

ภาคผนวก ค  
รายงานผลการตรวจวัดคุณภาพน้ำ

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รายงานผลการตรวจวัดคุณภาพน้ำ  
เดือนกรกฎาคม พ.ศ. 2566

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## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม  
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2566

**CUSTOMER NAME** : L&H HOTEL MANAGEMENT COMPANY LIMITED

**ADDRESS** : 153/2 SOI MAHATLEK LUANG 1 RATCHADAMRI ROAD LUMPHINI PATHUM WAN BANGKOK 10330

**CONTACT INFORMATION** : TEL : 08 1926 3779 e-mail : pornchai.k@gcphotels.com

**SAMPLING SOURCE** : GRANDE CENTRE POINT HOTEL RATCHADAMRI

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

**SAMPLING DATE** : JULY 5, 2023

**SAMPLING TIME** : 14:40 HOUR

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

**SAMPLING BY <sup>c</sup>** : MR SUKSAN BOONLEANG

**ANALYZED BY** : MISS ITSARIYAPORN BUATIB

**RECEIVED DATE** : JULY 5, 2023

**ANALYTICAL DATE** : JULY 5-12, 2023

**REPORT NO.** : 2023-U059553

**WORK NO.** : 2022-008317

**ANALYSIS NO.** : T23AM803-0001

| PARAMETER   | UNIT       | METHOD OF ANALYSIS  | RESULT                         | REGULATORY STANDARD | DETECTION LIMIT |
|---|------------|---|--------------------------------|---------------------|-----------------|
|   |            |   | SWIMMING POOL<br>T23AM803-0001 |                     |                 |
| MICROBIOLOGY  |            |   |                                |                     |                 |
| COLIFORM BACTERIA <sup>b</sup>                        | MPN/100 mL | MULTIPLE-TUBE FERMENTATION<br>TECHNIQUE (SM: PART 9221 B) | < 1.1                          | < 10                | 1.1             |
| <i>E. coli</i> <sup>b</sup>                           | /100 mL    | FLUOROGENIC SUBSTRATE TEST (SM:<br>PART 9221 D AND F)     | NOT DETECTED                   | NOT DETECTED        | -               |
| STANDARD PLATE COUNT <sup>b</sup>                     | CFU/mL     | STANDARD PLATE COUNT (SM: PART 9215<br>B)                 | 37                             | -                   | 1               |
| SAMPLE CONDITION<br>WATER'S COLOUR/TURBID<br>SEDIMENT |            |   | COLOURLESS/CLEAR               |                     |                 |

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

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

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

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23<sup>rd</sup> EDITION, 2017.

REGULATORY STANDARD : BANGKOK METROPOLITAN REGULATIONS FOR THE BUSINESS DISTRIENTAL TO HEALTH, B.E. 2530 (1987).

(MISS CHAWEEWAN BOONLA)  
LABORATORY SUPERVISOR

JULY 20, 2023



## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม  
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2566

**CUSTOMER NAME** : L&H HOTEL MANAGEMENT COMPANY LIMITED

**ADDRESS** : 153/2 SOI MAHATLEK LUANG 1 RATCHADAMRI ROAD LUMPHINI PATHUM WAN BANGKOK 10330

**CONTACT INFORMATION** : TEL : 08 1926 3779 e-mail : pornchai.k@gcphotels.com

**SAMPLING SOURCE** : GRANDE CENTRE POINT HOTEL RATCHADAMRI

**SAMPLE TYPE** : WATER SUPPLY

**SAMPLING DATE** : JULY 5, 2023

**SAMPLING TIME** : 14:30 HOUR

**SAMPLING METHOD \*** : STERILE TECHNIQUE

**SAMPLING BY \*** : MR SUKSAN BOONLEANG

**ANALYZED BY** : MISS WIPHAPHORN SAENG SOPHA

**RECEIVED DATE** : JULY 5, 2023

**ANALYTICAL DATE** : JULY 5-13, 2023

**REPORT NO.** : 2023-U059556

**WORK NO.** : 2022-008317

**ANALYSIS NO.** : T23AM803-0002

| PARAMETER             | UNIT  | METHOD OF ANALYSIS    | RESULT                     |
|-----------------------|-------|-----------------------|----------------------------|
|                       |       |                       | ROOF TANK<br>T23AM803-0002 |
| MICROBIOLOGY          |       |                       |                            |
| Legionella spp. #     | CFU/L | ISO 11731:2017-05 (E) | NOT DETECTED               |
| SAMPLE CONDITION      |       |                       | COLOURLESS/CLEAR           |
| WATER'S COLOUR/TURBID |       |                       |                            |
| SEDIMENT              |       |                       |                            |

# : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)  
\* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

(MISS CHAWEEWAN BOONLA)  
LABORATORY SUPERVISOR

JULY 20, 2023



## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม  
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2566

**CUSTOMER NAME** : L&H HOTEL MANAGEMENT COMPANY LIMITED

**ADDRESS** : 153/2 SOI MAHATLEK LUANG 1 RATCHADAMRI ROAD LUMPHINI PATHUM WAN BANGKOK 10330

**CONTACT INFORMATION** : TEL : 08 1926 3779 e-mail : pornchai.k@gcphotels.com

**SAMPLING SOURCE** : GRANDE CENTRE POINT HOTEL RATCHADAMRI

**SAMPLE TYPE** : WATER SUPPLY **RECEIVED DATE** : JULY 5, 2023

**SAMPLING DATE** : JULY 5, 2023 **ANALYTICAL DATE** : JULY 5-13, 2023

**SAMPLING TIME** : 14:35 HOUR **REPORT NO.** : 2023-U059558

**SAMPLING METHOD \*** : STERILE TECHNIQUE **WORK NO.** : 2022-008317

**SAMPLING BY \*** : MR SUKSAN BOONLEANG **ANALYSIS NO.** : T23AM803-0003

**ANALYZED BY** : MISS WIPHAPHORN SAENG SOPHA

| PARAMETER   | UNIT  | METHOD OF ANALYSIS    | RESULT                              |
|---|-------|-----------------------|-------------------------------------|
|   |       |                       | GUEST ROOM NO.3115<br>T23AM803-0003 |
| MICROBIOLOGY  |       |                       |                                     |
| Legionella spp. #                                     | CFU/L | ISO 11731:2017-05 (E) | NOT DETECTED                        |
| SAMPLE CONDITION<br>WATER'S COLOUR/TURBID<br>SEDIMENT |       |                       | COLOURLESS/CLEAR                    |

# : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF MEDICAL SCIENCE (DMSC)  
\* : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED



(MISS CHAWEEWAN BOONLA)  
LABORATORY SUPERVISOR

JULY 20, 2023



รายงานผลการตรวจวัดคุณภาพน้ำ  
เดือนสิงหาคม พ.ศ. 2566

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## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม  
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2566

**CUSTOMER NAME** : L&H HOTEL MANAGEMENT COMPANY LIMITED

**ADDRESS** : 153/2 SOI MAHATLEK LUANG 1 RATCHADAMRI ROAD LUMPHINI PATHUM WAN BANGKOK 10330

**CONTACT INFORMATION** : TEL : 08 1926 3779 e-mail : pornchai.k@gcphotels.com

**SAMPLING SOURCE** : GRANDE CENTRE POINT HOTEL RATCHADAMRI

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

**SAMPLING DATE** : AUGUST 16, 2023

**SAMPLING TIME** : 14:15 HOUR

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

**SAMPLING BY <sup>c</sup>** : MR SUKSAN BOONLEANG

**ANALYZED BY** : MISS ITSARIYAPORN BUATIB

**RECEIVED DATE** : AUGUST 16, 2023

**ANALYTICAL DATE** : AUGUST 16-20, 2023

**REPORT NO.** : 2023-U069219

**WORK NO.** : 2022-008317

**ANALYSIS NO.** : T23AP768-0001

| PARAMETER                         | UNIT       | METHOD OF ANALYSIS                                    | RESULT                         | REGULATORY STANDARD | DETECTION LIMIT |
|-----------------------------------|------------|---|--------------------------------|---------------------|-----------------|
|                                   |            |   | SWIMMING POOL<br>T23AP768-0001 |                     |                 |
| MICROBIOLOGY                      |            |   |                                |                     |                 |
| COLIFORM BACTERIA <sup>b</sup>    | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B) | < 1.1                          | < 10                | 1.1             |
| <i>E. coli</i> <sup>b</sup>       | /100 mL    | FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)     | NOT DETECTED                   | NOT DETECTED        | -               |
| STANDARD PLATE COUNT <sup>b</sup> | CFU/mL     | STANDARD PLATE COUNT (SM: PART 9215 B)                | 1.4x10 <sup>3</sup>            | -                   | 1               |
| SAMPLE CONDITION                  |            |   |                                |                     |                 |
| WATER'S COLOUR/TURBID SEDIMENT    |            |   | COLOURLESS/CLEAR               |                     |                 |
|                                   |            |   | -                              |                     |                 |

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

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

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

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23<sup>rd</sup> EDITION, 2017.

REGULATORY STANDARD : BANGKOK METROPOLITAN REGULATIONS FOR THE BUSINESS DISTRIENTAL TO HEALTH, B.E. 2530 (1987).



(MISS CHAWEEWAN BOONLA)  
LABORATORY SUPERVISOR

AUGUST 22, 2023



รายงานผลการตรวจวัดคุณภาพน้ำ  
เดือนกันยายน พ.ศ. 2566

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## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม  
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2566

**CUSTOMER NAME** : L&H HOTEL MANAGEMENT COMPANY LIMITED

**ADDRESS** : 153/2 SOI MAHATLEK LUANG 1 RATCHADAMRI ROAD LUMPHINI PATHUM WAN BANGKOK 10330

**CONTACT INFORMATION** : TEL : 08 1926 3779 e-mail : pornchai.k@gcphotels.com

**SAMPLING SOURCE** : GRANDE CENTRE POINT HOTEL RATCHADAMRI

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

**SAMPLING DATE** : SEPTEMBER 6, 2023

**SAMPLING TIME** : 13:30 HOUR

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

**SAMPLING BY <sup>c</sup>** : MR SUKSAN BOONLEANG

**ANALYZED BY** : MISS ITSARIYAPORN BUATIB

**RECEIVED DATE** : SEPTEMBER 6, 2023

**ANALYTICAL DATE** : SEPTEMBER 6-12, 2023

**REPORT NO.** : 2023-U076479

**WORK NO.** : 2022-008317

**ANALYSIS NO.** : T23AR460-0001

| PARAMETER                         | UNIT       | METHOD OF ANALYSIS  | RESULT                         | REGULATORY STANDARD | DETECTION LIMIT |
|-----------------------------------|------------|---|--------------------------------|---------------------|-----------------|
|                                   |            |   | SWIMMING POOL<br>T23AR460-0001 |                     |                 |
| MICROBIOLOGY                      |            |   |                                |                     |                 |
| COLIFORM BACTERIA <sup>b</sup>    | MPN/100 mL | MULTIPLE-TUBE FERMENTATION<br>TECHNIQUE (SM: PART 9221 B) | < 1.1                          | < 10                | 1.1             |
| <i>E. coli</i> <sup>b</sup>       | /100 mL    | FLUOROGENIC SUBSTRATE TEST (SM:<br>PART 9221 D AND F)     | NOT DETECTED                   | NOT DETECTED        | -               |
| STANDARD PLATE COUNT <sup>b</sup> | CFU/mL     | STANDARD PLATE COUNT (SM: PART 9215<br>B)                 | 1.8x10 <sup>3</sup>            | -                   | 1               |
| SAMPLE CONDITION                  |            |   |                                |                     |                 |
| WATER'S COLOUR/TURBID<br>SEDIMENT |            |   | COLOURLESS/CLEAR<br><br>-      |                     |                 |

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

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

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

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23<sup>rd</sup> EDITION, 2017.

REGULATORY STANDARD : BANGKOK METROPOLITAN REGULATIONS FOR THE BUSINESS DISTRIEMENTAL TO HEALTH, B.E. 2530 (1987).

(MISS CHAWEEWAN BOONLA)  
LABORATORY SUPERVISOR

SEPTEMBER 14, 2023



รายงานผลการตรวจวัดคุณภาพน้ำ  
เดือนตุลาคม พ.ศ. 2566

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## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม  
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2566  
**CUSTOMER NAME** : L&H HOTEL MANAGEMENT COMPANY LIMITED  
**ADDRESS** : 153/2 SOI MAHATLEK LUANG 1 RATCHADAMRI ROAD LUMPHINI PATHUM WAN BANGKOK 10330  
**CONTACT INFORMATION** : TEL : 0 2091 9000, 08 6901 0182 e-mail : phatsakon.c@gcphotels.com  
**SAMPLING SOURCE** : GRANDE CENTRE POINT HOTEL RATCHADAMRI  
**SAMPLE TYPE** : WATER SAMPLE FROM SWIMMING POOL  
**SAMPLING DATE** : OCTOBER 4, 2023  
**SAMPLING TIME** : 13:30 HOUR  
**SAMPLING METHOD <sup>c</sup>** : GRAB AND STERILE TECHNIQUE  
**SAMPLING BY <sup>c</sup>** : MR SUKSAN BOONLEANG  
**ANALYZED BY** : MISS ITSARIYAPORN BUATIB

**RECEIVED DATE** : OCTOBER 4, 2023  
**ANALYTICAL DATE** : OCTOBER 4-9, 2023  
**REPORT NO.** : 2023-U086479  
**WORK NO.** : 2022-008317  
**ANALYSIS NO.** : T23AT712-0001

| PARAMETER                         | UNIT       | METHOD OF ANALYSIS                                     | RESULT                         | REGULATORY STANDARD | DETECTION LIMIT |
|-----------------------------------|------------|--|--------------------------------|---------------------|-----------------|
|                                   |            |  | SWIMMING POOL<br>T23AT712-0001 |                     |                 |
| MICROBIOLOGY                      |            |  |                                |                     |                 |
| COLIFORM BACTERIA <sup>b</sup>    | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B) | < 1.1                          | < 10                | 1.1             |
| <i>E. coli</i> <sup>b</sup>       | /100 mL    | FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)     | NOT DETECTED                   | NOT DETECTED        | -               |
| STANDARD PLATE COUNT <sup>b</sup> | CFU/mL     | STANDARD PLATE COUNT (SM: PART 9215 B)                 | 8.0x10 <sup>2</sup>            | -                   | 1               |
| SAMPLE CONDITION                  |            |  |                                |                     |                 |
| WATER'S COLOUR/TURBID SEDIMENT    |            |  | COLOURLESS/CLEAR               |                     |                 |
|                                   |            |  | -                              |                     |                 |

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

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

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

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23<sup>rd</sup> EDITION, 2017.

REGULATORY STANDARD : BANGKOK METROPOLITAN REGULATIONS FOR THE BUSINESS DISTRIEMENTAL TO HEALTH, B.E. 2530 (1987).

(MISS CHAWEEWAN BOONLA)  
LABORATORY SUPERVISOR

OCTOBER 12, 2023



รายงานผลการตรวจวัดคุณภาพน้ำ  
เดือนพฤศจิกายน พ.ศ. 2566

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## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม  
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2566  
**CUSTOMER NAME** : L&H HOTEL MANAGEMENT COMPANY LIMITED  
**ADDRESS** : 153/2 SOI MAHATLEK LUANG 1 RATCHADAMRI ROAD LUMPHINI PATHUM WAN BANGKOK 10330  
**CONTACT INFORMATION** : TEL : 0 2091 9000, 08 6901 0182 e-mail : phatsakon.c@gcphotels.com  
**SAMPLING SOURCE** : GRANDE CENTRE POINT HOTEL RATCHADAMRI  
**SAMPLE TYPE** : WATER SAMPLE FROM SWIMMING POOL  
**SAMPLING DATE** : NOVEMBER 1, 2023  
**SAMPLING TIME** : 13:50 HOUR  
**SAMPLING METHOD <sup>c</sup>** : GRAB AND STERILE TECHNIQUE  
**SAMPLING BY <sup>c</sup>** : MR SUKSAN BOONLEANG  
**ANALYZED BY** : MISS ITSARIYAPORN BUATIB

**RECEIVED DATE** : NOVEMBER 1, 2023  
**ANALYTICAL DATE** : NOVEMBER 1-7, 2023  
**REPORT NO.** : 2023-U096893  
**WORK NO.** : 2022-008317  
**ANALYSIS NO.** : T23AV714-0001

| PARAMETER                         | UNIT       | METHOD OF ANALYSIS                                     | RESULT                      | REGULATORY STANDARD | DETECTION LIMIT |
|-----------------------------------|------------|--|-----------------------------|---------------------|-----------------|
|                                   |            |  | SWIMMING POOL T23AV714-0001 |                     |                 |
| MICROBIOLOGY                      |            |  |                             |                     |                 |
| COLIFORM BACTERIA <sup>b</sup>    | MPN/100 mL | MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B) | < 1.1                       | < 10                | 1.1             |
| <i>E. coli</i> <sup>b</sup>       | /100 mL    | FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)     | NOT DETECTED                | NOT DETECTED        | -               |
| STANDARD PLATE COUNT <sup>b</sup> | CFU/mL     | STANDARD PLATE COUNT (SM: PART 9215 B)                 | 9.9x10 <sup>2</sup>         | -                   | 1               |
| SAMPLE CONDITION                  |            |  |                             |                     |                 |
| WATER'S COLOUR/TURBID             |            |  | COLOURLESS/CLEAR            |                     |                 |
| SEDIMENT                          |            |  | -                           |                     |                 |

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

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

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

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23<sup>rd</sup> EDITION, 2017.

REGULATORY STANDARD : BANGKOK METROPOLITAN REGULATIONS FOR THE BUSINESS DISTRIMENTAL TO HEALTH, B.E. 2530 (1987).



(MISS CHAWEEWAN BOONLA)  
LABORATORY SUPERVISOR

NOVEMBER 13, 2023



รายงานผลการตรวจวัดคุณภาพน้ำ  
เดือนธันวาคม พ.ศ. 2566

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## ANALYSIS REPORT

**PROJECT NAME** : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม  
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2566

**CUSTOMER NAME** : L&H HOTEL MANAGEMENT COMPANY LIMITED

**ADDRESS** : 153/2 SOI MAHATLEK LUANG 1 RATCHADAMRI ROAD LUMPHINI PATHUM WAN BANGKOK 10330

**CONTACT INFORMATION** : TEL : 0 2091 9000, 08 6901 0182 e-mail : phatsakon.c@gcphotels.com

**SAMPLING SOURCE** : GRANDE CENTRE POINT HOTEL RATCHADAMRI

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

**SAMPLING DATE** : DECEMBER 6, 2023

**SAMPLING TIME** : 13:10 HOUR

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

**SAMPLING BY <sup>c</sup>** : MR SUKSAN BOONLEANG

**ANALYZED BY** : MISS ITSARIYAPORN BUATIB

**RECEIVED DATE** : DECEMBER 6, 2023

**ANALYTICAL DATE** : DECEMBER 6-11, 2023

**REPORT NO.** : 2023-U107936

**WORK NO.** : 2022-008317

**ANALYSIS NO.** : T23AY347-0001

| PARAMETER                         | UNIT       | METHOD OF ANALYSIS  | RESULT                         | REGULATORY STANDARD | DETECTION LIMIT |
|-----------------------------------|------------|---|--------------------------------|---------------------|-----------------|
|                                   |            |   | SWIMMING POOL<br>T23AY347-0001 |                     |                 |
| MICROBIOLOGY                      |            |   |                                |                     |                 |
| COLIFORM BACTERIA <sup>b</sup>    | MPN/100 mL | MULTIPLE-TUBE FERMENTATION<br>TECHNIQUE (SM: PART 9221 B) | < 1.1                          | < 10                | 1.1             |
| <i>E. coli</i> <sup>b</sup>       | /100 mL    | FLUOROGENIC SUBSTRATE TEST (SM:<br>PART 9221 D AND F)     | NOT DETECTED                   | NOT DETECTED        | -               |
| STANDARD PLATE COUNT <sup>b</sup> | CFU/mL     | STANDARD PLATE COUNT (SM: PART 9215<br>B)                 | 4.7x10 <sup>4</sup>            | -                   | 1               |
| SAMPLE CONDITION                  |            |   |                                |                     |                 |
| WATER'S COLOUR/TURBID<br>SEDIMENT |            |   | COLOURLESS/CLEAR<br>-          |                     |                 |

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

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

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

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23<sup>rd</sup> EDITION, 2017.

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DECEMBER 18, 2023

