

ภาคผนวก ค
รายงานผลการตรวจวัดคุณภาพน้ำ

รายงานผลการตรวจวัดคุณภาพน้ำ
เดือนมกราคม พ.ศ. 2567

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2567
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 : JANUARY 18, 2024
SAMPLING TIME : 14:30 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR SUKSAN BOONLEANG
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : JANUARY 18, 2024
ANALYTICAL DATE : JANUARY 18-22, 2024
REPORT NO. : 2024-U007808
WORK NO. : 2023-006133
ANALYSIS NO. : T24AB089-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T24AB089-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
STANDARD PLATE COUNT ^b	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	1.1x10 ²	-	1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		
			-		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

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

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

JANUARY 30, 2024



ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2567

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 SUPPLY **RECEIVED DATE** : JANUARY 18, 2024

SAMPLING DATE : JANUARY 18, 2024 **ANALYTICAL DATE** : JANUARY 18-29, 2024

SAMPLING TIME : 14:25 HOUR **ISSUE DATE** : JANUARY 30, 2024

SAMPLING METHOD * : STERILE TECHNIQUE **REPORT NO.** : 2024-U007809

SAMPLING BY * : MR SUKSAN BOONLEANG **WORK NO.** : 2023-006133

ANALYZED BY : MR PITTAPAN LAEKOD **ANALYSIS NO.** : T24AB089-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			ROOF TANK T24AB089-0002	
MICROBIOLOGY				
Legionella spp.	CFU/L	ISO 11731:2017-05 (E)	NOT DETECTED	100
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			BLACK	

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.

[Redacted Signature]

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

JANUARY 30, 2024



ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2567

CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED

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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 SUPPLY **RECEIVED DATE** : JANUARY 18, 2024

SAMPLING DATE : JANUARY 18, 2024 **ANALYTICAL DATE** : JANUARY 18-29, 2024

SAMPLING TIME : 14:20 HOUR **ISSUE DATE** : JANUARY 30, 2024

SAMPLING METHOD * : STERILE TECHNIQUE **REPORT NO.** : 2024-U007810

SAMPLING BY * : MR SUKSAN BOONLEANG **WORK NO.** : 2023-006133

ANALYZED BY : MR PITTAPAN LAEKOOD **ANALYSIS NO.** : T24AB089-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			GUEST ROOM NO.1207 T24AB089-0003	
MICROBIOLOGY				
Legionella spp.	CFU/L	ISO 11731:2017-05 (E)	NOT DETECTED	100
SAMPLE CONDITION				
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR	

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.



(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

JANUARY 30, 2024



รายงานผลการตรวจวัดคุณภาพน้ำ
เดือนกุมภาพันธ์ พ.ศ. 2567

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2567
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 : FEBRUARY 7, 2024
SAMPLING TIME : 14:15 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR SUKSAN BOONLEANG
ANALYZED BY : MISS SALISA KAMWANNA
RECEIVED DATE : FEBRUARY 8, 2024
ANALYTICAL DATE : FEBRUARY 8-12, 2024
ISSUE DATE : FEBRUARY 13, 2024
REPORT NO. : 2024-U012161
WORK NO. : 2023-006133
ANALYSIS NO. : T24AC467-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T24AC467-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
STANDARD PLATE COUNT ^b	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	4.8x10 ²	-	1
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

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

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

FEBRUARY 13, 2024



รายงานผลการตรวจวัดคุณภาพน้ำ
เดือนมีนาคม พ.ศ. 2567

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2567
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 : MARCH 6, 2024
SAMPLING TIME : 14:00 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR SUKSAN BOONLEANG
ANALYZED BY : MISS SALISA KAMWANNA
RECEIVED DATE : MARCH 7, 2024
ANALYTICAL DATE : MARCH 7-11, 2024
ISSUE DATE : MARCH 14, 2024
REPORT NO. : 2024-U021017
WORK NO. : 2023-006133
ANALYSIS NO. : T24AE606-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T24AE606-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
STANDARD PLATE COUNT ^b	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	1.3x10 ⁴	-	1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

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

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

MARCH 14, 2024



รายงานผลการตรวจวัดคุณภาพน้ำ
เดือนเมษายน พ.ศ. 2567

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2567

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 : APRIL 3, 2024

SAMPLING TIME : 14:00 HOUR

SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE

SAMPLING BY ^c : MR SUKSAN BOONLEANG

ANALYZED BY : MISS SALISA KAMWANNA

RECEIVED DATE : APRIL 3, 2024

ANALYTICAL DATE : APRIL 3-9, 2024

ISSUE DATE : APRIL 10, 2024

REPORT NO. : 2024-U030460

WORK NO. : 2023-006133

ANALYSIS NO. : T24AH062-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T24AH062-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
STANDARD PLATE COUNT ^b	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	1.1x10 ³	-	1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

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

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

APRIL 10, 2024



รายงานผลการตรวจวัดคุณภาพน้ำ
เดือนพฤษภาคม พ.ศ. 2567

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2567

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 : MAY 3, 2024

SAMPLING TIME : 14:40 HOUR

SAMPLING METHOD : GRAB AND STERILE TECHNIQUE

SAMPLING BY : MR SUKSAN BOONLEANG

ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : MAY 3, 2024

ANALYTICAL DATE : MAY 3-9, 2024

ISSUE DATE : MAY 13, 2024

REPORT NO. : 2024-U039947

WORK NO. : 2023-006133

ANALYSIS NO. : T24AJ319-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T24AJ319-0001		
MICROBIOLOGY					
COLIFORM BACTERIA	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
<i>E. coli</i>	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
STANDARD PLATE COUNT	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	9.0x10 ⁴	-	1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

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

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

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR



รายงานผลการตรวจวัดคุณภาพน้ำ
เดือนมิถุนายน พ.ศ. 2567

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
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CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
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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 **RECEIVED DATE** : JUNE 5, 2024
SAMPLING DATE : JUNE 5, 2024 **ANALYTICAL DATE** : JUNE 5-12, 2024
SAMPLING TIME : 15:00 HOUR **ISSUE DATE** : JUNE 17, 2024
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE **REPORT NO.** : 2024-U052635
SAMPLING BY ^c : MR SUKSAN BOONLEANG **WORK NO.** : 2023-006133
ANALYZED BY : MISS JITSAMON NGAMKANA **ANALYSIS NO.** : T24AM117-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T24AM117-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
STANDARD PLATE COUNT ^b	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	1.7x10 ⁵	-	1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

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^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

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

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

