ภาคผนวก ค
ใบรายงานผลการวิเคราะห์คุณภาพน้ำสระว่ายน้ำ

ค 1 ใบรายงานผลวิเคราะห์คุณภาพน้ำน้ำสระว่ายน้ำ เดือนมกราคม พ.ศ. 2569

ค 2 ใบรายงานผลวิเคราะห์คุณภาพน้ำน้ำสระว่ายน้ำ เดือนกุมภาพันธ์ พ.ศ. 2569

ค 3 ใบรายงานผลวิเคราะห์คุณภาพน้ำน้ำสระว่ายน้ำ เดือนมีนาคม พ.ศ. 2569

ค 4 ใบรายงานผลวิเคราะห์คุณภาพน้ำน้ำสระว่ายน้ำ เดือนเมษายน พ.ศ. 2569

ค 5 ใบรายงานผลวิเคราะห์คุณภาพน้ำน้ำสระว่ายน้ำ เดือนพฤษภาคม พ.ศ. 2569

ค 6 ใบรายงานผลวิเคราะห์คุณภาพน้ำน้ำสระว่ายน้ำ เดือนมิถุนายน พ.ศ. 2569

ค 7 ใบรายงานผลการวิเคราะห์คุณภาพน้ำหอระบายความร้อน (Cooling Tower)

Grande Centre Point
LUMPHINI · BANGKOK

ภาคผนวก ค 1

ใบรายงานผลวิเคราะห์คุณภาพน้ำน้ำสระว่ายน้ำ

เดือนมกราคม พ.ศ. 2569

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0063

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 0 2091 9000, 08 6901 0182 e-mail : phatsakon.c@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
RECEIVED DATE : JANUARY 13, 2026
SAMPLING DATE : JANUARY 13, 2026
ANALYTICAL DATE : JANUARY 13-18, 2026
SAMPLING TIME : 11:45 HOUR
ISSUE DATE : JANUARY 27, 2026
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
REPORT NO. : 2026-U006425
SAMPLING BY [c] : MR SUKSAN BOONLEANG
WORK NO. : 2025-006636
ANALYZED BY : MISS CHATTRAPORN RATCHANET
ANALYSIS NO. : T26AA545-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T26AA545-0001		
MICROBIOLOGY					
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

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

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

[redacted]
(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 0 2091 9000, 08 6901 0182 e-mail : phatsakon.c@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JANUARY 13, 2026
SAMPLING TIME : 11:40 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR SUKSAN BOONLEANG
ANALYZED BY : MISS CHATTRAPORN RATCHANET

RECEIVED DATE : JANUARY 13, 2026
ANALYTICAL DATE : JANUARY 13-18, 2026
ISSUE DATE : JANUARY 27, 2026
REPORT NO. : 2026-U006426
WORK NO. : 2025-006636
ANALYSIS NO. : T26AA545-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT SWIMMING POOL (DEEP ZONE) T26AA545-0002	REGULATORY STANDARD	DETECTION LIMIT
MICROBIOLOGY					
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

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

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

[redacted]

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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LUMPHINI · BANGKOK

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เดือนกุมภาพันธ์ พ.ศ. 2569

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TESTING No.0063

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 0 2091 9000, 08 6901 0182 e-mail : phatsakon.c@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : FEBRUARY 4, 2026
SAMPLING TIME : 14:00 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR SUKSAN BOONLEANG
ANALYZED BY : MR RATCHATA THONGPIYAPOOM

RECEIVED DATE : FEBRUARY 4, 2026
ANALYTICAL DATE : FEBRUARY 4-9, 2026
ISSUE DATE : FEBRUARY 13, 2026
REPORT NO. : 2026-U011474
WORK NO. : 2025-006636
ANALYSIS NO. : T26AC212-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T26AC212-0001		
MICROBIOLOGY					
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.
REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.
< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

[redacted]
(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 0 2091 9000, 08 6901 0182 e-mail : phatsakon.c@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : FEBRUARY 4, 2026
SAMPLING TIME : 14:05 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR SUKSAN BOONLEANG
ANALYZED BY : MR RATCHATA THONGPIYAPOOM

RECEIVED DATE : FEBRUARY 4, 2026
ANALYTICAL DATE : FEBRUARY 4-9, 2026
ISSUE DATE : FEBRUARY 13, 2026
REPORT NO. : 2026-U011476
WORK NO. : 2025-006636
ANALYSIS NO. : T26AC212-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT SWIMMING POOL (DEEP ZONE) T26AC212-0002	REGULATORY STANDARD	DETECTION LIMIT
MICROBIOLOGY					
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

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

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

[redacted]

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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TESTING No.0063

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 0 2091 9000, 08 6901 0182 e-mail : phatsakon.c@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MARCH 4, 2026
SAMPLING TIME : 14:15 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR SUKSAN BOONLEANG
ANALYZED BY : MISS BUSSAKORN MAJAI

RECEIVED DATE : MARCH 4, 2026
ANALYTICAL DATE : MARCH 4-11, 2026
ISSUE DATE : MARCH 16, 2026
REPORT NO. : 2026-U019039
WORK NO. : 2025-006636
ANALYSIS NO. : T26AE367-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT SWIMMING POOL (SHALLOW ZONE) T26AE367-0001	REGULATORY STANDARD	DETECTION LIMIT
MICROBIOLOGY					
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

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

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

[redacted]
(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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TESTING No.0063

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 0 2091 9000, 08 6901 0182 e-mail : phatsakon.c@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MARCH 4, 2026
SAMPLING TIME : 14:10 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR SUKSAN BOONLEANG
ANALYZED BY : MISS BUSSAKORN MAJAI

RECEIVED DATE : MARCH 4, 2026
ANALYTICAL DATE : MARCH 4-11, 2026
ISSUE DATE : MARCH 16, 2026
REPORT NO. : 2026-U019040
WORK NO. : 2025-006636
ANALYSIS NO. : T26AE367-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT SWIMMING POOL (DEEP ZONE) T26AE367-0002	REGULATORY STANDARD	DETECTION LIMIT
MICROBIOLOGY					
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.
REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.
< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

[redacted]
(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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เดือนเมษายน พ.ศ. 2569

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TESTING No.0063

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569

CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED

ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120

CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : asst.engmgr_lumphini@gcphotels.com

SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI

SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL

SAMPLING DATE : APRIL 8, 2026

SAMPLING TIME : 11:50 HOUR

SAMPLING METHOD [c] : GRAB, GRAB AND STERILE TECHNIQUE

SAMPLING BY [c] : MR SUKSAN BOONLEANG

ANALYZED BY : MISS SUJIRA PRASERTSUKHO

RECEIVED DATE : APRIL 8, 2026

ANALYTICAL DATE : APRIL 8-16, 2026

ISSUE DATE : APRIL 22, 2026

REPORT NO. : 2026-U031444

WORK NO. : 2025-006636

ANALYSIS NO. : T26AH613-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			SWIMMING POOL (SHALLOW ZONE) T26AH613-0001			
TOTAL ALKALINITY[c]	mg/L as $CaCO_3$	TITRATION METHOD (SM: PART 2320 B)	39.2	80-100	-	-
CALCIUM HARDNESS[c]	mg/L as $CaCO_3$	EDTA TITRIMETRIC METHOD (SM: PART 3500-Ca B)	172	250-600	1.0	4.0
CHLORIDE[c]	mg/L Cl^-	ARGENTOMETRIC METHOD (SM: 4500-Cl^- B)	3,278	≤ 600	0.5	2.0
AMMONIA[c]	mg/L NH_3	PHENATE METHOD (SM: PART 4500-NH_3 F)	0.26	≤ 20	0.04	0.15
NITRATE[c]	mg/L NO_3^-	CADMIUM REDUCTION METHOD (SM: PART 4500-NO_3^- E)	616	≤ 50	0.09	0.50
CYANURIC ACID[c]	mg/L	TURBIDIMETRIC METHOD	ND	30-60	1	5
COMBINED CHLORINE[c]	mg/L Cl_2	DPD FERROUS TITRIMETRIC METHOD (SM: PART 4500-Cl F)	< 0.4	0.5-1.0	0.1	0.4
MICROBIOLOGY						
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1	-
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1	-
E. coli[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C, E AND F)	< 1.1	1/	1.1	-

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TESTING No.0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			SWIMMING POOL (SHALLOW ZONE) T26AH613-0001			
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR			
SEDIMENT			-			

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

[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

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

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

1/ : DISEASE-CAUSING BACTERIA IS NOT DETECTED.

ND : NOT DETECTED.

[redacted]

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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ISO/IEC 17025
Accreditation No. 1349/65

ANALYSIS REPORT

PROJECT NAME	: การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569		
CUSTOMER NAME	: L&H HOTEL MANAGEMENT COMPANY LIMITED		
ADDRESS	: NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120		
CONTACT INFORMATION	: TEL : 09 8445 2525 e-mail : asst.engmgr_lumphini@gcphotels.com		
SAMPLING SOURCE	: GRANDE CENTRE POINT HOTEL LUMPHINI		
SAMPLE TYPE	: WATER SAMPLE FROM SWIMMING POOL	**RECEIVED DATE**	: APRIL 8, 2026
SAMPLING DATE	: APRIL 8, 2026	**ANALYTICAL DATE**	: APRIL 8-13, 2026
SAMPLING TIME	: 11:50 HOUR	**ISSUE DATE**	: APRIL 22, 2026
SAMPLING METHOD *	: GRAB AND STERILE TECHNIQUE	**REPORT NO.**	: 2026-U031447
SAMPLING BY *	: MR SUKSAN BOONLEANG	**WORK NO.**	: 2025-006636
ANALYZED BY	: MR RATCHATA THONGPIYAPOOM	**ANALYSIS NO.**	: T26AH613-0003

PARAMETER	**UNIT**	**METHOD OF ANALYSIS**	**RESULT**	**REGULATORY STANDARD**
			SWIMMING POOL (SHALLOW ZONE) T26AH613-0003	
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

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.

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

[redacted]

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569

CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED

ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120

CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : asst.engmgr_lumphini@gcphotels.com

SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI

SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL

SAMPLING DATE : APRIL 8, 2026

SAMPLING TIME : 11:55 HOUR

SAMPLING METHOD [c] : GRAB, GRAB AND STERILE TECHNIQUE

SAMPLING BY [c] : MR SUKSAN BOONLEANG

ANALYZED BY : MISS SUJIRA PRASERTSUKHO

RECEIVED DATE : APRIL 8, 2026

ANALYTICAL DATE : APRIL 8-16, 2026

ISSUE DATE : APRIL 22, 2026

REPORT NO. : 2026-U031449

WORK NO. : 2025-006636

ANALYSIS NO. : T26AH613-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			SWIMMING POOL (DEEP ZONE) T26AH613-0002			
TOTAL ALKALINITY[c]	mg/L as $CaCO_3$	TITRATION METHOD (SM: PART 2320 B)	40.8	80-100	-	-
CALCIUM HARDNESS[c]	mg/L as $CaCO_3$	EDTA TITRIMETRIC METHOD (SM: PART 3500-Ca B)	166	250-600	1.0	4.0
CHLORIDE[c]	mg/L Cl^-	ARGENTOMETRIC METHOD (SM: 4500-Cl^- B)	3,424	≤ 600	0.5	2.0
AMMONIA[c]	mg/L NH_3	PHENATE METHOD (SM: PART 4500-NH_3 F)	1.03	≤ 20	0.04	0.15
NITRATE[c]	mg/L NO_3^-	CADMIUM REDUCTION METHOD (SM: PART 4500-NO_3^- E)	64.7	≤ 50	0.09	0.50
CYANURIC ACID[c]	mg/L	TURBIDIMETRIC METHOD	ND	30-60	1	5
COMBINED CHLORINE[c]	mg/L Cl_2	DPD FERROUS TITRIMETRIC METHOD (SM: PART 4500-Cl F)	< 0.4	0.5-1.0	0.1	0.4
MICROBIOLOGY						
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	>23	< 10	1.1	-
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	>23	NOT DETECTED	1.1	-
E. coli[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C, E AND F)	>23	1/	1.1	-

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			SWIMMING POOL (DEEP ZONE) T26AH613-0002			
Pseudomonas aeruginosa[c]	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR			
SEDIMENT			-			

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

[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

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

1/ : DISEASE-CAUSING BACTERIA IS NOT DETECTED.

ND : NOT DETECTED.

[redacted]

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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ISO/IEC 17025
Accreditation No. 1349/65

ANALYSIS REPORT

PROJECT NAME	: การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569		
CUSTOMER NAME	: L&H HOTEL MANAGEMENT COMPANY LIMITED		
ADDRESS	: NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120		
CONTACT INFORMATION	: TEL : 09 8445 2525 e-mail : asst.engmgr_lumphini@gcphotels.com		
SAMPLING SOURCE	: GRANDE CENTRE POINT HOTEL LUMPHINI		
SAMPLE TYPE	: WATER SAMPLE FROM SWIMMING POOL	**RECEIVED DATE**	: APRIL 8, 2026
SAMPLING DATE	: APRIL 8, 2026	**ANALYTICAL DATE**	: APRIL 8-13, 2026
SAMPLING TIME	: 11:55 HOUR	**ISSUE DATE**	: APRIL 22, 2026
SAMPLING METHOD *	: GRAB AND STERILE TECHNIQUE	**REPORT NO.**	: 2026-U031452
SAMPLING BY *	: MR SUKSAN BOONLEANG	**WORK NO.**	: 2025-006636
ANALYZED BY	: MR RATCHATA THONGPIYAPOOM	**ANALYSIS NO.**	: T26AH613-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT SWIMMING POOL (DEEP ZONE) T26AH613-0004	REGULATORY STANDARD
MICROBIOLOGY				
Staphylococcus aureus	/100 mL	STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER. APHA, AWWA, WEF. 24th EDITION, 2023. PART 9213 B.	NOT DETECTED	NOT DETECTED
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

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.

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

[redacted]

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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TESTING No.0063

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 0 2091 9000, 08 6901 0182 e-mail : phatsakon.c@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MAY 8, 2026
SAMPLING TIME : 10:35 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR SUKSAN BOONLEANG
ANALYZED BY : MR THEERAWAT BOONBUA

RECEIVED DATE : MAY 8, 2026
ANALYTICAL DATE : MAY 8-13, 2026
ISSUE DATE : MAY 20, 2026
REPORT NO. : 2026-U041059
WORK NO. : 2025-006636
ANALYSIS NO. : T26AJ913-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T26AJ913-0001		
MICROBIOLOGY					
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

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

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

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(MISS CHAWEEWAN BOONLA)
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ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 0 2091 9000, 08 6901 0182 e-mail : phatsakon.c@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MAY 8, 2026
SAMPLING TIME : 10:30 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR SUKSAN BOONLEANG
ANALYZED BY : MR THEERAWAT BOONBUA

RECEIVED DATE : MAY 8, 2026
ANALYTICAL DATE : MAY 8-13, 2026
ISSUE DATE : MAY 20, 2026
REPORT NO. : 2026-U041060
WORK NO. : 2025-006636
ANALYSIS NO. : T26AJ913-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT SWIMMING POOL (DEEP ZONE) T26AJ913-0002	REGULATORY STANDARD	DETECTION LIMIT
MICROBIOLOGY					
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

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

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

[redacted]

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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เดือนมิถุนายน พ.ศ. 2569

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TESTING No.0063

ANALYSIS REPORT

PROJECT NAME	: การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569		
CUSTOMER NAME	: L&H HOTEL MANAGEMENT COMPANY LIMITED		
ADDRESS	: NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120		
CONTACT INFORMATION	: TEL : 09 8445 2525 e-mail : asst.engmgr_lumphini@gcphotels.com		
SAMPLING SOURCE	: GRANDE CENTRE POINT HOTEL LUMPHINI		
SAMPLE TYPE	: WATER SAMPLE FROM SWIMMING POOL	**RECEIVED DATE**	: JUNE 9, 2026
SAMPLING DATE	: JUNE 9, 2026	**ANALYTICAL DATE**	: JUNE 9-16, 2026
SAMPLING TIME	: 14:00 HOUR	**ISSUE DATE**	: JUNE 24, 2026
SAMPLING METHOD [c]	: GRAB AND STERILE TECHNIQUE	**REPORT NO.**	: 2026-U055181
SAMPLING BY [c]	: MR SUKSAN BOONLEANG	**WORK NO.**	: 2025-006636
ANALYZED BY	: MISS SUJIRA PRASERTSUKHO	**ANALYSIS NO.**	: T26AM660-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT SWIMMING POOL (SHALLOW ZONE) T26AM660-0001	REGULATORY STANDARD	DETECTION LIMIT
MICROBIOLOGY					
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

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

[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

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

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

[redacted]

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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LABORATORY ACCREDITATION BLA-DSS

TESTING No.0063

ANALYSIS REPORT

PROJECT NAME	: การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569		
CUSTOMER NAME	: L&H HOTEL MANAGEMENT COMPANY LIMITED		
ADDRESS	: NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120		
CONTACT INFORMATION	: TEL : 09 8445 2525 e-mail : asst.engmgr_lumphini@gcphotels.com		
SAMPLING SOURCE	: GRANDE CENTRE POINT HOTEL LUMPHINI		
SAMPLE TYPE	: WATER SAMPLE FROM SWIMMING POOL	**RECEIVED DATE**	: JUNE 9, 2026
SAMPLING DATE	: JUNE 9, 2026	**ANALYTICAL DATE**	: JUNE 9-16, 2026
SAMPLING TIME	: 13:55 HOUR	**ISSUE DATE**	: JUNE 24, 2026
SAMPLING METHOD [c]	: GRAB AND STERILE TECHNIQUE	**REPORT NO.**	: 2026-U055182
SAMPLING BY [c]	: MR SUKSAN BOONLEANG	**WORK NO.**	: 2025-006636
ANALYZED BY	: MISS SUJIRA PRASERTSUKHO	**ANALYSIS NO.**	: T26AM660-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT SWIMMING POOL (DEEP ZONE) T26AM660-0002	REGULATORY STANDARD	DETECTION LIMIT
MICROBIOLOGY					
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

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

[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

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

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

[redacted]

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(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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(Cooling Tower)

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LABORATORY ACCREDITATION BLA-DSS
TESTING No.0063

ANALYSIS REPORT

PROJECT NAME	: การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569		
CUSTOMER NAME	: L&H HOTEL MANAGEMENT COMPANY LIMITED		
ADDRESS	: NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120		
CONTACT INFORMATION	: TEL : 09 8445 2525 e-mail : asst.engmgr_lumphini@gcphotels.com		
SAMPLING SOURCE	: GRANDE CENTRE POINT HOTEL LUMPHINI		
SAMPLE TYPE	: COOLING WATER	**RECEIVED DATE**	: JUNE 9, 2026
SAMPLING DATE	: JUNE 9, 2026	**ANALYTICAL DATE**	: JUNE 9-23, 2026
SAMPLING TIME	: 13:45 HOUR	**ISSUE DATE**	: JUNE 24, 2026
SAMPLING METHOD [c]	: GRAB AND STERILE TECHNIQUE	**REPORT NO.**	: 2026-U055188
SAMPLING BY [c]	: MR SUKSAN BOONLEANG	**WORK NO.**	: 2025-006636
ANALYZED BY	: MR THANAPOL GESAMOON	**ANALYSIS NO.**	: T26AM660-0003

PARAMETER	**UNIT**	**METHOD OF ANALYSIS**	**RESULT** จุดที่น้ำไหลเข้ามาเติมในระบบ **T26AM660-0003**	**DETECTION LIMIT**
pH[c]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H^+ B AND 1060 B	7.4 (30.8°C)	-
RESIDUAL CHLORINE[c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	0.1
MICROBIOLOGY				
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.8	1.8
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			WHITE	

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

[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

ND : NOT DETECTED.

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(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

PROJECT NAME	: การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569		
CUSTOMER NAME	: L&H HOTEL MANAGEMENT COMPANY LIMITED		
ADDRESS	: NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120		
CONTACT INFORMATION	: TEL : 09 8445 2525 e-mail : asst.engmgr_lumphini@gcphotels.com		
SAMPLING SOURCE	: GRANDE CENTRE POINT HOTEL LUMPHINI		
SAMPLE TYPE	: COOLING WATER	**RECEIVED DATE**	: JUNE 9, 2026
SAMPLING DATE	: JUNE 9, 2026	**ANALYTICAL DATE**	: JUNE 9-22, 2026
SAMPLING TIME	: 13:45 HOUR	**ISSUE DATE**	: JUNE 24, 2026
SAMPLING METHOD *	: GRAB AND STERILE TECHNIQUE	**REPORT NO.**	: 2026-U055189
SAMPLING BY *	: MR SUKSAN BOONLEANG	**WORK NO.**	: 2025-006636
ANALYZED BY	: MR THEERAWAT BOONBUA	**ANALYSIS NO.**	: T26AM660-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดที่น้ำไหลเข้ามาเติมในระบบ T26AM660-0003	REGULATORY STANDARD	DETECTION LIMIT
MICROBIOLOGY					
Legionella spp.	CFU/L	ISO 11731:2017-05 (E)	NOT DETECTED	NOT DETECTED	100
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			WHITE		

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.

REGULATORY STANDARD : ANNOUNCEMENT OF THE DEPARTMENT OF HEALTH (THAILAND), PRACTICE FOR THE CONTROL OF LEGIONELLA BACTERIA IN COOLING TOWERS, JANUARY 2001.

[redacted]

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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TESTING No.0063

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : asst.engmgr_lumphini@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : COOLING WATER
SAMPLING DATE : JUNE 9, 2026
SAMPLING TIME : 13:40 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR SUKSAN BOONLEANG
ANALYZED BY : MR THANAPOL GESAMOON

RECEIVED DATE : JUNE 9, 2026
ANALYTICAL DATE : JUNE 9-23, 2026
ISSUE DATE : JUNE 24, 2026
REPORT NO. : 2026-U055190
WORK NO. : 2025-006636
ANALYSIS NO. : T26AM660-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ในอ้างรองรับน้ำ T26AM660-0004	DETECTION LIMIT
pH[c]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H^+ B AND 1060 B	8.6 (30.3°C)	-
RESIDUAL CHLORINE[c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	0.1
MICROBIOLOGY				
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	17	1.8
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			WHITE	

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.
ND : NOT DETECTED.

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LABORATORY SUPERVISOR

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Accreditation No. 1349/65

ANALYSIS REPORT

PROJECT NAME	: การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569		
CUSTOMER NAME	: L&H HOTEL MANAGEMENT COMPANY LIMITED		
ADDRESS	: NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120		
CONTACT INFORMATION	: TEL : 09 8445 2525 e-mail : asst.engmgr_lumphini@gcphotels.com		
SAMPLING SOURCE	: GRANDE CENTRE POINT HOTEL LUMPHINI		
SAMPLE TYPE	: COOLING WATER	**RECEIVED DATE**	: JUNE 9, 2026
SAMPLING DATE	: JUNE 9, 2026	**ANALYTICAL DATE**	: JUNE 9-22, 2026
SAMPLING TIME	: 13:40 HOUR	**ISSUE DATE**	: JUNE 24, 2026
SAMPLING METHOD *	: GRAB AND STERILE TECHNIQUE	**REPORT NO.**	: 2026-U055191
SAMPLING BY *	: MR SUKSAN BOONLEANG	**WORK NO.**	: 2025-006636
ANALYZED BY	: MR THEERAWAT BOONBUA	**ANALYSIS NO.**	: T26AM660-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ในอ่างรองรับน้ำ T26AM660-0004	REGULATORY STANDARD	DETECTION LIMIT
MICROBIOLOGY					
Legionella spp.	CFU/L	ISO 11731:2017-05 (E)	NOT DETECTED	NOT DETECTED	100
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			WHITE		

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.

REGULATORY STANDARD : ANNOUNCEMENT OF THE DEPARTMENT OF HEALTH (THAILAND), PRACTICE FOR THE CONTROL OF LEGIONELLA BACTERIA IN COOLING TOWERS, JANUARY 2001.

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(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : asst.engmgr_lumphini@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : COOLING WATER
SAMPLING DATE : JUNE 9, 2026
SAMPLING TIME : 13:50 HOUR
SAMPLING METHOD [c] : GRAB AND STERILE TECHNIQUE
SAMPLING BY [c] : MR SUKSAN BOONLEANG
ANALYZED BY : MR THANAPOL GESAMOON

RECEIVED DATE : JUNE 9, 2026
ANALYTICAL DATE : JUNE 9-23, 2026
ISSUE DATE : JUNE 24, 2026
REPORT NO. : 2026-U055192
WORK NO. : 2025-006636
ANALYSIS NO. : T26AM660-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ท่อน้ำทิ้งจากหอผึ่งเย็น T26AM660-0005	DETECTION LIMIT
pH[c]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H^+ B AND 1060 B	8.6 (30.3°C)	-
RESIDUAL CHLORINE[c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	0.1
MICROBIOLOGY				
TOTAL COLIFORMS[b]	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.8	1.8
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			WHITE	

[b] : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.
ND : NOT DETECTED.

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(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

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ISO/IEC 17025
Accreditation No. 1349/65

ANALYSIS REPORT

PROJECT NAME	: การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2569		
CUSTOMER NAME	: L&H HOTEL MANAGEMENT COMPANY LIMITED		
ADDRESS	: NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120		
CONTACT INFORMATION	: TEL : 09 8445 2525 e-mail : asst.engmgr_lumphini@gcphotels.com		
SAMPLING SOURCE	: GRANDE CENTRE POINT HOTEL LUMPHINI		
SAMPLE TYPE	: COOLING WATER	**RECEIVED DATE**	: JUNE 9, 2026
SAMPLING DATE	: JUNE 9, 2026	**ANALYTICAL DATE**	: JUNE 9-22, 2026
SAMPLING TIME	: 13:50 HOUR	**ISSUE DATE**	: JUNE 24, 2026
SAMPLING METHOD *	: GRAB AND STERILE TECHNIQUE	**REPORT NO.**	: 2026-U055193
SAMPLING BY *	: MR SUKSAN BOONLEANG	**WORK NO.**	: 2025-006636
ANALYZED BY	: MR THEERAWAT BOONBUA	**ANALYSIS NO.**	: T26AM660-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT ท่อน้ำทิ้งจากหอผึ่งเป็น T26AM660-0005	REGULATORY STANDARD	DETECTION LIMIT
MICROBIOLOGY					
Legionella spp.	CFU/L	ISO 11731:2017-05 (E)	NOT DETECTED	NOT DETECTED	100
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			WHITE		

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.

REGULATORY STANDARD : ANNOUNCEMENT OF THE DEPARTMENT OF HEALTH (THAILAND), PRACTICE FOR THE CONTROL OF LEGIONELLA BACTERIA IN COOLING TOWERS, JANUARY 2001.

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LABORATORY SUPERVISOR

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