                                       |
| <b>Condition of Sample</b>     | Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Colorless, odourless, no solid and turbid                                                                          |

| Analyte                                            | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                      | Testing Location |
|----------------------------------------------------|------|-----|-----------|--------|---------------------------|-------------------------------------------------------------------------------------------------------------|------------------|
| <b>Water Testing</b>                               |      |     |           |        |                           |                                                                                                             |                  |
| Total Dissolved solids Dried at 180 degree C       | mg/L | -   | 5         | 190    | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C | Songkhla         |
| <sup>[A]</sup> Total Hardness as CaCO <sub>3</sub> | mg/L | -   | 1         | 79     | ≤100                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C | Bangkok          |
| Turbidity                                          | NTU  | -   | 0.1       | 0.39   | ≤5                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B | Songkhla         |

**Guideline :** Notification of the Ministry of Public Health No. 61 B.E. 2524 & 135 B.E. 2534 on bottled drinking water (No.2) & 316 B.E. 2553 & Pathogenic 416 B.E. 2563

**Sampling By :** Thaksin Aintrom

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DMSc Accreditation No. 1031/47.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Approved by

Ananta B.

Ananta Boonphet  
Scientist (2)

ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068  
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## Analysis / Test Report

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location :**

**Lot ID: 23113676**

Date Received : Oct 07, 2023

Date Reported : Oct 30, 2023

Report Number : 2790445-1 Rev. No.1

Page 1 of 1

**Sample Number** 23113676-1  
**Sampled Date** Oct 06, 2023 10:15 AM  
**Sample Description** Swab  
**Location** Air Guest Room Room 1417  
**Date Analysis Commenced** Oct 07, 2023  
**Condition of Sample** Swab placed in a vial of sterile buffered rinse solution, refrigerated

| Analyte                        | Unit     | LOD | LOQ (LOR) | Result | Method           | Testing Location |
|--------------------------------|----------|-----|-----------|--------|------------------|------------------|
| <b>Microbiological Testing</b> |          |     |           |        |                  |                  |
| <i>Legionella spp.</i>         | CFU/Unit | -   | -         | <10    | ISO 11731 (2017) | Bangkok          |

**Note :** 1. Microbiological Testing Result <10 mean Bacteria not found at a lowest dilution.  
2. This Analysis test report is reissued to supersede report No.2790445-1, Date Reported : Oct 26, 2023 due to revise analytical information.

**Sampling By :** Thaksin Aintrom

Remark :

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

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Approved by

Tuanjai Thangklang  
Manager

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197  
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## Analysis / Test Report

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

**TESTING**

**No.0166**

**Lot ID: 23121713**

Date Received : Oct 25, 2023

Date Reported : Oct 30, 2023

Report Number : 2819615-1

Page 1 of 2

|                                |                                                                                                                                               |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 23121713-1                                                                                                                                    |
| <b>Sampled Date</b>            | Oct 24, 2023 10:40 AM                                                                                                                         |
| <b>Sample Description</b>      | Wastewater                                                                                                                                    |
| <b>Location</b>                | Effluent WasteWater                                                                                                                           |
| <b>Date Analysis Commenced</b> | Oct 25, 2023                                                                                                                                  |
| <b>Condition of Sample</b>     | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Yellow, some odour, solid and turbid                                                                                                          |

| Analyte                                            | Unit      | LOD  | LOQ (LOR) | Result   | Guideline / Specification | Method                                                                                                                                                  | Testing Location |
|----------------------------------------------------|-----------|------|-----------|----------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Microbiological Testing</b>                     |           |      |           |          |                           |                                                                                                                                                         |                  |
| <sup>[A]</sup> Total Coliform                      | MPN/100mL | -    | -         | 330000.0 | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B                                             | Bangkok          |
| <b>Water Testing</b>                               |           |      |           |          |                           |                                                                                                                                                         |                  |
| BOD *                                              | mg/L      | -    | 2         | 12.6     | ≤20                       | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B                                    | Songkhla         |
| Oil & Grease                                       | mg/L      | -    | 3         | 3        | ≤20                       | In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B       | Songkhla         |
| pH at 25 degree C                                  |           | -    | -         | 7.4      | 5.0-9.0                   | In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Songkhla         |
| Residual Chlorine *                                | mg/L      | -    | 0.1       | <0.1     | No Standard               | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (G)                               | Bangkok          |
| Sulfide *                                          | mg/L      | -    | 0.5       | 0.8      | ≤1                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)                                     | Songkhla         |
| Total Dissolved Solids Dried at 103-105 degree C * | mg/L      | -    | 5         | 444      | (1)                       | In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C       | Songkhla         |
| Total Kjeldahl Nitrogen as N *                     | mg/L      | 0.15 | 1.0       | 23.7     | ≤35                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)                                      | Bangkok          |

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Approved by

Ananta B.

Ananta Boonphet  
Scientist (2)

ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068  
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## Analysis / Test Report

TESTING

No.0166

**Lot ID: 23121713**

Date Received : Oct 25, 2023

Date Reported : Oct 30, 2023

Report Number : 2819615-1

**Client :** Kamala Bay Ventures Co., Ltd.

16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

Page 2 of 2

|                                |                                                                                                                                               |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 23121713-1                                                                                                                                    |
| <b>Sampled Date</b>            | Oct 24, 2023 10:40 AM                                                                                                                         |
| <b>Sample Description</b>      | Wastewater                                                                                                                                    |
| <b>Location</b>                | Effluent WasteWater                                                                                                                           |
| <b>Date Analysis Commenced</b> | Oct 25, 2023                                                                                                                                  |
| <b>Condition of Sample</b>     | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Yellow, some odour, solid and turbid                                                                                                          |

| Analyte                | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                      | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|-------------------------------------------------------------------------------------------------------------|------------------|
| <b>Water Testing</b>   |      |     |           |        |                           |                                                                                                             |                  |
| Total Suspended Solids | mg/L | -   | 5         | 26     | ≤30                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D | Songkhla         |

**Guideline :** Notification of Ministry of Natural Resources and Environment November, 7, B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type A.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

**Sampling By :** Yuttapong Rattana , Sakkarin Panpheng

Remark :

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- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co., Ltd. Bangkok Branch, DSS Accreditation No. 0009.
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Scientist (2)

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## Analysis / Test Report

TESTING  
No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**  
**Project Name :**  
**Project Location :**

**Lot ID: 23121713**

Date Received : Oct 25, 2023  
Date Reported : Oct 30, 2023  
Report Number : 2819616-1

Page 1 of 2

|                                |                                                                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 23121713-2                                                                                                                                                    |
| <b>Sampled Date</b>            | Oct 24, 2023 10:25 AM                                                                                                                                         |
| <b>Sample Description</b>      | Wastewater                                                                                                                                                    |
| <b>Location</b>                | Influent WasteWater                                                                                                                                           |
| <b>Date Analysis Commenced</b> | Oct 25, 2023                                                                                                                                                  |
| <b>Condition of Sample</b>     | Contained in two BOD bottles, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Yellow, a lot of odour, solid and turbid                                                                                                                      |

| Analyte                         | Unit      | LOD  | LOQ (LOR) | Result    | Method                                                                                                                                                  | Testing Location |
|---------------------------------|-----------|------|-----------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Microbiological Testing</b>  |           |      |           |           |                                                                                                                                                         |                  |
| <sup>[A]</sup> Total Coliform   | MPN/100mL | -    | -         | 7900000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B                                             | Bangkok          |
| <b>Water Testing</b>            |           |      |           |           |                                                                                                                                                         |                  |
| BOD *                           | mg/L      | -    | 2         | 16.2      | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B                                    | Songkhla         |
| Dissolved Oxygen *              | mg/L      | -    | 0.1       | <0.1      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)                                         | Songkhla         |
| Mixed Liquor Suspended Solids * | mg/L      | -    | 5         | 92        | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D                                    | Songkhla         |
| Oil & Grease                    | mg/L      | -    | 3         | 6         | In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B       | Songkhla         |
| pH at 25 degree C               |           | -    | -         | 7.3       | In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Songkhla         |
| Sulfide *                       | mg/L      | -    | 0.5       | 2.2       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)                                     | Songkhla         |
| Total Kjeldahl Nitrogen as N *  | mg/L      | 0.15 | 1.0       | 42.9      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)                                      | Bangkok          |
| Total Suspended Solids          | mg/L      | -    | 5         | 92        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D                                             | Songkhla         |

**Sampling By :** Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Ananta B.

Ananta Boonphet  
Scientist (2)

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## Analysis / Test Report

TESTING  
No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**  
**Project Name :**  
**Project Location :**

**Lot ID: 23121713**

Date Received : Oct 25, 2023

Date Reported : Oct 30, 2023

Report Number : 2819616-1

Page 2 of 2

- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co., Ltd. Bangkok Branch, DSS Accreditation No. 0009.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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## Analysis / Test Report

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

**TESTING**

**No.0166**

**Lot ID: 23122506**

Date Received : Nov 04, 2023

Date Reported : Nov 14, 2023

Report Number : 2833904-1

Page 1 of 3

|                                |                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 23122506-7                                                                                                          |
| <b>Sampled Date</b>            | Nov 03, 2023 2:11 PM                                                                                                |
| <b>Sample Description</b>      | Consumption Water                                                                                                   |
| <b>Location</b>                | Guest Room<br>Room1314                                                                                              |
| <b>Date Analysis Commenced</b> | Nov 04, 2023                                                                                                        |
| <b>Condition of Sample</b>     | Contained in three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Colorless, odourless, no solid and turbid                                                                           |

| Analyte                                         | Unit         | LOD   | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                               | Testing Location |
|-------------------------------------------------|--------------|-------|-----------|--------|---------------------------|----------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Metals Testing</b>                           |              |       |           |        |                           |                                                                                                                      |                  |
| Iron                                            | mg/L         | 0.001 | 0.005     | 0.01   | ≤0.3                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F  | Songkhla         |
| <b>Water Testing</b>                            |              |       |           |        |                           |                                                                                                                      |                  |
| Bicarbonate Alkalinity as CaCO <sub>3</sub> *   | mg/L         | -     | 1         | 227    | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |
| Carbonate Alkalinity as CaCO <sub>3</sub> *     | mg/L         | -     | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |
| <sup>[A]</sup> Chloride as Cl                   | mg/L         | 0.06  | 0.2       | 125    | ≤250.0                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B          | Bangkok          |
| Color *                                         | Color unit   | -     | 5         | <5     | ≤20                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B          | Songkhla         |
| Conductivity *                                  | micromhos/cm | -     | 0.5       | 646    | No Standard               | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B | Songkhla         |
| Hydroxide Alkalinity as CaCO <sub>3</sub> *     | mg/L         | -     | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |
| Methyl Orange Alkalinity as CaCO <sub>3</sub> * | mg/L         | -     | 1         | 227    | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |

Approved by

Ananta B.

Ananta Boonphet  
Scientist (2)

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## Analysis / Test Report

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16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

**TESTING**

**No.0166**

**Lot ID: 23122506**

Date Received : Nov 04, 2023

Date Reported : Nov 14, 2023

Report Number : 2833904-1

Page 2 of 3

|                                |                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 23122506-7                                                                                                          |
| <b>Sampled Date</b>            | Nov 03, 2023 2:11 PM                                                                                                |
| <b>Sample Description</b>      | Consumption Water                                                                                                   |
| <b>Location</b>                | Guest Room<br>Room1314                                                                                              |
| <b>Date Analysis Commenced</b> | Nov 04, 2023                                                                                                        |
| <b>Condition of Sample</b>     | Contained in three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Colorless, odourless, no solid and turbid                                                                           |

| Analyte                                            | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                                                                  | Testing Location |
|----------------------------------------------------|------|-----|-----------|--------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Water Testing</b>                               |      |     |           |        |                           |                                                                                                                                                         |                  |
| Permanent Hardness as CaCO <sub>3</sub> *          | mg/L | -   | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| pH at 25 degree C                                  |      | -   | -         | 7.6    | 6.5-8.5                   | In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Songkhla         |
| Phenolphthalein Alkalinity as CaCO <sub>3</sub> *  | mg/L | -   | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Residual Alkalinity *                              | mg/L | -   | 1         | 119    | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Temporary Hardness as CaCO <sub>3</sub> *          | mg/L | -   | 1         | 108    | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Total Alkalinity as CaCO <sub>3</sub> *            | mg/L | -   | 1         | 227    | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Total Dissolved solids Dried at 180 degree C       | mg/L | -   | 5         | 352    | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C                                             | Songkhla         |
| <sup>[A]</sup> Total Hardness as CaCO <sub>3</sub> | mg/L | -   | 1         | 108    | ≤100                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C                                             | Bangkok          |

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## Analysis / Test Report

TESTING

No.0166

**Lot ID: 23122506**

Date Received : Nov 04, 2023

Date Reported : Nov 14, 2023

Report Number : 2833904-1

**Client :** Kamala Bay Ventures Co., Ltd.

16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

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|                                |                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 23122506-7                                                                                                          |
| <b>Sampled Date</b>            | Nov 03, 2023 2:11 PM                                                                                                |
| <b>Sample Description</b>      | Consumption Water                                                                                                   |
| <b>Location</b>                | Guest Room<br>Room1314                                                                                              |
| <b>Date Analysis Commenced</b> | Nov 04, 2023                                                                                                        |
| <b>Condition of Sample</b>     | Contained in three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Colorless, odourless, no solid and turbid                                                                           |

| Analyte              | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                      | Testing Location |
|----------------------|------|-----|-----------|--------|---------------------------|-------------------------------------------------------------------------------------------------------------|------------------|
| <b>Water Testing</b> |      |     |           |        |                           |                                                                                                             |                  |
| Turbidity            | NTU  | -   | 0.1       | 0.30   | ≤5                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B | Songkhla         |

**Guideline :** Notification of the Ministry of Public Health No. 61 B.E. 2524 & 135 B.E. 2534 on bottled drinking water (No.2) & 316 B.E. 2553

**Sampling By :** Yuttapong Rattana

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DMSc Accreditation No. 1031/47.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

Ananta B.

Ananta Boonphet  
Scientist (2)

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## Analysis / Test Report

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16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

**TESTING**

**No.0166**

**Lot ID: 23122506**

Date Received : Nov 04, 2023

Date Reported : Nov 14, 2023

Report Number : 2833905-1

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|                                |                                                                                                                                               |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 23122506-8                                                                                                                                    |
| <b>Sampled Date</b>            | Nov 03, 2023 2:56 PM                                                                                                                          |
| <b>Sample Description</b>      | Wastewater                                                                                                                                    |
| <b>Location</b>                | Effluent WasteWater                                                                                                                           |
| <b>Date Analysis Commenced</b> | Nov 04, 2023                                                                                                                                  |
| <b>Condition of Sample</b>     | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Yellow, some odour, solid and turbid                                                                                                          |

| Analyte                                            | Unit      | LOD | LOQ (LOR) | Result    | Guideline / Specification | Method                                                                                                                                                  | Testing Location |
|----------------------------------------------------|-----------|-----|-----------|-----------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Microbiological Testing</b>                     |           |     |           |           |                           |                                                                                                                                                         |                  |
| Total Coliform                                     | MPN/100mL | -   | -         | 1700000.0 | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B                                             | Songkhla         |
| <b>Water Testing</b>                               |           |     |           |           |                           |                                                                                                                                                         |                  |
| BOD *                                              | mg/L      | -   | 2         | 22.2      | ≤20                       | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B                                    | Songkhla         |
| Oil & Grease                                       | mg/L      | -   | 3         | 4         | ≤20                       | In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B       | Songkhla         |
| pH at 25 degree C                                  |           | -   | -         | 7.4       | 5.0-9.0                   | In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Songkhla         |
| Residual Chlorine *                                | mg/L      | -   | 0.1       | <0.1      | No Standard               | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (G)                               | Bangkok          |
| Sulfide *                                          | mg/L      | -   | 0.5       | 0.6       | ≤1                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)                                     | Songkhla         |
| Total Dissolved Solids Dried at 103-105 degree C * | mg/L      | -   | 5         | 480       | (1)                       | In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C       | Songkhla         |

Approved by

Ananta B.

Ananta Boonphet  
Scientist (2)

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## Analysis / Test Report

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location :**

**TESTING**

**No.0166**

**Lot ID: 23122506**

Date Received : Nov 04, 2023

Date Reported : Nov 14, 2023

Report Number : 2833905-1

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|                                |                                                                                                                                               |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 23122506-8                                                                                                                                    |
| <b>Sampled Date</b>            | Nov 03, 2023 2:56 PM                                                                                                                          |
| <b>Sample Description</b>      | Wastewater                                                                                                                                    |
| <b>Location</b>                | Effluent WasteWater                                                                                                                           |
| <b>Date Analysis Commenced</b> | Nov 04, 2023                                                                                                                                  |
| <b>Condition of Sample</b>     | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Yellow, some odour, solid and turbid                                                                                                          |

| Analyte                        | Unit | LOD  | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                             | Testing Location |
|--------------------------------|------|------|-----------|--------|---------------------------|--------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Water Testing</b>           |      |      |           |        |                           |                                                                                                                    |                  |
| Total Kjeldahl Nitrogen as N * | mg/L | 0.15 | 1.0       | 24.7   | ≤35                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C) | Bangkok          |
| Total Suspended Solids         | mg/L | -    | 5         | 46     | ≤30                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D        | Songkhla         |

**Guideline :** Notification of Ministry of Natural Resources and Environment November, 7, B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type A.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

**Note :** สารที่ละลายได้ทั้งหมด = 352 mg/L

**Sampling By :** Yuttapong Rattana

Remark :

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

Approved by

Ananta B.

Ananta Boonphet  
Scientist (2)

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## Analysis / Test Report

TESTING  
No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**  
**Project Name :**  
**Project Location :**

**Lot ID: 23122506**

Date Received : Nov 04, 2023  
Date Reported : Nov 14, 2023  
Report Number : 2833906-1

Page 1 of 2

|                                |                                                                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 23122506-9                                                                                                                                                    |
| <b>Sampled Date</b>            | Nov 03, 2023 2:46 PM                                                                                                                                          |
| <b>Sample Description</b>      | Wastewater                                                                                                                                                    |
| <b>Location</b>                | Influent WasteWater                                                                                                                                           |
| <b>Date Analysis Commenced</b> | Nov 04, 2023                                                                                                                                                  |
| <b>Condition of Sample</b>     | Contained in two BOD bottles, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Yellow, a lot of odour, solid and turbid                                                                                                                      |

| Analyte                         | Unit      | LOD  | LOQ (LOR) | Result    | Method                                                                                                                                                  | Testing Location |
|---------------------------------|-----------|------|-----------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Microbiological Testing</b>  |           |      |           |           |                                                                                                                                                         |                  |
| Total Coliform                  | MPN/100mL | -    | -         | 4900000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B                                             | Songkhla         |
| <b>Water Testing</b>            |           |      |           |           |                                                                                                                                                         |                  |
| BOD *                           | mg/L      | -    | 2         | 47.4      | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B                                    | Songkhla         |
| Dissolved Oxygen *              | mg/L      | -    | 0.1       | <0.1      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)                                         | Songkhla         |
| Mixed Liquor Suspended Solids * | mg/L      | -    | 5         | 98        | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D                                    | Songkhla         |
| Oil & Grease                    | mg/L      | -    | 3         | 5         | In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B       | Songkhla         |
| pH at 25 degree C               |           | -    | -         | 7.3       | In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Songkhla         |
| Sulfide *                       | mg/L      | -    | 0.5       | 1.4       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)                                     | Songkhla         |
| Total Kjeldahl Nitrogen as N *  | mg/L      | 0.15 | 1.0       | 48.4      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)                                      | Bangkok          |
| Total Suspended Solids          | mg/L      | -    | 5         | 96        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D                                             | Songkhla         |

**Note :** สารที่ละลายได้ทั้งหมด = 352 mg/L

**Sampling By :** Yuttapong Rattana

Remark :  
- LOD : Limit of Detection

Approved by

Ananta ฿

Ananta Boonphet  
Scientist (2)

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## Analysis / Test Report

TESTING  
No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**  
**Project Name :**  
**Project Location :**

**Lot ID: 23122506**

Date Received : Nov 04, 2023

Date Reported : Nov 14, 2023

Report Number : 2833906-1

Page 2 of 2

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

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Approved by

Ananta ₪

Ananta Boonphet  
Scientist (2)

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## Analysis / Test Report

TESTING

No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

**Lot ID: 23134553**

Date Received : Dec 09, 2023

Date Reported : Dec 19, 2023

Report Number : 2867364-1

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|                                |                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 23134553-7                                                                                                          |
| <b>Sampled Date</b>            | Dec 08, 2023 10:50 AM                                                                                               |
| <b>Sample Description</b>      | Consumption Water                                                                                                   |
| <b>Location</b>                | Guest Room<br>Room 8004                                                                                             |
| <b>Date Analysis Commenced</b> | Dec 09, 2023                                                                                                        |
| <b>Condition of Sample</b>     | Contained in three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Colorless, odourless, no solid and turbid                                                                           |

| Analyte                                         | Unit         | LOD   | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                               | Testing Location |
|-------------------------------------------------|--------------|-------|-----------|--------|---------------------------|----------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Metals Testing</b>                           |              |       |           |        |                           |                                                                                                                      |                  |
| Iron                                            | mg/L         | 0.001 | 0.005     | 0.02   | ≤0.3                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F  | Songkhla         |
| <b>Water Testing</b>                            |              |       |           |        |                           |                                                                                                                      |                  |
| Bicarbonate Alkalinity as CaCO <sub>3</sub> *   | mg/L         | -     | 1         | 101    | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |
| Carbonate Alkalinity as CaCO <sub>3</sub> *     | mg/L         | -     | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |
| <sup>[A]</sup> Chloride as Cl                   | mg/L         | 0.06  | 0.2       | 97.2   | ≤250.0                    | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B          | Bangkok          |
| Color *                                         | Color unit   | -     | 5         | <5     | ≤20                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B          | Songkhla         |
| Conductivity *                                  | micromhos/cm | -     | 0.5       | 511    | No Standard               | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B | Songkhla         |
| Hydroxide Alkalinity as CaCO <sub>3</sub> *     | mg/L         | -     | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |
| Methyl Orange Alkalinity as CaCO <sub>3</sub> * | mg/L         | -     | 1         | 101    | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B          | Bangkok          |

Approved by

Ananta B.

Ananta Boonphet  
Scientist (2)

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## Analysis / Test Report

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

**TESTING**

**No.0166**

**Lot ID: 23134553**

Date Received : Dec 09, 2023

Date Reported : Dec 19, 2023

Report Number : 2867364-1

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|                                |                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 23134553-7                                                                                                          |
| <b>Sampled Date</b>            | Dec 08, 2023 10:50 AM                                                                                               |
| <b>Sample Description</b>      | Consumption Water                                                                                                   |
| <b>Location</b>                | Guest Room<br>Room 8004                                                                                             |
| <b>Date Analysis Commenced</b> | Dec 09, 2023                                                                                                        |
| <b>Condition of Sample</b>     | Contained in three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Colorless, odourless, no solid and turbid                                                                           |

| Analyte                                            | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                                                                  | Testing Location |
|----------------------------------------------------|------|-----|-----------|--------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Water Testing</b>                               |      |     |           |        |                           |                                                                                                                                                         |                  |
| Permanent Hardness as CaCO <sub>3</sub> *          | mg/L | -   | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| pH at 25 degree C                                  |      | -   | -         | 7.6    | 6.5-8.5                   | In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Songkhla         |
| Phenolphthalein Alkalinity as CaCO <sub>3</sub> *  | mg/L | -   | 1         | <1     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Residual Alkalinity *                              | mg/L | -   | 1         | 10     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Temporary Hardness as CaCO <sub>3</sub> *          | mg/L | -   | 1         | 91     | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Total Alkalinity as CaCO <sub>3</sub> *            | mg/L | -   | 1         | 101    | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B                                             | Bangkok          |
| Total Dissolved solids Dried at 180 degree C       | mg/L | -   | 5         | 283    | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C                                             | Songkhla         |
| <sup>[A]</sup> Total Hardness as CaCO <sub>3</sub> | mg/L | -   | 1         | 91     | ≤100                      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C                                             | Bangkok          |

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## Analysis / Test Report

TESTING  
No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

**Lot ID: 23134553**

Date Received : Dec 09, 2023

Date Reported : Dec 19, 2023

Report Number : 2867364-1

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|                                |                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 23134553-7                                                                                                          |
| <b>Sampled Date</b>            | Dec 08, 2023 10:50 AM                                                                                               |
| <b>Sample Description</b>      | Consumption Water                                                                                                   |
| <b>Location</b>                | Guest Room<br>Room 8004                                                                                             |
| <b>Date Analysis Commenced</b> | Dec 09, 2023                                                                                                        |
| <b>Condition of Sample</b>     | Contained in three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Colorless, odourless, no solid and turbid                                                                           |

| Analyte              | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                      | Testing Location |
|----------------------|------|-----|-----------|--------|---------------------------|-------------------------------------------------------------------------------------------------------------|------------------|
| <b>Water Testing</b> |      |     |           |        |                           |                                                                                                             |                  |
| Turbidity            | NTU  | -   | 0.1       | 0.20   | ≤5                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B | Songkhla         |

**Guideline :** Notification of the Ministry of Public Health No. 61 B.E. 2524 & 135 B.E. 2534 on bottled drinking water (No.2) & 316 B.E. 2553

**Sampling By :** Yuttapong Rattana , Thaksin Aintrom

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DMSc Accreditation No. 1031/47.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

Ananta B.

Ananta Boonphet  
Scientist (2)

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## Analysis / Test Report

TESTING

No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

**Lot ID: 23134553**

Date Received : Dec 09, 2023

Date Reported : Dec 19, 2023

Report Number : 2867365-1

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|                                |                                                                                                                                               |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 23134553-8                                                                                                                                    |
| <b>Sampled Date</b>            | Dec 08, 2023 10:15 AM                                                                                                                         |
| <b>Sample Description</b>      | Wastewater                                                                                                                                    |
| <b>Location</b>                | Effluent WasteWater                                                                                                                           |
| <b>Date Analysis Commenced</b> | Dec 09, 2023                                                                                                                                  |
| <b>Condition of Sample</b>     | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Yellow, some odour, solid and turbid                                                                                                          |

| Analyte                                            | Unit      | LOD | LOQ (LOR) | Result | Guideline / Specification | Method                                                                                                                                                  | Testing Location |
|----------------------------------------------------|-----------|-----|-----------|--------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Microbiological Testing</b>                     |           |     |           |        |                           |                                                                                                                                                         |                  |
| Total Coliform                                     | MPN/100mL | -   | -         | <1.8   | No Standard               | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B                                             | Songkhla         |
| <b>Water Testing</b>                               |           |     |           |        |                           |                                                                                                                                                         |                  |
| BOD *                                              | mg/L      | -   | 2         | <2     | ≤20                       | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B                                    | Songkhla         |
| Oil & Grease                                       | mg/L      | -   | 3         | <3     | ≤20                       | In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B       | Songkhla         |
| pH at 25 degree C                                  |           | -   | -         | 7.5    | 5.0-9.0                   | In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Songkhla         |
| Residual Chlorine *                                | mg/L      | -   | 0.1       | 6.9    | No Standard               | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (G)                               | Bangkok          |
| Sulfide *                                          | mg/L      | -   | 0.5       | 0.6    | ≤1                        | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)                                     | Songkhla         |
| Total Dissolved Solids Dried at 103-105 degree C * | mg/L      | -   | 5         | 488    | (1)                       | In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C       | Songkhla         |

Approved by

Tuanjai Thangklang  
Manager

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## Analysis / Test Report

TESTING  
No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**

**Project Name :**

**Project Location:**

**Lot ID: 23134553**

Date Received : Dec 09, 2023

Date Reported : Dec 19, 2023

Report Number : 2867365-1

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|                                |                                                                                                                                               |  |  |  |  |  |  |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| <b>Sample Number</b>           | 23134553-8                                                                                                                                    |  |  |  |  |  |  |
| <b>Sampled Date</b>            | Dec 08, 2023 10:15 AM                                                                                                                         |  |  |  |  |  |  |
| <b>Sample Description</b>      | Wastewater                                                                                                                                    |  |  |  |  |  |  |
| <b>Location</b>                | Effluent WasteWater                                                                                                                           |  |  |  |  |  |  |
| <b>Date Analysis Commenced</b> | Dec 09, 2023                                                                                                                                  |  |  |  |  |  |  |
| <b>Condition of Sample</b>     | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |  |  |  |  |  |  |
| <b>Physical Property</b>       | Yellow, some odour, solid and turbid                                                                                                          |  |  |  |  |  |  |

| Analyte                        | Unit | LOD  | LOQ (LOR) | Result       | Guideline / Specification | Method                                                                                                             | Testing Location |
|--------------------------------|------|------|-----------|--------------|---------------------------|--------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Water Testing</b>           |      |      |           |              |                           |                                                                                                                    |                  |
| Total Kjeldahl Nitrogen as N * | mg/L | 0.15 | 1.0       | Not Detected | ≤35                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C) | Bangkok          |
| Total Suspended Solids         | mg/L | -    | 5         | <5           | ≤30                       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D        | Songkhla         |

**Guideline :** Notification of Ministry of Natural Resources and Environment November, 7, B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type A.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

**Note :** สารที่ละลายได้ทั้งหมดในน้ำใช้ = 283 mg/L

**Sampling By :** Yuttapong Rattana , Thaksin Aintrom

Remark :

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

Approved by

Tuanjai Thangklang  
Manager

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## Analysis / Test Report

TESTING  
No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**  
**Project Name :**  
**Project Location :**

**Lot ID: 23134553**

Date Received : Dec 09, 2023  
Date Reported : Dec 19, 2023  
Report Number : 2867366-1

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|                                |                                                                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sample Number</b>           | 23134553-9                                                                                                                                                    |
| <b>Sampled Date</b>            | Dec 08, 2023 10:30 AM                                                                                                                                         |
| <b>Sample Description</b>      | Wastewater                                                                                                                                                    |
| <b>Location</b>                | Influent WasteWater                                                                                                                                           |
| <b>Date Analysis Commenced</b> | Dec 08, 2023                                                                                                                                                  |
| <b>Condition of Sample</b>     | Contained in two BOD bottles, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |
| <b>Physical Property</b>       | Yellow, a lot of odour, solid and turbid                                                                                                                      |

| Analyte                         | Unit      | LOD  | LOQ (LOR) | Result    | Method                                                                                                                                                  | Testing Location |
|---------------------------------|-----------|------|-----------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Microbiological Testing</b>  |           |      |           |           |                                                                                                                                                         |                  |
| Total Coliform                  | MPN/100mL | -    | -         | 7900000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B                                             | Songkhla         |
| <b>Water Testing</b>            |           |      |           |           |                                                                                                                                                         |                  |
| BOD *                           | mg/L      | -    | 2         | 107       | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B                                    | Songkhla         |
| Dissolved Oxygen *              | mg/L      | -    | 0.1       | <0.1      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)                                         | Songkhla         |
| Mixed Liquor Suspended Solids * | mg/L      | -    | 5         | 174       | Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D                                    | Songkhla         |
| Oil & Grease                    | mg/L      | -    | 3         | 32        | In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B       | Songkhla         |
| pH at 25 degree C               |           | -    | -         | 7.2       | In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Songkhla         |
| Sulfide *                       | mg/L      | -    | 0.5       | 1.6       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)                                     | Songkhla         |
| Total Kjeldahl Nitrogen as N *  | mg/L      | 0.15 | 1.0       | 50.7      | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)                                      | Bangkok          |
| Total Suspended Solids          | mg/L      | -    | 5         | 174       | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D                                             | Songkhla         |

**Note :** สารที่ละลายได้ทั้งหมดในน้ำใช้ = 283 mg/L

**Sampling By :** Yuttapong Rattana , Thaksin Aintrom

Remark :  
- LOD : Limit of Detection

Approved by

Tuanjai Thangklang  
Manager

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## Analysis / Test Report

TESTING  
No.0166

**Client :** Kamala Bay Ventures Co., Ltd.  
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

**P/O :**  
**Project Name :**  
**Project Location :**

**Lot ID: 23134553**

Date Received : Dec 09, 2023

Date Reported : Dec 19, 2023

Report Number : 2867366-1

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