

ภาคผนวก ค

เอกสารประกอบมาตรการติดตามตรวจสอบ

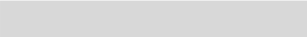
ผลกระทบสิ่งแวดล้อม



ภาคผนวก ค-1
ผลการตรวจวัดคุณภาพน้ำใช้



ANALYSIS REPORT

CUSTOMER NAME : ARTEMIS BANGKOK JURISTIC PERSON
ADDRESS : 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com
SAMPLING SOURCE : ARTEMIS BANGKOK JURISTIC PERSON
SAMPLE TYPE : WATER SUPPLY
MEASURING DATE : JANUARY 9, 2025
MEASURING TIME : 14:25 HOUR
SAMPLING METHOD : GRAB
MEASURED BY : 
RECEIVED DATE : -
ANALYTICAL DATE : -
ISSUE DATE : JANUARY 22, 2025
REPORT NO. : 2025-U004782
WORK NO. : 2024-010246
ANALYSIS NO. : T25AA392-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			ถังเก็บน้ำใต้ดิน T25AA392-0003		
FREE CHLORINE	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.4	0.2-2.0	0.1
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR 		

REGULATORY STANDARD : CRITERIA OF WATER SUPPLY QUALITY, NOTIFICATION OF THE METROPOLITAN WATERWORKS AUTHORITY,
B.E. 2565 (2022).

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LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : ARTEMIS BANGKOK JURISTIC PERSON
ADDRESS : 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com
SAMPLING SOURCE : ARTEMIS BANGKOK JURISTIC PERSON
SAMPLE TYPE : WATER SUPPLY
MEASURING DATE : JANUARY 9, 2025
MEASURING TIME : 14:10 HOUR
SAMPLING METHOD : GRAB
MEASURED BY :
RECEIVED DATE : -
ANALYTICAL DATE : -
ISSUE DATE : JANUARY 22, 2025
REPORT NO. : 2025-U004783
WORK NO. : 2024-010246
ANALYSIS NO. : T25AA392-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			ถังเก็บน้ำาดฟ้า T25AA392-0004		
FREE CHLORINE	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.2	0.2-2.0	0.1
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

REGULATORY STANDARD : CRITERIA OF WATER SUPPLY QUALITY, NOTIFICATION OF THE METROPOLITAN WATERWORKS AUTHORITY,
B.E. 2565 (2022).

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LABORATORY SUPERVISOR



ภาคผนวก ค-2
ผลการตรวจวัดคุณภาพน้ำทิ้ง



ANALYSIS REPORT

CUSTOMER NAME	: ARTEMIS BANGKOK JURISTIC PERSON	RECEIVED DATE	: JANUARY 9, 2025
ADDRESS	: 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250	ANALYTICAL DATE	: JANUARY 9-14, 2025
CONTACT INFORMATION	: TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com	ISSUE DATE	: JANUARY 22, 2025
SAMPLING SOURCE	: ARTEMIS BANGKOK JURISTIC PERSON	REPORT NO.	: 2025-U004778
SAMPLE TYPE	: EFFLUENT	WORK NO.	: 2024-010246
SAMPLING DATE	: JANUARY 9, 2025	ANALYSIS NO.	: T25AA392-0001
SAMPLING TIME	: 14:35 HOUR		
SAMPLING METHOD	: GRAB, GRAB AND STERILE TECHNIQUE		
SAMPLING BY	: [REDACTED]		
ANALYZED BY	: [REDACTED]		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			น้ำทิ้งหลังผ่านระบบ บำบัดน้ำเสีย T25AA392-0001			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H* B AND 1060 B	6.3 (30.3°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	50.6	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	36.1	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	403	≤ 1,000	-	25
SETTLEABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	-	0.1	-
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500 -S ² - F)	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	94.5	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	6	≤ 20	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			น้ำทิ้งหลังผ่านระบบ บำบัดน้ำเสีย T25AA392-0001			
MICROBIOLOGY						
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	>160,000	-	1.8	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID			
SEDIMENT			BROWN			

^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, 24th EDITION, 2023.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE
MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141,
PART 233 D, DATED AUGUST 27, 2024.

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LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : ARTEMIS BANGKOK JURISTIC PERSON
ADDRESS : 418 SUKHUMIVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com
SAMPLING SOURCE : ARTEMIS BANGKOK JURISTIC PERSON
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : FEBRUARY 20, 2025
SAMPLING TIME : 13:15 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :
RECEIVED DATE : FEBRUARY 20, 2025
ANALYTICAL DATE : FEBRUARY 20-27, 2025
ISSUE DATE : MARCH 6, 2025
REPORT NO. : 2025-U017518
WORK NO. : 2024-010246
ANALYSIS NO. : T25AD606-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			น้ำทิ้งหลังผ่านระบบ บำบัดน้ำเสีย T25AD606-0001			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.2 (32.2°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	70.0	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	37.8	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	385	≤ 1,000	-	25
SETTLEABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	-	0.1	-
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500 -S ²⁻ F)	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	91.5	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	≤ 20	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			น้ำทิ้งหลังผ่านระบบ บำบัดน้ำเสีย T25AD606-0001			
MICROBIOLOGY						
FAECAL COLIFORM BACTERIA ^o	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	>160,000	-	1.8	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID			
SEDIMENT			BROWN			

^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 NOT IN SCOPE OF ACCREDITATION

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

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE
MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141,
PART 233 D, DATED AUGUST 27, 2024.

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[Signature]
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : ARTEMIS BANGKOK JURISTIC PERSON
ADDRESS : 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com
SAMPLING SOURCE : ARTEMIS BANGKOK JURISTIC PERSON
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MARCH 14, 2025
SAMPLING TIME : 12:00 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :
RECEIVED DATE : MARCH 14, 2025
ANALYTICAL DATE : MARCH 14-24, 2025
ISSUE DATE : MARCH 26, 2025
REPORT NO. : 2025-U026050
WORK NO. : 2024-010246
ANALYSIS NO. : T25AF485-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			น้ำทิ้งหลังผ่านระบบบำบัดน้ำเสีย T25AF485-0001			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H* B AND 1060 B	7.0 (31.8°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	60.3	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	44.0	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	379	≤ 1,000	-	25
SETTLEABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	-	0.1	-
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500 -S ²⁻ F)	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	32.1	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	≤ 20	-	3
MICROBIOLOGY						
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	>160,000	-	1.8	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID			
SEDIMENT			BROWN			

^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 NOT IN SCOPE OF ACCREDITATION

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

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : ARTEMIS BANGKOK JURISTIC PERSON
ADDRESS : 418 SUKHUMIVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com
SAMPLING SOURCE : ARTEMIS BANGKOK JURISTIC PERSON
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : APRIL 18, 2025
SAMPLING TIME : 15:05 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :
RECEIVED DATE : APRIL 18, 2025
ANALYTICAL DATE : APRIL 18-25, 2025
ISSUE DATE : MAY 2, 2025
REPORT NO. : 2025-U038276
WORK NO. : 2024-010246
ANALYSIS NO. : T25AI275-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			น้ำทิ้งหลังผ่านระบบ บำบัดน้ำเสีย T25AI275-0001			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H* B AND 1060 B	7.2 (32.2°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	59.8	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	61.7	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	460	≤ 1,000	-	25
SETTLEABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	-	0.1	-
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ² - F)	1.9	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	76.2	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	7	≤ 20	-	3
MICROBIOLOGY						
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	>160,000	-	1.8	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN			

^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 NOT IN SCOPE OF ACCREDITATION

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

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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 LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : ARTEMIS BANGKOK JURISTIC PERSON
ADDRESS : 418 SUKHUMIVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com
SAMPLING SOURCE : ARTEMIS BANGKOK JURISTIC PERSON
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MAY 21, 2025
SAMPLING TIME : 11:40 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :
RECEIVED DATE : MAY 21, 2025
ANALYTICAL DATE : MAY 21-27, 2025
ISSUE DATE : JUNE 6, 2025
REPORT NO. : 2025-U049851
WORK NO. : 2024-010246
ANALYSIS NO. : T25AK906-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			น้ำทิ้งหลังผ่านระบบ บำบัดน้ำเสีย T25AK906-0001			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H* B AND 1060 B	7.8 (30.7°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	67.5	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	47.4	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	427	≤ 1,000	-	25
SETTLEABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	-	0.1	-
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500 -S ² - F)	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	74.4	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	4	≤ 20	-	3
MICROBIOLOGY						
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	>160,000	-	1.8	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN			

^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 NOT IN SCOPE OF ACCREDITATION

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REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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 LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : ARTEMIS BANGKOK JURISTIC PERSON
ADDRESS : 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com
SAMPLING SOURCE : ARTEMIS BANGKOK JURISTIC PERSON
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JUNE 19, 2025
SAMPLING TIME : 13:20 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :
RECEIVED DATE : JUNE 19, 2025
ANALYTICAL DATE : JUNE 19-27, 2025
ISSUE DATE : JULY 3, 2025
REPORT NO. : 2025-U060774
WORK NO. : 2024-010246
ANALYSIS NO. : T25AN461-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			น้ำทิ้งหลังผ่านระบบ บำบัดน้ำเสีย T25AN461-0001			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H* B AND 1060 B	7.0 (32.6°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	73.8	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	42.8	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	357	≤ 1,000	-	25
SETTLEABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	-	0.1	-
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500 -S ²⁻ F)	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	72.4	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	5	≤ 20	-	3
MICROBIOLOGY						
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	>160,000	-	1.8	-
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID			
SEDIMENT			BROWN			

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

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

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

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

LABORATORY SUPERVISOR



ภาคผนวก ค-3
ผลการตรวจวัดคุณภาพน้ำในสระว่ายนํ้า



ANALYSIS REPORT

CUSTOMER NAME : ARTEMIS BANGKOK JURISTIC PERSON
ADDRESS : 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com
SAMPLING SOURCE : ARTEMIS BANGKOK JURISTIC PERSON
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JANUARY 9, 2025
SAMPLING TIME : 14:15 HOUR
SAMPLING METHOD ° : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY ° :
ANALYZED BY :

RECEIVED DATE : JANUARY 9, 2025
ANALYTICAL DATE : JANUARY 9-15, 2025
ISSUE DATE : JANUARY 22, 2025
REPORT NO. : 2025-U004780
WORK NO. : 2024-010246
ANALYSIS NO. : T25AA392-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			SWIMMING POOL T25AA392-0002			
TOTAL ALKALINITY °	mg/L as CaCO ₃	TITRATION METHOD (SM: PART 2320 B)	99.8	80-100	-	-
CALCIUM HARDNESS °	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 3500-Ca B)	84.5	250-600	4.0	-
AMMONIA °	mg/L NH ₃	PHENATE METHOD (SM: PART 4500-NH ₃ F)	0.07	≤ 20	0.05	-
NITRATE °	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	0.80	≤ 50	0.09	-
CYANURIC ACID °	mg/L	TURBIDIMETRIC METHOD	16	30-60	1	5
FREE CHLORINE °	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.6	0.6-1.0	0.1	-
COMBINED CHLORINE °	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.6	0.5-1.0	0.1	-
MICROBIOLOGY						
COLIFORM BACTERIA °	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	16	< 10	1.1	-
FAECAL COLIFORM BACTERIA °	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	16	NOT DETECTED	1.1	-
<i>E. coli</i> °	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	DETECTED	NOT DETECTED	-	-



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			SWIMMING POOL T25AA392-0002			
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-	-
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, 24th EDITION, 2023.

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

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[Signature Box]
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LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : ARTEMIS BANGKOK JURISTIC PERSON
ADDRESS : 418 SUKHUMIVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com
SAMPLING SOURCE : ARTEMIS BANGKOK JURISTIC PERSON
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JANUARY 9, 2025
SAMPLING TIME : 14:15 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : JANUARY 9, 2025
ANALYTICAL DATE : JANUARY 9-14, 2025
ISSUE DATE : JANUARY 22, 2025
REPORT NO. : 2025-U004781
WORK NO. : 2024-010246
ANALYSIS NO. : T25AA392-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SWIMMING POOL T25AA392-0002	
MICROBIOLOGY				
<i>Staphylococcus aureus</i>	/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 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.

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

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[Signature]
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : ARTEMIS BANGKOK JURISTIC PERSON
ADDRESS : 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com
SAMPLING SOURCE : ARTEMIS BANGKOK JURISTIC PERSON
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : FEBRUARY 20, 2025
SAMPLING TIME : 13:30 HOUR
SAMPLING METHOD ^c : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : FEBRUARY 20, 2025
ANALYTICAL DATE : FEBRUARY 20-26, 2025
ISSUE DATE : MARCH 6, 2025
REPORT NO. : 2025-U017519
WORK NO. : 2024-010246
ANALYSIS NO. : T25AD606-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			SWIMMING POOL T25AD606-0002			
TOTAL ALKALINITY ^c	mg/L as CaCO ₃	TITRATION METHOD (SM: PART 2320 B)	82.4	80-100	-	-
CALCIUM HARDNESS ^c	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 3500-Ca B)	79.3	250-600	1.0	4.0
AMMONIA ^c	mg/L NH ₃	PHENATE METHOD (SM: PART 4500-NH ₃ F)	0.15	≤ 20	0.04	0.15
NITRATE ^c	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	0.66	≤ 50	0.09	0.50
CYANURIC ACID ^c	mg/L	TURBIDIMETRIC METHOD	16	30-60	1	5
FREE CHLORINE ^c	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.8	0.6-1.0	0.1	-
COMBINED CHLORINE ^c	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.4	0.5-1.0	0.1	-
MICROBIOLOGY						
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	6.9	< 10	1.1	-
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	2.2	NOT DETECTED	1.1	-
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	DETECTED	NOT DETECTED	-	-



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			SWIMMING POOL T25AD606-0002			
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -			

^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, 24th EDITION, 2023.

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

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[Signature Box]
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LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : ARTEMIS BANGKOK JURISTIC PERSON
ADDRESS : 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com
SAMPLING SOURCE : ARTEMIS BANGKOK JURISTIC PERSON
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : FEBRUARY 20, 2025
SAMPLING TIME : 13:30 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : FEBRUARY 20, 2025
ANALYTICAL DATE : FEBRUARY 20-23, 2025
ISSUE DATE : MARCH 6, 2025
REPORT NO. : 2025-U017520
WORK NO. : 2024-010246
ANALYSIS NO. : T25AD606-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SWIMMING POOL T25AD606-0002	
MICROBIOLOGY				
<i>Staphylococcus aureus</i>	/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 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.

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

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LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : ARTEMIS BANGKOK JURISTIC PERSON
ADDRESS : 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com
SAMPLING SOURCE : ARTEMIS BANGKOK JURISTIC PERSON
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MARCH 14, 2025
SAMPLING TIME : 12:10 HOUR
SAMPLING METHOD ° : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY ° :
ANALYZED BY :
RECEIVED DATE : MARCH 14, 2025
ANALYTICAL DATE : MARCH 14-20, 2025
ISSUE DATE : MARCH 26, 2025
REPORT NO. : 2025-U026051
WORK NO. : 2024-010246
ANALYSIS NO. : T25AF485-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			SWIMMING POOL T25AF485-0002			
TOTAL ALKALINITY ^c	mg/L as CaCO ₃	TITRATION METHOD (SM: PART 2320 B)	79.6	80-100	-	-
CALCIUM HARDNESS ^c	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 3500-Ca B)	75.3	250-600	1.0	4.0
AMMONIA ^c	mg/L NH ₃	PHENATE METHOD (SM: PART 4500-NH ₃ F)	< 0.15	≤ 20	0.04	0.15
NITRATE ^c	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	1.02	≤ 50	0.09	0.50
CYANURIC ACID ^c	mg/L	TURBIDIMETRIC METHOD	12	30-60	1	5
FREE CHLORINE ^c	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	12	0.6-1.0	0.1	-
COMBINED CHLORINE ^c	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.2	0.5-1.0	0.1	-
MICROBIOLOGY						
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1	-
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1	-
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-	-



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			SWIMMING POOL T25AF485-0002			
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -			

^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, 24th EDITION, 2023.

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

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LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : ARTEMIS BANGKOK JURISTIC PERSON
ADDRESS : 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com
SAMPLING SOURCE : ARTEMIS BANGKOK JURISTIC PERSON
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MARCH 14, 2025
SAMPLING TIME : 12:10 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : 
ANALYZED BY : 
RECEIVED DATE : MARCH 14, 2025
ANALYTICAL DATE : MARCH 14-18, 2025
ISSUE DATE : MARCH 26, 2025
REPORT NO. : 2025-U026052
WORK NO. : 2024-010246
ANALYSIS NO. : T25AF485-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SWIMMING POOL T25AF485-0002	
MICROBIOLOGY				
<i>Staphylococcus aureus</i>	/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.

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LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : ARTEMIS BANGKOK JURISTIC PERSON
ADDRESS : 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com
SAMPLING SOURCE : ARTEMIS BANGKOK JURISTIC PERSON
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : APRIL 18, 2025
SAMPLING TIME : 14:55 HOUR
SAMPLING METHOD ° : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY ° :
ANALYZED BY :
RECEIVED DATE : APRIL 18, 2025
ANALYTICAL DATE : APRIL 18 - MAY 2, 2025
ISSUE DATE : MAY 2, 2025
REPORT NO. : 2025-U038277
WORK NO. : 2024-010246
ANALYSIS NO. : T25AI275-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			SWIMMING POOL T25AI275-0002			
TOTAL ALKALINITY ^c	mg/L as CaCO ₃	TITRATION METHOD (SM: PART 2320 B)	76.3	80-100	-	-
CALCIUM HARDNESS ^c	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 3500-Ca B)	76.9	250-600	1.0	4.0
AMMONIA ^c	mg/L NH ₃	PHENATE METHOD (SM: PART 4500-NH ₃ F)	< 0.15	≤ 20	0.04	0.15
NITRATE ^c	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	4.47	≤ 50	0.09	0.50
CYANURIC ACID ^c	mg/L	TURBIDIMETRIC METHOD	20	30-60	1	5
FREE CHLORINE ^c	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	1.6	0.6-1.0	0.1	-
COMBINED CHLORINE ^c	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.6	0.5-1.0	0.1	-
MICROBIOLOGY						
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1	-
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1	-
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-	-



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			SWIMMING POOL T25A1275-0002			
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR			

^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, 24th EDITION, 2023.

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

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[Signature]
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : ARTEMIS BANGKOK JURISTIC PERSON
ADDRESS : 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com
SAMPLING SOURCE : ARTEMIS BANGKOK JURISTIC PERSON
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : APRIL 18, 2025
SAMPLING TIME : 14:55 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : APRIL 18, 2025
ANALYTICAL DATE : APRIL 18-22, 2025
ISSUE DATE : MAY 2, 2025
REPORT NO. : 2025-U038278
WORK NO. : 2024-010246
ANALYSIS NO. : T25A1275-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SWIMMING POOL T25AI275-0002	
MICROBIOLOGY				
<i>Staphylococcus aureus</i>	/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.

LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : ARTEMIS BANGKOK JURISTIC PERSON
ADDRESS : 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com
SAMPLING SOURCE : ARTEMIS BANGKOK JURISTIC PERSON
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MAY 21, 2025
SAMPLING TIME : 12:00 HOUR
SAMPLING METHOD ° : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY ° :
ANALYZED BY :
RECEIVED DATE : MAY 21, 2025
ANALYTICAL DATE : MAY 21-30, 2025
ISSUE DATE : JUNE 6, 2025
REPORT NO. : 2025-U049852
WORK NO. : 2024-010246
ANALYSIS NO. : T25AK906-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			SWIMMING POOL T25AK906-0002			
TOTAL ALKALINITY ^c	mg/L as CaCO ₃	TITRATION METHOD (SM: PART 2320 B)	62.2	80-100	-	-
CALCIUM HARDNESS ^c	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 3500-Ca B)	70.5	250-600	1.0	4.0
AMMONIA ^c	mg/L NH ₃	PHENATE METHOD (SM: PART 4500-NH ₃ F)	< 0.15	≤ 20	0.04	0.15
NITRATE ^c	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ E)	3.32	≤ 50	0.09	0.50
CYANURIC ACID ^c	mg/L	TURBIDIMETRIC METHOD	19	30-60	1	5
FREE CHLORINE ^c	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.6	0.6-1.0	0.1	-
COMBINED CHLORINE ^c	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.6	0.5-1.0	0.1	-
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	-
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-	-



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			SWIMMING POOL T25AK906-0002			
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR			

^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, 24th EDITION, 2023.

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

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[Signature Box]
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : ARTEMIS BANGKOK JURISTIC PERSON
ADDRESS : 418 SUKHUMIVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com
SAMPLING SOURCE : ARTEMIS BANGKOK JURISTIC PERSON
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MAY 21, 2025
SAMPLING TIME : 12:00 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : MAY 21, 2025
ANALYTICAL DATE : MAY 21-25, 2025
ISSUE DATE : JUNE 6, 2025
REPORT NO. : 2025-U049853
WORK NO. : 2024-010246
ANALYSIS NO. : T25AK906-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SWIMMING POOL T25AK906-0002	
MICROBIOLOGY				
<i>Staphylococcus aureus</i>	/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 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.

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

.....
[Signature]
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : ARTEMIS BANGKOK JURISTIC PERSON
ADDRESS : 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com
SAMPLING SOURCE : ARTEMIS BANGKOK JURISTIC PERSON
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JUNE 19, 2025
SAMPLING TIME : 13:10 HOUR
SAMPLING METHOD ° : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY ° :
ANALYZED BY :
RECEIVED DATE : JUNE 19, 2025
ANALYTICAL DATE : JUNE 19-29, 2025
ISSUE DATE : JULY 4, 2025
REPORT NO. : 2025-U060775
WORK NO. : 2024-010246
ANALYSIS NO. : T25AN461-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			SWIMMING POOL T25AN461-0002			
TOTAL ALKALINITY ^c	mg/L as CaCO ₃	TITRATION METHOD (SM: PART 2320 B)	60.4	80-100	-	-
CALCIUM HARDNESS ^c	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 3500-Ca B)	74.9	250-600	1.0	4.0
AMMONIA ^c	mg/L NH ₃	PHENATE METHOD (SM: PART 4500-NH ₃ F)	0.17	≤ 20	0.04	0.15
NITRATE ^c	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	4.83	≤ 50	0.09	0.50
CYANURIC ACID ^c	mg/L	TURBIDIMETRIC METHOD	10	30-60	1	5
FREE CHLORINE ^c	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	1.2	0.6-1.0	0.1	-
COMBINED CHLORINE ^c	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.3	0.5-1.0	0.1	-
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	-
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-	-



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			SWIMMING POOL T25AN461-0002			
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE FOR PSEUDOMONAS AERUGINOSA (SM: PART 9213 E)	NOT DETECTED	NOT DETECTED	-	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -			

^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, 24th EDITION, 2023.

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

.....
[Signature]
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : ARTEMIS BANGKOK JURISTIC PERSON
ADDRESS : 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com
SAMPLING SOURCE : ARTEMIS BANGKOK JURISTIC PERSON
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JUNE 19, 2025
SAMPLING TIME : 13:10 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : JUNE 19, 2025
ANALYTICAL DATE : JUNE 19-23, 2025
ISSUE DATE : JULY 3, 2025
REPORT NO. : 2025-U060776
WORK NO. : 2024-010246
ANALYSIS NO. : T25AN461-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SWIMMING POOL T25AN461-0002	
MICROBIOLOGY				
<i>Staphylococcus aureus</i>	/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.

.....
[Signature]
LABORATORY SUPERVISOR



ภาคผนวก ค-4
ผลการตรวจวัดคุณภาพน้ำในสระว่ายน้ำประจำวัน



Swimming Pool Daily Checklist

ใบรายงานการตรวจสอบสระว่ายน้ำ

Month / เดือน ๑๓/๑๐/๖๓ Year / ปี 2568

Sheet No. / แผ่นที่ 1

Date วันที่	Time เวลา	Status Record บันทึกค่า		Adding / ทรานเคมี		Condition of Equipment / สภาพของอุปกรณ์			Recorded By		Checked By Tech. Sup. ตรวจสอบโดย
		CL (1-1.5)	PH (7.2-7.6)	Chlorine คลอรีน (kg.)	Soda Ash โซดาแอส (kg.)	Pump Set ชุดปั๊มน้ำ	Pressure Tank แรงดันถัง(30 PSI)	Filter Set ชุดไส้กรองน้ำ	No.1	No.2	
1	08:00	3.2	7.2-7.6	-	-	✓	1A	1A	✓	✓	[Redacted]
2	08:30	3.0	7.6	-	-	✓	1B	1B	✓	✓	
3	09:00	3.0	7.6	-	-	✓	1B	1B	✓	✓	
4	09:30	3.0	7.6	3.0kg	-	✓	1B	1B	✓	✓	
5	10:00	3.0	7.6	-	-	✓	1B	1B	✓	✓	
6	10:30	3.0	7.6	-	-	✓	1B	1B	✓	✓	
7	11:00	3.0	7.6	-	-	✓	1B	1B	✓	✓	
8	11:30	3.0	7.6	-	-	✓	1B	1B	✓	✓	
9	12:00	3.0	7.6	-	-	✓	1B	1B	✓	✓	
10	12:30	3.0	7.6	-	-	✓	1B	1B	✓	✓	
11	13:00	3.0	7.6	-	-	✓	1B	1B	✓	✓	
12	13:30	3.0	7.6	-	-	✓	1B	1B	✓	✓	
13	14:00	3.0	7.6	-	-	✓	1B	1B	✓	✓	
14	14:30	3.0	7.6	-	-	✓	1B	1B	✓	✓	
15	15:00	3.0	7.6	-	-	✓	1B	1B	✓	✓	
16	15:30	3.0	7.6	-	-	✓	1B	1B	✓	✓	
17	16:00	3.0	7.6	-	-	✓	1B	1B	✓	✓	
18	16:30	3.0	7.6	-	-	✓	1B	1B	✓	✓	
19	17:00	3.0	7.6	-	-	✓	1B	1B	✓	✓	
20	17:30	3.0	7.6	-	-	✓	1B	1B	✓	✓	
21	18:00	3.0	7.6	-	-	✓	1B	1B	✓	✓	
22	18:30	3.0	7.6	-	-	✓	1B	1B	✓	✓	
23	19:00	3.0	7.6	-	-	✓	1B	1B	✓	✓	
24	19:30	3.0	7.6	-	-	✓	1B	1B	✓	✓	
25	20:00	3.0	7.6	-	-	✓	1B	1B	✓	✓	
26	20:30	3.0	7.6	-	-	✓	1B	1B	✓	✓	
27	21:00	3.0	7.6	-	-	✓	1B	1B	✓	✓	
28	21:30	3.0	7.6	-	-	✓	1B	1B	✓	✓	
29	22:00	3.0	7.6	-	-	✓	1B	1B	✓	✓	
30	22:30	3.0	7.6	-	-	✓	1B	1B	✓	✓	
31	23:00	3.0	7.6	-	-	✓	1B	1B	✓	✓	

Remark / หมายเหตุ

รวม

18.0

Used within month / Remain ปริมาณที่ใช้จริงในรอบเดือน / (ยกเว้นกรณี)

Chlorine (คลอรีน) 18.0 Kg. Powder (สารกรอง) 12.0 Kg. / Lite Hydrochloric Acid (กรดเกลือ) Kg

Soda Ash (โซดาแอส) Kg. Sodium Bicarbonate (โซเดียมไบคาร์บอเนต) Kg.

Note : Please Mark N/A if not applicable. ✓ Normal. ✗ Abnormal / กรุณาใส่ N/A ถ้าไม่เกี่ยวข้อง. ✓ ปกติ ✗ ไม่ปกติ

Verified By / หน่วยงานตรวจสอบโดย

Signature / ลงนาม (เซ็น) / (ชื่อและนามสกุล)

Swimming Pool Daily Checklist

ใบรายงานการตรวจสอบสระว่ายน้ำ

Month / เดือน ๑๓/๑๐/๖๓ Year / ปี 2568

Sheet No. / แผ่นที่ 1

Date วันที่	Time เวลา	Status Record บันทึกค่า		Adding / ทรานเคมี		Condition of Equipment / สภาพของอุปกรณ์			Recorded By		Checked By Tech. Sup. ตรวจสอบโดย
		CL (1-1.5)	PH (7.2-7.6)	Chlorine คลอรีน (kg.)	Soda Ash โซดาแอส (kg.)	Pump Set ชุดปั๊มน้ำ	Pressure Tank แรงดันถัง(30 PSI)	Filter Set ชุดไส้กรองน้ำ	No.1	No.2	
1	07:59	3.0	7.2	-	-	✓	1A	1A	✓	✓	[Redacted]
2	08:30	3.0	7.9	-	-	✓	1A	1A	✓	✓	
3	09:00	3.0	7.9	-	-	✓	1A	1A	✓	✓	
4	09:30	3.0	7.9	3.0kg	-	✓	1A	1A	✓	✓	
5	10:00	3.0	7.9	-	-	✓	1A	1A	✓	✓	
6	10:30	3.0	7.9	-	-	✓	1A	1A	✓	✓	
7	11:00	3.0	7.6	3.0kg	-	✓	1A	1A	✓	✓	
8	11:30	3.0	7.6	-	-	✓	1A	1A	✓	✓	
9	12:00	3.0	7.6	-	-	✓	1A	1A	✓	✓	
10	12:30	3.0	7.2	-	-	✓	1A	1A	✓	✓	
11	13:00	3.0	7.2	3.0kg	-	✓	1A	1A	✓	✓	
12	13:30	3.0	7.2	-	-	✓	1A	1A	✓	✓	
13	14:00	3.0	7.2	-	-	✓	1A	1A	✓	✓	
14	14:30	3.0	7.2	-	-	✓	1A	1A	✓	✓	
15	15:00	3.0	7.2	-	-	✓	1A	1A	✓	✓	
16	15:30	3.0	7.2	-	-	✓	1A	1A	✓	✓	
17	16:00	3.0	7.2	-	-	✓	1A	1A	✓	✓	
18	16:30	3.0	7.2	3.0kg	-	✓	1A	1A	✓	✓	
19	17:00	3.0	7.2	-	-	✓	1A	1A	✓	✓	
20	17:30	3.0	7.2	-	-	✓	1A	1A	✓	✓	
21	18:00	3.0	7.2	-	-	✓	1A	1A	✓	✓	
22	18:30	3.0	7.2	-	-	✓	1A	1A	✓	✓	
23	19:00	3.0	7.2	-	-	✓	1A	1A	✓	✓	
24	19:30	3.0	7.2	-	-	✓	1A	1A	✓	✓	
25	20:00	3.0	7.2	-	-	✓	1A	1A	✓	✓	
26	20:30	3.0	7.2	-	-	✓	1A	1A	✓	✓	
27	21:00	3.0	7.2	-	-	✓	1A	1A	✓	✓	
28	21:30	3.0	7.2	-	-	✓	1A	1A	✓	✓	
29	22:00	3.0	7.2	-	-	✓	1A	1A	✓	✓	
30	22:30	3.0	7.2	-	-	✓	1A	1A	✓	✓	
31	23:00	3.0	7.2	-	-	✓	1A	1A	✓	✓	

Remark / หมายเหตุ

รวม

12.0

Used within month / Remain ปริมาณที่ใช้จริงในรอบเดือน / (ยกเว้นกรณี)

Chlorine (คลอรีน) 15.0 Kg. Powder (สารกรอง) 12.0 Kg. / Lite Hydrochloric Acid (กรดเกลือ) Kg

Soda Ash (โซดาแอส) Kg. Sodium Bicarbonate (โซเดียมไบคาร์บอเนต) Kg.

Note : Please Mark N/A if not applicable. ✓ Normal. ✗ Abnormal / กรุณาใส่ N/A ถ้าไม่เกี่ยวข้อง. ✓ ปกติ ✗ ไม่ปกติ

Verified By / หน่วยงานตรวจสอบโดย

Signature / ลงนาม (เซ็น) / (ชื่อและนามสกุล)

Swimming Pool Daily Checklist

ใบรายงานการตรวจสอบสระว่ายน้ำ

Sheet No. / แผ่นที่...

Month / เดือน ปี 2568

Date วันที่	Time เวลา	Status Record		Adding / การเติม		Condition of Equipment / สภาพอุปกรณ์						Recorded By บันทึก โดย	Checked By Tech. Sup. ตรวจสอบโดย หัวหน้าช่าง
		บันทึกค่า		Chlorine คลอรีน (kg.)	Soda Ash โซดาแอส (kg.)	Powder สารกรอง (kg./Lt.)	Pump Set ชุดปั๊มน้ำ	Pressure Tank แรงดันน้ำ(30 PSI)		Filter Set ชุดไส้กรองน้ำ			
		CL (1-1.5)	PH (7.2-7.6)					No.1	No.2	No.1	No.2		
1	09:02	3.0	7.2	-	-	-	-	13	20	/	/		
2	08:03	1.0	7.2	-	-	3 kg	-	12	14	/	/		
3	08:04	3.0	7.2-7.6	1.5	-	-	-	14	14	/	/		
4	08:34	3.0	7.2	-	-	-	-	16	16	/	/		
5	08:34	3.0	7.2	-	-	-	-	16	17	/	/		
6	09:00	3.0	7.2	-	-	-	-	16	16	/	/		
7	08:52	1.5	7.6	-	-	-	-	17	16	/	/		
8	09:15	3.0	7.2	1.5	-	-	-	18	18	/	/		
9	08:33	3.0	7.2	-	-	3kg	-	20	17	/	/		
10	08:18	3.0	7.6	-	-	-	-	12	12	/	/		
11	09:21	0.6	7.2	-	-	-	-	12	13	/	/		
12	09:33	3.0	7.6	3.0	-	-	-	14	14	/	/		
13	09:10	3.0	7.6	-	-	-	-	16	16	/	/		
14	09:21	3.0	7.6	-	-	-	-	16	17	/	/		
15	08:56	1.5	7.2-7.6	-	-	-	-	18	18	/	/		
16	10:00	3.0	7.2-7.6	1.5	-	3kg	-	18	18	/	/		
17	08:04	1.0	7.6	-	-	-	-	12	10	/	/		
18	08:33	3.0	7.6	1.6	-	-	-	13	12	/	/		
19	08:16	3.0	7.6	-	-	-	-	14	14	/	/		
20	08:34	3.0	7.6	-	-	-	-	14	14	/	/		
21	09:03	1.0	7.6	-	-	-	-	15	16	/	/		
22	09:11	3.0	7.6	3	-	-	-	16	16	/	/		
23	09:50	3.0	7.2	-	-	3kg	-	18	18	/	/		
24	08:57	3.0	7.2-7.6	-	-	-	-	16	16	/	/		
25	08:34	3.0	7.6	-	-	-	-	16	14	/	/		
26	08:34	3.0	7.6	-	-	-	-	17	18	/	/		
27	08:43	3.0	7.6	-	-	-	-	18	18	/	/		
28	08:44	1.5	7.6	-	-	-	-	19	14	/	/		
29	08:43	3.0	7.6	3	-	-	-	19	20	/	/		
30	08:16	3.0	7.6	-	-	3kg	-	20	20	/	/		
31	08:37	3.0	7.6	-	-	-	-	12	12	/	/		
รวม				15.4		15.0							

Remark / หมายเหตุ

Used within month / Remain (ปริมาณที่ใช้จริงในรอบเดือน / ยอดคงเหลือ)

Chlorine (คลอรีน)	15.0	Kg.	Powder (สารกรอง)	15.0	Kg. / Lite	Hydrochloric Acid (กรดเกลือ)	Kg
Soda Ash (โซดาแอส)		Kg.	Sodium Bicarbonate (โซเดียมไบคาร์บอเนต)		Kg.		Kg.

Note : Please Max N/A / not applicable .

✓ Normal . ✗ Abnormal / กรุณาใส่ N/A ถ้าไม่มีปัญหา .

Verified By / หน่วยงานตรวจสอบโดย

Simthira / สอนเขียน / RM / รับผิดชอบงาน

Swimming Pool Daily Checklist

ใบรายงานการตรวจสอบสระว่ายน้ำ

Sheet No. / แผ่นที่...

Month / เดือน ปี 2568

Status Record			Adding / การเติม			Condition of Equipment / สภาพของอุปกรณ์						Recorded By	Checked By	
Date วันที่	Time เวลา	บันทึกค่า		Chlorine คลอรีน (kg.)	Soda Ash โซดาแอส (kg.)	Powder สารกรอง (kg./L)	Pump Set ชุดปั๊มน้ำ		Pressure Tank ถังรับแรงดัน(30 PSI)		Filter Set ชุดกรองน้ำ		By บันทึก โดย	Tech. Sup. ตรวจสอบโดย หัวหน้าช่าง
		CL (1-1.5)	PH (7.2-7.6)				No.1	No.2	No.1	No.2	No.1	No.2		
1	08:14	1.5	7.6	-	-	-	/	/	13	14	/	/		
2	08:21	3.0	7.6	3 kg	-	-	/	/	15	14	/	/		
3	08:30	3.0	7.6	-	-	-	/	/	13	15	/	/		
4	08:46	2.5	7.6	-	-	-	/	/	17	17	/	/		
5	08:14	2.2	7.6	-	-	-	/	/	17	18	/	/		
6	08:47	1.5	7.6	-	-	3 kg	/	/	18	20	/	/		
7	08:53	3.0	7.6	3.0 kg	-	-	/	/	10	10	/	/		
8	09:02	3.0	7.6	-	-	-	/	/	12	12	/	/		
9	08:16	3.0	7.6	-	-	-	/	/	13	14	/	/		
10	08:06	1.5	7.6	-	-	-	/	/	14	14	/	/		
11	08:31	3.0	7.6	1.0 kg	-	-	/	/	16	16	/	/		
12	08:43	1.5	7.6	-	-	-	/	/	17	16	/	/		
13	09:11	3.0	7.6	1.5 kg	-	3 kg	/	/	18	18	/	/		
14	09:43	3.0	7.6	-	-	-	/	/	12	12	/	/		
15	09:36	1.0	7.6	-	-	-	/	/	13	14	/	/		
16	08:34	3.0	7.6	3.0 kg	-	-	/	/	14	14	/	/		
17	09:03	3.0	7.6	-	-	-	/	/	15	16	/	/		
18	08:18	3.0	7.6	-	-	-	/	/	18	18	/	/		
19	08:11	1.5	7.6	1.5 kg	-	-	/	/	16	18	/	/		
20	02:10	3.0	7.2	-	-	3 kg	/	/	18	16	/	/		
21	08:30	3.0	7.6	-	-	-	/	/	16	18	/	/		
22	09:19	3.0	7.6	-	-	-	/	/	18	16	/	/		
23	09:31	1.0	7.6	-	-	-	/	/	18	18	/	/		
24	09:13	3.0	7.6	3.0	-	-	/	/	19	18	/	/		
25	09:16	3.0	7.6	-	-	-	/	/	20	18	/	/		
26	08:26	3.0	7.6	-	-	-	/	/	20	20	/	/		
27	08:32	3.0	7.6	-	-	3 kg	/	/	20	20	/	/		
28	08:13	1.5	7.6	-	-	-	/	/	14	18	/	/		
29	08:11	3.0	7.6	3.0	-	-	/	/	14	14	/	/		
30	08:24	3.0	7.6	-	-	-	/	/	16	16	/	/		
31														
รวม														19.0

Remark / หมายเหตุ

Used within month / Remain (ปริมาณที่ใช้จริงในรอบเดือน / ยอดคงเหลือ)

Chlorine (คลอรีน)	14.0	Kg.	Powder (สารกรอง)	12.0	Kg. / Lite	Hydrochloric Acid (กรดเกลือ)	Kg
Soda Ash (โซดาแอส)		Kg.	Sodium Bicarbonate (โซเดียมไบคาร์บอเนต)		Kg.		Kg.

Note : Please Max N/A / not applicable .

✓ Normal . ✗ Abnormal / กรุณาใส่ N/A ถ้าไม่มีปัญหา .

Verified By / หน่วยงานตรวจสอบโดย

Simthira / สอนเขียน / RM / รับผิดชอบงาน

Swimming Pool Daily Checklist

ใบรายงานการตรวจสอบสระว่ายน้ำ

Month / เดือน 11/2568 Year / ปี 2568

Sheet No. / แผ่นที่ 1.

Date วันที่		Status Record บันทึกค่า		Adding / การเติม		Condition of Equipment / สภาพของอุปกรณ์						Recorded By บันทึก โดย		Checked By Tech. Sup. ตรวจสอบโดย หัวหน้าช่าง
วัน	เวลา	CL (1-1.5)	PH (7.2-7.6)	Chlorine คลอรีน (kg.)	Soda Ash โซดาแอส (kg.)	Powder สารกรอง (kg./Lt.)	Pump Set ชุดปั๊ม		Pressure Tank แรงดันถังแรง(30 PSI) ชุดถังแรง		Filler Set ชุดถังแรง	By บันทึก โดย		
							No.1	No.2	No.1	No.2			No.1	
1	08:42	3.0	7.6	-	-	-	/	/	16	18	/	/		
2	08:56	1.5	7.6	-	-	-	/	/	18	18	/	/		
3	09:39	3.0	7.6	1.6	-	-	/	/	18	19	/	/		
4	09:24	3.0	7.6	-	-	3	/	/	20	20	/	/		
5	09:21	3.0	7.6	-	-	-	/	/	14	14	/	/		
6	09:36	3.0	7.6	-	-	-	/	/	14	16	/	/		
7	09:34	1.5	7.2	-	-	-	/	/	16	16	/	/		
8	09:52	3.0	7.6	3.0	-	-	/	/	17	17	/	/		
9	09:14	3.0	7.6	-	-	-	/	/	18	17	/	/		
10	09:18	3.0	7.6	-	-	-	/	/	18	18	/	/		
11	09:23	3.0	7.6	-	-	3	/	/	20	18	/	/		
12	09:36	1.0	7.6	-	-	-	/	/	12	10	/	/		
13	09:17	3.0	7.6	3.0	-	-	/	/	14	13	/	/		
14	09:51	3.0	7.6	-	-	-	/	/	16	16	/	/		
15	09:31	3.0	7.6	-	-	-	/	/	17	16	/	/		
16	09:49	3.0	7.6	-	-	-	/	/	18	18	/	/		
17	09:22	3.0	7.6	-	-	-	/	/	20	20	/	/		
18	09:36	3.0	7.6	-	-	3	/	/	18	20	/	/		
19	09:14	3.0	7.6	-	-	-	/	/	12	12	/	/		
20	09:26	1.5	7.2	-	-	-	/	/	13	14	/	/		
21	09:36	3.0	7.6	1.6	-	-	/	/	15	16	/	/		
22	09:27	3.0	7.6	-	-	-	/	/	16	16	/	/		
23	09:34	1.5	7.6	-	-	-	/	/	18	18	/	/		
24	09:33	3.0	7.6	1.6	-	-	/	/	18	20	/	/		
25	09:41	3.0	7.6	-	-	3	/	/	20	20	/	/		
26	09:52	1.5	7.2	-	-	-	/	/	12	10	/	/		
27	09:34	3.0	7.6	1.5	-	-	/	/	13	12	/	/		
28	09:17	3.0	7.6	-	-	-	/	/	14	14	/	/		
29	09:54	3.0	7.6	-	-	-	/	/	16	16	/	/		
30	09:38	1.5	7.6	-	-	-	/	/	17	18	/	/		
31	09:46	3.0	7.6	1.6	-	-	/	/	18	20	/	/		
รวม				13.5		12.0								

Remark / หมายเหตุ

Used within month / Remain (ปริมาณที่ใช้จริงในรอบเดือน / ยอดคงเหลือ)

Chlorine (คลอรีน)	13.5	Kg	Powder (สารกรอง)	12.0	Kg / Lite	Hydrochloric Acid (กรดเกลือ)	Kg
Soda Ash (โซดาแอส)		Kg	Sodium Bicarbonate (โซเดียมไบคาร์บอเนต)		Kg		

Note : Please Mark NA if not applicable. ☒ Normal ☒ Abnormal (กรุณาใส่ NA ถ้าไม่เกี่ยวข้อง. ☒ ปกติ ☒ ไม่ปกติ

Verified By / หน่วยงานตรวจสอบโดย
Signature / ลงชื่อ (BM / ผู้จัดการอาคาร)

Swimming Pool Daily Checklist

ใบรายงานการตรวจสอบสระว่ายน้ำ

Month / เดือน 11/2568

Sheet No. / แผ่นที่ 1.

Date วันที่	Time เวลา	Status Record บันทึกค่า		Adding / การเติม		Condition of Equipment / สภาพของอุปกรณ์						Recorded By บันทึก โดย	Checked By ตรวจสอบโดย ตรวจสอบโดย หัวหน้าช่าง
		CL (1-1.5)	PH (7.2-7.6)	Chlorine คลอรีน (kg)	Soda Ash โซดาแอส (kg)	Powder สารกรอง (kg/L)	Pump Set ชุดปั๊ม		Pressure Tank ถังเก็บแรงดัน(30 PSI)		Filter Set ชุดไส้กรองน้ำ		
							No.1	No.2	No.1	No.2			
1	9:37 น.	3.00	7.6	-	N/A	3.0	✓	✓	20	20	✓	✓	
2	9:54 น.	1.00	7.2	-	N/A	-	✓	✓	14	12	✓	✓	
3	11:22 น.	3.00	7.6	1.0	N/A	-	✓	✓	15	14	✓	✓	
4	9:17 น.	3.00	7.6	-	N/A	-	✓	✓	16	16	✓	✓	
5	8:42 น.	1.50	7.6	-	N/A	-	✓	✓	18	16	✓	✓	
6	8:13 น.	3.00	7.6	1.0	N/A	-	✓	✓	18	18	✓	✓	
7	8:19 น.	3.00	7.6	-	N/A	-	✓	✓	20	19	✓	✓	
8	11:21 น.	3.00	7.2	-	N/A	3.0	✓	✓	10	13	✓	✓	
9	9:22 น.	<1.5	7.2-7.6	1.0	N/A	-	✓	✓	18	14	✓	✓	
10	8:30 น.	3.00	7.6	-	N/A	-	✓	✓	18	15	✓	✓	
11	8:40 น.	1.50	7.2	-	N/A	-	✓	✓	18	16	✓	✓	
12	8:48 น.	<1.5	7.2	1.0	N/A	-	✓	✓	20	17	✓	✓	
13	8:40 น.	3.00	7.6	-	N/A	-	✓	✓	20	18	✓	✓	
14	8:41 น.	3.00	7.6	-	N/A	-	✓	✓	20	19	✓	✓	
15	8:30 น.	1.50	7.2	-	N/A	3.0	✓	✓	12	15	✓	✓	
16	8:16 น.	3.00	7.2	-	N/A	-	✓	✓	18	18	✓	✓	
17	8:16 น.	3.00	7.2	-	N/A	-	✓	✓	19	18	✓	✓	
18	7:56 น.	1.50	7.2	1.0	N/A	-	✓	✓	18	18	✓	✓	
19	7:42 น.	3.00	7.2	-	N/A	-	✓	✓	19	18	✓	✓	
20	7:29 น.	3.00	7.2	-	N/A	-	✓	✓	20	18	✓	✓	
21	9:48 น.	3.00	7.2-7.6	-	N/A	-	✓	✓	20	18	✓	✓	
22	10:00 น.	<3.0	<7.2	-	N/A	3.0	✓	✓	22	20	✓	✓	
23	8:10 น.	3.00	7.2	-	N/A	-	✓	✓	8	6	✓	✓	
24	9:12 น.	<1.5	7.6	1.0	N/A	-	✓	✓	10	8	✓	✓	
25	8:19 น.	3.00	7.6	-	N/A	-	✓	✓	17	16	✓	✓	
26	8:24 น.	3.00	7.6	-	N/A	-	✓	✓	18	16	✓	✓	
27	8:46 น.	3.00	7.6	-	N/A	-	✓	✓	18	18	✓	✓	
28	9:08 น.	3.00	7.6	-	N/A	-	✓	✓	20	20	✓	✓	
29	8:40 น.	3.00	7.6	-	N/A	-	✓	✓	20	21	✓	✓	
30	8:20 น.	3.00	7.2	-	N/A	-	✓	✓	15	16	✓	✓	
31				-	N/A	-	✓	✓			✓	✓	
รวม				6.00	-	12.00							

Remark / หมายเหตุ

Used within month / Remain (ปริมาณที่ใช้จริงในรอบเดือน / ยอดคงเหลือ)

Chlorine (คลอรีน)	6.00	Kg	Powder (สารกรอง)	12.00	Kg / Lite	Hydrochloric Acid (กรดเกลือ)	Kg
Soda Ash (โซดาแอส)	-	Kg	Sodium Bicarbonate (โซเดียมไบคาร์บอเนต)		Kg		

Note : Please Mark NA if not applicable. ☒ Normal ☒ Abnormal (กรุณาใส่ NA ถ้าไม่เกี่ยวข้อง. ☒ ปกติ ☒ ไม่ปกติ

Verified By / หน่วยงานตรวจสอบโดย
Signature / ลงชื่อ (BM / ผู้จัดการอาคาร)