

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 : JULY 21, 2023
MEASURING TIME : 10:30 HOUR
SAMPLING METHOD : GRAB
MEASURED BY :
RECEIVED DATE : -
ANALYTICAL DATE : -
REPORT NO. : 2023-U063471
WORK NO. : 2022-009711
ANALYSIS NO. : T23AO067-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			ถังเก็บน้ำาดฟ้า T23AO067-0004		
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. 2560 (2017).

.....

.....
LABORATORY SUPERVISOR

AUGUST 3, 2023



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 : JULY 21, 2023
MEASURING TIME : 10:15 HOUR
SAMPLING METHOD : GRAB
MEASURED BY : 
RECEIVED DATE : -
ANALYTICAL DATE : -
REPORT NO. : 2023-U063470
WORK NO. : 2022-009711
ANALYSIS NO. : T23A0067-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			ถังเก็บน้ำใต้ดิน T23A0067-0003		
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. 2560 (2017).

.....

LABORATORY SUPERVISOR

AUGUST 3, 2023



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 : JULY 21, 2023
SAMPLING TIME : 10:40 HOUR
SAMPLING METHOD ° : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY ° :
ANALYZED BY :
RECEIVED DATE : JULY 21, 2023
ANALYTICAL DATE : JULY 21-26, 2023
REPORT NO. : 2023-U063468
WORK NO. : 2022-009711
ANALYSIS NO. : T23AO067-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T23AO067-0002		
TOTAL ALKALINITY °	mg/L as CaCO ₃	TITRATION METHOD (SM: PART 2320 B)	40.0	80-100	-
CALCIUM HARDNESS °	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 3500-Ca B)	108	250-600	4.0
AMMONIA °	mg/L NH ₃	PHENATE METHOD (SM: PART 4500-NH ₃ F)	0.10	≤ 20	0.05
NITRATE °	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	0.44	≤ 50	0.09
CYANURIC ACID °	mg/L	TURBIDIMETRIC METHOD	38	30-60	1
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)	2.0	0.5-1.0	0.1
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 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
			SWIMMING POOL T23A0067-0002		
<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, 23rd EDITION, 2017.

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.

.....
[Signature]
.....
LABORATORY SUPERVISOR

AUGUST 3, 2023

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 : JULY 21, 2023
SAMPLING TIME : 10:40 HOUR
SAMPLING METHOD * : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : JULY 21, 2023
ANALYTICAL DATE : JULY 21-24, 2023
REPORT NO. : 2023-U063469
WORK NO. : 2022-009711
ANALYSIS NO. : T23A0067-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T23A0067-0002		
MICROBIOLOGY					
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

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

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

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

.....
[Signature]
.....

LABORATORY SUPERVISOR

AUGUST 3, 2023



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 : -
SAMPLE TYPE : BLANK (WATER SAMPLE FROM SWIMMING POOL) **RECEIVED DATE** : JULY 21, 2023
SAMPLING DATE : - **ANALYTICAL DATE** : JULY 21-26, 2023
SAMPLING TIME : - **REPORT NO.** : 2023-U063473
SAMPLING METHOD : - **WORK NO.** : 2022-009711
SAMPLING BY : - **ANALYSIS NO.** : 2023-FB0728, 2023-TB0687
ANALYZED BY : [REDACTED]

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		DETECTION LIMIT
			1 2023-FB0728	2 2023-TB0687	
CALCIUM HARDNESS	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 3500-Ca B)	ND	ND	4.0
AMMONIA	mg/L NH ₃	PHENATE METHOD (SM: PART 4500-NH ₃ F)	ND	ND	0.05
NITRATE	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	ND	ND	0.09
MICROBIOLOGY					
COLIFORM BACTERIA	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 1.1	1.1
FAECAL COLIFORM BACTERIA	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	< 1.1	< 1.1	1.1
<i>E. coli</i>	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i>	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-
<i>Staphylococcus aureus</i>	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	COLOURLESS/CLEAR	
SEDIMENT			-	-	

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

RESULT 1 : FIELD BLANK

RESULT 2 : TRIP BLANK

ND : NON-DETECTABLE.

LABORATORY SUPERVISOR

AUGUST 3, 2023



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 : AUGUST 15, 2023
SAMPLING TIME : 13:40 HOUR
SAMPLING METHOD ° : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY ° :
ANALYZED BY :
RECEIVED DATE : AUGUST 15, 2023
ANALYTICAL DATE : AUGUST 15-21, 2023
REPORT NO. : 2023-U069783
WORK NO. : 2022-009711
ANALYSIS NO. : T23AP654-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T23AP654-0002		
TOTAL ALKALINITY °	mg/L as CaCO ₃	TITRATION METHOD (SM: PART 2320 B)	45.1	80-100	-
CALCIUM HARDNESS °	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 3500-Ca B)	91.2	250-600	4.0
AMMONIA °	mg/L NH ₃	PHENATE METHOD (SM: PART 4500-NH ₃ F)	0.21	≤ 20	0.05
NITRATE °	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	1.02	≤ 50	0.09
CYANURIC ACID °	mg/L	TURBIDIMETRIC METHOD	37	30-60	1
FREE CHLORINE °	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	1.0	0.6-1.0	0.1
COMBINED CHLORINE °	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.2	0.5-1.0	0.1
MICROBIOLOGY					
COLIFORM BACTERIA °	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA °	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221E)	< 1.1	NOT DETECTED	1.1
<i>E. coli</i> °	/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
			SWIMMING POOL T23AP654-0002		
<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, 23rd EDITION, 2017.

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.

.....
[Signature]
LABORATORY SUPERVISOR

AUGUST 24, 2023

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 : AUGUST 15, 2023
SAMPLING TIME : 13:40 HOUR
SAMPLING METHOD * : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : AUGUST 15, 2023
ANALYTICAL DATE : AUGUST 15-20, 2023
REPORT NO. : 2023-U069784
WORK NO. : 2022-009711
ANALYSIS NO. : T23AP654-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T23AP654-0002		
MICROBIOLOGY					
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

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

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

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

LABORATORY SUPERVISOR

AUGUST 24, 2023



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 : SEPTEMBER 8, 2023
SAMPLING TIME : 13:30 HOUR
SAMPLING METHOD ° : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY ° :
ANALYZED BY :
RECEIVED DATE : SEPTEMBER 8, 2023
ANALYTICAL DATE : SEPTEMBER 8-15, 2023
REPORT NO. : 2023-U078503
WORK NO. : 2022-009711
ANALYSIS NO. : T23AR675-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T23AR675-0002		
TOTAL ALKALINITY °	mg/L as CaCO ₃	TITRATION METHOD (SM: PART 2320 B)	36.9	80-100	-
CALCIUM HARDNESS °	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 3500-Ca B)	89.8	250-600	4.0
AMMONIA °	mg/L NH ₃	PHENATE METHOD (SM: PART 4500-NH ₃ F)	0.05	≤ 20	0.05
NITRATE °	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	1.68	≤ 50	0.09
CYANURIC ACID °	mg/L	TURBIDIMETRIC METHOD	34	30-60	1
FREE CHLORINE °	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.8	0.6-1.0	0.1
COMBINED CHLORINE °	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.8	0.5-1.0	0.1
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	2.2	< 10	1.1
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 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
			SWIMMING POOL T23AR675-0002		
<i>Pseudomonas aeruginosa</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	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, 23rd EDITION, 2017.

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.

LABORATORY SUPERVISOR

SEPTEMBER 21, 2023

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 : SEPTEMBER 8, 2023
SAMPLING TIME : 13:30 HOUR
SAMPLING METHOD * : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : SEPTEMBER 8, 2023
ANALYTICAL DATE : SEPTEMBER 8-12, 2023
REPORT NO. : 2023-U078505
WORK NO. : 2022-009711
ANALYSIS NO. : T23AR675-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T23AR675-0002		
MICROBIOLOGY					
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

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

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.
REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

LABORATORY SUPERVISOR

SEPTEMBER 21, 2023



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 : OCTOBER 31, 2023
SAMPLING TIME : 11:25 HOUR
SAMPLING METHOD ° : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY ° :
ANALYZED BY :
RECEIVED DATE : OCTOBER 31, 2023
ANALYTICAL DATE : OCTOBER 31-NOVEMBER 9, 2023
REPORT NO. : 2023-U095836
WORK NO. : 2022-009711
ANALYSIS NO. : T23AV610-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T23AV610-0002		
TOTAL ALKALINITY °	mg/L as CaCO ₃	TITRATION METHOD (SM: PART 2320 B)	51.3	80-100	-
CALCIUM HARDNESS °	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 3500-Ca B)	58.7	-	4.0
AMMONIA °	mg/L NH ₃	PHENATE METHOD (SM: PART 4500-NH ₃ F)	ND	≤ 20	0.05
NITRATE °	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	0.66	≤ 50	0.09
CYANURIC ACID °	mg/L	TURBIDIMETRIC METHOD	30	30-60	1
FREE CHLORINE °	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.8	0.6-1.0	0.1
COMBINED CHLORINE °	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.7	0.5-1.0	0.1
MICROBIOLOGY					
COLIFORM BACTERIA °	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA °	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	< 1.1	NOT DETECTED	1.1
<i>E. coli</i> °	/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
			SWIMMING POOL T23AV610-0002		
<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, 23rd EDITION, 2017.

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.

.....

LABORATORY SUPERVISOR

NOVEMBER 13, 2023

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 : OCTOBER 31, 2023
SAMPLING TIME : 11:25 HOUR
SAMPLING METHOD * : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : OCTOBER 31, 2023
ANALYTICAL DATE : OCTOBER 31 - NOVEMBER 6, 2023
REPORT NO. : 2023-U095838
WORK NO. : 2022-009711
ANALYSIS NO. : T23AV610-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T23AV610-0002		
MICROBIOLOGY					
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

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

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

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

LABORATORY SUPERVISOR

NOVEMBER 13, 2023



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 : NOVEMBER 17, 2023
SAMPLING TIME : 10:10 HOUR
SAMPLING METHOD ° : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY ° :
ANALYZED BY :
RECEIVED DATE : NOVEMBER 17, 2023
ANALYTICAL DATE : NOVEMBER 17-23, 2023
REPORT NO. : 2023-U102360
WORK NO. : 2022-009711
ANALYSIS NO. : T23AW988-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T23AW988-0002		
AMMONIA °	mg/L NH ₃	PHENATE METHOD (SM: PART 4500-NH ₃ F)	ND	≤ 20	0.05
CALCIUM HARDNESS °	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 3500-Ca B)	64.6	250-600	4.0
COMBINED CHLORINE °	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.4	0.5-1.0	0.1
CYANURIC ACID °	mg/L	TURBIDIMETRIC METHOD	30	30-60	1
FREE CHLORINE °	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	1.0	0.6-1.0	0.1
NITRATE °	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ E)	0.62	≤ 50	0.09
TOTAL ALKALINITY °	mg/L as CaCO ₃	TITRATION METHOD (SM: PART 2320 B)	41.0	80-100	-
MICROBIOLOGY					
FAECAL COLIFORM BACTERIA °	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	3.6	NOT DETECTED	1.1
COLIFORM BACTERIA °	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	3.6	< 10	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
			SWIMMING POOL T23AW988-0002		
<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, 23rd EDITION, 2017.

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

ND : NON-DETECTABLE.

LABORATORY SUPERVISOR

NOVEMBER 28, 2023

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 : NOVEMBER 17, 2023
SAMPLING TIME : 10:10 HOUR
SAMPLING METHOD * : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : NOVEMBER 17, 2023
ANALYTICAL DATE : NOVEMBER 17-19, 2023
REPORT NO. : 2023-U102361
WORK NO. : 2022-009711
ANALYSIS NO. : T23AW988-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T23AW988-0002		
MICROBIOLOGY					
<i>Staphylococcus aureus</i> #	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

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

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

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

LABORATORY SUPERVISOR

NOVEMBER 28, 2023



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 : DECEMBER 19, 2023
SAMPLING TIME : 12:00 HOUR
SAMPLING METHOD ° : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY ° :
ANALYZED BY :
RECEIVED DATE : DECEMBER 19, 2023
ANALYTICAL DATE : DECEMBER 19-26, 2023
REPORT NO. : 2023-U112407
WORK NO. : 2022-009711
ANALYSIS NO. : T23AZ432-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T23AZ432-0002		
AMMONIA °	mg/L NH ₃	PHENATE METHOD (SM: PART 4500-NH ₃ F)	ND	≤ 20	0.05
CALCIUM HARDNESS °	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 3500-Ca B)	76.3	250-600	4.0
COMBINED CHLORINE °	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	0.5-1.0	0.1
CYANURIC ACID °	mg/L	TURBIDIMETRIC METHOD	41	30-60	1
FREE CHLORINE °	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	3.0	0.6-1.0	0.1
NITRATE °	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	ND	≤ 50	0.09
TOTAL ALKALINITY °	mg/L as CaCO ₃	TITRATION METHOD (SM: PART 2320 B)	80.0	80-100	-
MICROBIOLOGY					
FAECAL COLIFORM BACTERIA °	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	< 1.1	NOT DETECTED	1.1
COLIFORM BACTERIA °	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	< 1.1	< 10	1.1
<i>E. coli</i> °	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
<i>Pseudomonas aeruginosa</i> °	/100 mL	MEMBRANE FILTER TECHNIQUE (ISO 16266)	NOT DETECTED	NOT DETECTED	-



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T23AZ432-0002		
<i>Staphylococcus aureus</i> ^c	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: PART 9213 B)	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, 23rd EDITION, 2017.

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

ND : NON-DETECTABLE.

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NONE.

LABORATORY SUPERVISOR

DECEMBER 28, 2023

Swimming Pool Daily Checklist
ใบรายงานการตรวจสอบสระว่ายน้ำ
Sheet No. / แผ่นที่ 1
Month / เดือน กรกฎาคม Year / ปี 2566
Building / อาคาร อาทิมิส กรุงเทพ

Date วันที่	Time เวลา	Status Record บันทึกค่า		Adding / การเติม			Condition of Equipment / สภาพของอุปกรณ์								Recorded By บันทึก โดย	Checked By Tech. Sup. ตรวจสอบโดย หัวหน้าช่าง
		CL. (1-1.5)	PH (7.2-7.6)	Chlorine คลอรีน (kg.)	Soda Ash โซดา-แอส (kg.)	Powder สารกรอง (kg./Lt)	Pump Set ชุดปั้มน้ำ		ปั้ม น้ำพุ No.	Pressure Tank แรงดันของถัง(.....PSI)		Filter Set ชุดไส้กรองน้ำ				
							No.1	No.2		No.	No.1	No.2	No.1	No.2		
1	08.35	1.0	7.2	-	-	-	✓	✓	N/A	12	12	✓	✓			
2	08.46	1.0	7.2	-	-	-	✓	✓	N/A	12	12	✓	✓			
3	08.31	1.5	7.2	-	-	-	✓	✓	N/A	16	12	✓	✓			
4	08.20	1.5	7.6	-	-	-	✓	✓	N/A	18	16	✓	✓			
5	07.35	1.5	7.6	-	-	-	✓	✓	N/A	22	22	✓	✓			
6	07.25	1.0	7.6	-	-	3kg	✓	✓	N/A	22	22	✓	✓			
7	07.35	3.0	7.6	-	-	-	✓	✓	N/A	10	10	✓	✓			
8	09.00	3.0	7.6	-	-	-	✓	✓	N/A	10	12	✓	✓			
9	08.35	1.0	7.2	-	-	-	✓	✓	N/A	12	12	✓	✓			
10	08.20	1.0	7.2	-	-	-	✓	✓	N/A	12	16	✓	✓			
11	08.11	1.5	7.2	-	-	-	✓	✓	N/A	12	18	✓	✓			
12	07.35	1.5	7.6	-	-	-	✓	✓	N/A	20	20	✓	✓			
13	08.43	1.0	7.6	-	-	3kg	✓	✓	N/A	22	22	✓	✓			
14	08.20	1.0	7.6	-	-	-	✓	✓	N/A	22	10	✓	✓			
15	07.14	1.5	7.6	-	-	-	✓	✓	N/A	10	12	✓	✓			
16	07.20	1.5	7.6	-	-	-	✓	✓	N/A	12	14	✓	✓			
17	07.35	1.5	7.6	-	-	-	✓	✓	N/A	14	14	✓	✓			
18	07.50	1.5	7.6	-	-	-	✓	✓	N/A	16	16	✓	✓			
19	09.38	1.5	7.6	-	-	-	✓	✓	N/A	18	18	✓	✓			
20	07.50	1.5	7.6	-	-	3kg	✓	✓	N/A	20	20	✓	✓			
21	08.11	1.0	7.2	-	-	-	✓	✓	N/A	12	12	✓	✓			
22	08.35	1.0	7.2	-	-	-	✓	✓	N/A	12	12	✓	✓			
23	08.23	1.0	7.2	-	-	-	✓	✓	N/A	12	14	✓	✓			
24	08.45	1.5	7.6	-	-	-	✓	✓	N/A	14	14	✓	✓			
25	08.30	1.5	7.6	-	-	-	✓	✓	N/A	16	16	✓	✓			
26	07.53	3.0	7.8	-	-	-	✓	✓	N/A	28	28	✓	✓			
27	07.50	1.5	7.8	-	-	3kg	✓	✓	N/A	29	29	✓	✓			
28	07.51	1.0	7.8	-	-	-	✓	✓	N/A	20	20	✓	✓			
29	07.40	1.0	7.2	-	-	-	✓	✓	N/A	20	20	✓	✓			
30	07.50	1.0	7.2	-	-	-	✓	✓	N/A	20	20	✓	✓			
31	08.05	1.0	7.2	-	-	-	✓	✓	N/A	22	22	✓	✓			
รวม																
Remark / หมายเหตุ																
Used within month / Remain (ปริมาณที่ใช้จริงในรอบเดือน / ยอดคงเหลือ)																
Chlorine (คลอรีน)				Kg.		Powder (สารกรอง)		Kg. / Litre		Hydrochloric Acid (กรดเกลือ)				Kg.		
Soda Ash (โซดา-แอส)				Kg.		Sodium Bicarbonate (โซเดียมไบคาร์บอเนต)				Kg.						

Note : Please Mark N/A if not applicable, / Normal, X Abnormal / กรุณาใส่ N/A ถ้าไม่มีข้อมูล, / ปกติ, X ไม่ปกติ

Verified By / ทบทวนตรวจสอบโดย

Signature / ลายเซ็น /BM /ผู้จัดการอาคาร)

Date / วันที่ 29/12/66

Swimming Pool Daily Checklist

ใบรายงานการตรวจสอบสระว่ายน้ำ

Sheet No. / แผ่นที่ 1

Month / เดือน สิงหาคม Year / ปี 2566

Building / อาคาร อาร์ทิมิส กรุงเทพฯ

Date วันที่	Time เวลา	Status Record บันทึกค่า		Adding / การเติม			Condition of Equipment / สภาพของอุปกรณ์								Recorded By บันทึก โดย	Checked By Tech. Sup. ตรวจสอบโดย หัวหน้าช่าง
		CL. (1-1.5)	PH (7.2-7.6)	Chlorine คลอรีน (kg.)	Soda Ash โซดา-แอช (kg.)	Powder สารกรอง (kg./Lt)	Pump Set ชุดปั้มน้ำ		น้ำพุ	Pressure Tank แรงดันของถัง(30 PSI)		Filter Set ชุดไส้กรองน้ำ				
							No.1	No.2		No...	No.1	No.2	No.1	No.2		
1	8.33	1.0	7.2	-	-	-	✓	✓	N/A	16	16	✓	✓			
2	8.05	1.0	7.2	-	-	-	✓	✓	N/A	18	18	✓	✓			
3	09.00	1.5	7.6	-	-	-	✓	✓	N/A	20	20	✓	✓			
4	09.11	1.5	7.6	-	-	-	✓	✓	N/A	20	20	✓	✓			
5	8.25	1.5	7.6	-	-	-	✓	✓	N/A	24	24	✓	✓			
6	08.11	7.0	7.6	-	-	3 kg.	✓	✓	N/A	12	10	✓	✓			
7	8.00	1.0	7.2	-	-	-	✓	✓	N/A	12	12	✓	✓			
8	7.50	1.0	7.2	-	-	-	✓	✓	N/A	14	14	✓	✓			
9	8.11	1.0	7.6	-	-	-	✓	✓	N/A	14	14	✓	✓			
10	9.15	1.5	7.6	-	-	-	✓	✓	N/A	16	16	✓	✓			
11	8.10	1.5	7.6	-	-	-	✓	✓	N/A	18	18	✓	✓			
12	8.39	1.0	7.2	-	-	-	✓	✓	N/A	20	20	✓	✓			
13	8.40	1.0	7.6	-	-	3 kg.	✓	✓	N/A	12	12	✓	✓			
14	8.12	1.0	7.6	-	-	-	✓	✓	N/A	12	12	✓	✓			
15	8.11	1.5	7.6	-	-	-	✓	✓	N/A	14	14	✓	✓			
16	8.21	1.0	7.2	-	-	-	✓	✓	N/A	16	16	✓	✓			
17	8.35	1.0	7.2	-	-	-	✓	✓	N/A	18	18	✓	✓			
18	9.10	1.0	7.2	-	-	-	✓	✓	N/A	20	20	✓	✓			
19	9.00	1.5	7.2	-	-	-	✓	✓	N/A	20	20	✓	✓			
20	8.40	1.5	7.6	-	-	3 kg.	✓	✓	N/A	10	10	✓	✓			
21	7.40	1.5	7.6	-	-	-	✓	✓	N/A	12	12	✓	✓			
22	8.11	1.5	7.6	-	-	-	✓	✓	N/A	14	14	✓	✓			
23	8.35	1.5	7.6	-	-	-	✓	✓	N/A	16	16	✓	✓			
24	8.40	1.0	7.6	-	-	-	✓	✓	N/A	18	18	✓	✓			
25	8.50	1.0	7.6	-	-	-	✓	✓	N/A	18	18	✓	✓			
26	8.21	1.0	7.2	-	-	-	✓	✓	N/A	20	20	✓	✓			
27	8.22	1.0	7.2	-	-	3 kg.	✓	✓	N/A	10	10	✓	✓			
28	8.35	1.0	7.2	-	-	-	✓	✓	N/A	12	12	✓	✓			
29	8.41	1.0	7.2	-	-	-	✓	✓	N/A	14	14	✓	✓			
30	8.44	1.0	7.2	-	-	-	✓	✓	N/A	16	16	✓	✓			
31	8.11	1.5	7.6	-	-	-	✓	✓	N/A	18	18	✓	✓			
รวม																
Remark / หมายเหตุ																
Used within month / Remain (ปริมาณที่ใช้จริงในรอบเดือน / ยอดคงเหลือ)																
Chlorine (คลอรีน)				Kg.	Powder (สารกรอง)				Kg. / Litre	Hydrochloric Acid (กรดเกลือ)				Kg.		
Soda Ash (โซดา-แอช)				Kg.	Sodium Bicarbonate (โซเดียมไบคาร์บอเนต)				Kg.							

Note : Please Mark N/A if not applicable, ✓ Normal, ✗ Abnormal / กรุณาใส่ N/A ถ้าไม่มีข้อมูล, ✓ ปกติ, ✗ ไม่ปกติ Verified By / ทบทวนตรวจสอบโดย

Signature / ลายเซ็น (B.M. / ผู้จัดการอาคาร)

Date / วันที่ 29/12/66

Swimming Pool Daily Checklist
ใบรายงานการตรวจสอบสระว่ายน้ำ
Sheet No. / แผ่นที่ 1
Month / เดือน กันยายน Year / ปี 2566
Building / อาคาร อาทิมิส กรุงเทพ

Date วันที่	Time เวลา	Status Record บันทึกค่า		Adding / การเติม			Condition of Equipment / สภาพของอุปกรณ์								Recorded By บันทึก โดย	Checked By Tech. Sup. ตรวจสอบโดย หัวหน้าช่าง
		CL (1-1.5)	PH (7.2-7.6)	Chlorine คลอรีน (kg.)	Soda Ash โซดา-แอช (kg.)	Powder สารกรอง (kg./Lt)	Pump Set ชุดปั้มน้ำ		ปั้ม น้ำพุ No.	Pressure Tank แรงดันของถัง(.....PSI)		Filter Set ชุดไส้กรองน้ำ				
							No.1	No.2		No.1	No.2	No.1	No.2			
1	08.11	9.0	7.6	-	-	-	✓	✓	N/A	12	12	✓	✓			
2	07.25	9.0	7.2	-	-	-	✓	✓	N/A	12	12	✓	✓			
3	8.25	3.0	7.6	-	-	3 kg.	✓	✓	N/A	14	14	✓	✓			
4	8.40	1.5	7.2	-	-	-	✓	✓	N/A	16	16	✓	✓			
5	09.25	1.5	7.6	-	-	-	✓	✓	N/A	18	18	✓	✓			
6	09.30	1.5	7.6	-	-	-	✓	✓	N/A	20	20	✓	✓			
7	09.42	1.5	7.6	-	-	-	✓	✓	N/A	20	20	✓	✓			
8	08.51	1.0	7.2	-	-	-	✓	✓	N/A	22	22	✓	✓			
9	08.11	1.0	7.2	-	-	-	✓	✓	N/A	22	22	✓	✓			
10	08.15	1.0	7.2	-	-	3 kg.	✓	✓	N/A	24	24	✓	✓			
11	08.00	1.0	7.2	-	-	-	✓	✓	N/A	10	10	✓	✓			
12	08.11	3.0	7.6	-	-	-	✓	✓	N/A	12	12	✓	✓			
13	08.20	1.5	7.6	-	-	-	✓	✓	N/A	14	14	✓	✓			
14	08.11	1.5	7.6	-	-	-	✓	✓	N/A	16	16	✓	✓			
15	09.45	1.0	7.6	-	-	-	✓	✓	N/A	18	18	✓	✓			
16	09.50	1.5	7.6	-	-	-	✓	✓	N/A	20	20	✓	✓			
17	09.42	1.5	7.6	-	-	3 kg.	✓	✓	N/A	22	22	✓	✓			
18	08.06	1.5	7.6	-	-	-	✓	✓	N/A	10	10	✓	✓			
19	07.01	1.0	7.2	-	-	-	✓	✓	N/A	10	12	✓	✓			
20	08.03	1.0	7.2	-	-	-	✓	✓	N/A	12	14	✓	✓			
21	08.40	3.0	7.6	-	-	-	✓	✓	N/A	12	14	✓	✓			
22	07.35	3.0	7.6	-	-	-	✓	✓	N/A	14	16	✓	✓			
23	08.18	1.5	7.6	-	-	-	✓	✓	N/A	16	16	✓	✓			
24	08.35	1.5	7.6	-	-	-	✓	✓	N/A	16	18	✓	✓			
25	07.06	1.5	7.6	-	-	3 kg.	✓	✓	N/A	18	18	✓	✓			
26	8.27	1.5	7.6	-	-	-	✓	✓	N/A	10	10	✓	✓			
27	07.50	1.0	7.6	-	-	-	✓	✓	N/A	12	12	✓	✓			
28	08.21	1.5	7.6	-	-	-	✓	✓	N/A	14	14	✓	✓			
29	08.40	1.5	7.6	-	-	-	✓	✓	N/A	18	16	✓	✓			
30	08.25	1.5	7.6	-	-	-	✓	✓	N/A	18	18	✓	✓			
รวม																
Remark /หมายเหตุ																
Used within month / Remain (ปริมาณที่ใช้จริงในรอบเดือน / ยอดคงเหลือ)																
Chlorine (คลอรีน)		Kg.		Powder (สารกรอง)		Kg. / Litre		Hydrochloric Acid (กรดเกลือ)		Kg.						
Soda Ash (โซดา-แอช)		Kg.		Sodium Bicarbonate (โซเดียมไบคาร์บอเนต)		Kg.										

Note : Please Mark N/A if not applicable, / Normal, X Abnormal / กรุณาใส่ N/A ถ้าไม่มีข้อมูล, / ปกติ, X ไม่ปกติ

Verified By / ทบทวนตรวจสอบโดย

Signature / ลายเซ็น (ย.ร. / ผู้จัดการอาคาร)

Date / วันที่ 29/12/66

Swimming Pool Daily Checklist

ใบรายงานการตรวจสอบสระว่ายน้ำ

Sheet No. / แผ่นที่ 1

Month / เดือน ตุลาคม Year / ปี 2566

Building / อาคาร อาทิมิส กรุงเทพ

Date วันที่	Time เวลา	Status Record บันทึกค่า		Adding / การเติม			Condition of Equipment / สภาพของอุปกรณ์						Recorded	Checked By	
		CL (1-1.5)	PH (7.2-7.6)	Chlorine คลอรีน (kg.)	Soda Ash โซดา-แอส (kg.)	Powder สารกรอง (kg./Lt)	Pump Set ชุดปั๊มน้ำ		ปั้ม น้ำ แรงดันของถัง(.....PSI)	Pressure Tank		Filter Set ชุดไส้กรองน้ำ		By	Tech. Sup.
				No.1	No.2	No.	No.1	No.2		No.1	No.2	บันทึก โดย	ตรวจสอบโดย หัวหน้าช่าง		
1	08.17	1.0	7.2	-	-	3 kg.	✓	✓	N/A	10	10	✓	✓		
2	08.40	1.0	7.2	-	-	-	✓	✓	N/A	12	12	✓	✓		
3	07.51	1.0	7.2	-	-	-	✓	✓	N/A	12	12	✓	✓		
4	08.33	1.5	7.6	-	-	-	✓	✓	N/A	14	14	✓	✓		
5	07.49	1.5	7.6	-	-	-	✓	✓	N/A	14	14	✓	✓		
6	08.35	1.5	7.6	-	-	-	✓	✓	N/A	16	16	✓	✓		
7	08.44	1.0	7.6	-	-	-	✓	✓	N/A	18	18	✓	✓		
8	08.32	1.5	7.6	-	-	3 kg.	✓	✓	N/A	18	18	✓	✓		
9	08.50	1.5	7.6	-	-	-	✓	✓	N/A	12	12	✓	✓		
10	08.58	1.5	7.6	-	-	-	✓	✓	N/A	14	12	✓	✓		
11	08.33	3.0	7.6	-	-	-	✓	✓	N/A	14	14	✓	✓		
12	08.44	3.0	7.6	-	-	-	✓	✓	N/A	16	14	✓	✓		
13	07.52	1.5	7.2	-	-	-	✓	✓	N/A	16	16	✓	✓		
14	08.40	1.5	7.2	-	-	-	✓	✓	N/A	18	18	✓	✓		
15	08.30	1.5	7.2	-	-	3 kg.	✓	✓	N/A	16	16	✓	✓		
16	08.00	1.5	7.2	-	-	-	✓	✓	N/A	12	12	✓	✓		
17	08.20	1.5	7.2	-	-	-	✓	✓	N/A	16	16	✓	✓		
18	08.50	1.5	7.6	-	-	-	✓	✓	N/A	16	16	✓	✓		
19	08.20	1.5	7.6	-	-	-	✓	✓	N/A	18	18	✓	✓		
20	09.15	1.5	7.6	-	-	-	✓	✓	N/A	18	18	✓	✓		
21	08.41	1.0	7.2	-	-	-	✓	✓	N/A	20	20	✓	✓		
22	08.11	1.0	7.2	-	-	3 kg.	✓	✓	N/A	10	10	✓	✓		
23	08.37	1.5	7.6	-	-	-	✓	✓	N/A	12	12	✓	✓		
24	08.43	1.5	7.6	-	-	-	✓	✓	N/A	12	12	✓	✓		
25	08.11	1.5	7.6	-	-	-	✓	✓	N/A	14	14	✓	✓		
26	8-00	3.0	7.6	-	-	-	✓	✓	N/A	16	16	✓	✓		
27	08.00	1.5	7.2	-	-	-	✓	✓	N/A	16	16	✓	✓		
28	08.15	1.5	7.2	-	-	-	✓	✓	N/A	18	18	✓	✓		
29	08.40	1.0	7.2	-	-	3 kg.	✓	✓	N/A	18	18	✓	✓		
30	08.50	1.0	7.6	-	-	-	✓	✓	N/A	10	10	✓	✓		
31	08.35	3.0	7.6	-	-	-	✓	✓	N/A	12	12	✓	✓		

รวม

Remark / หมายเหตุ

Used within month / Remain (ปริมาณที่ใช้จริงในรอบเดือน / ยอดคงเหลือ)

Chlorine (คลอรีน) _____ Kg. Powder (สารกรอง) _____ Kg. / Litre Hydrochloric Acid (กรดเกลือ) _____ Kg.

Soda Ash (โซดา-แอส) _____ Kg. Sodium Bicarbonate (โซเดียมไบคาร์บอเนต) _____ Kg.

Note : Please Mark N/A if not applicable, / Normal, X Abnormal / กรุณาใส่ N/A ถ้าไม่มีข้อมูล, / ปกติ, X ไม่ปกติ

Verified By / ทบทวนตรวจสอบโดย

Signature / ลายเซ็น (BM. / ผู้จัดการอาคาร)

Date / วันที่ 14/11/66 9/11/66

Swimming Pool Daily Checklist
ใบรายงานการตรวจสอบสระว่ายน้ำ
Sheet No. / แผ่นที่ 1
Month / เดือน พฤศจิกายน Year / ปี 2566
Building / อาคาร อาทิมิส กรุงเทพ

Date วันที่	Time เวลา	Status Record บันทึกค่า		Adding / การเติม			Condition of Equipment / สภาพของอุปกรณ์								Recorded By บันทึก โดย	Checked By Tech. Sup. ตรวจสอบโดย หัวหน้าช่าง
		CL (1-1.5)	PH (7.2-7.6)	Chlorine คลอรีน (kg.)	Soda Ash โซดา-แอช (kg.)	Powder สารกรอง (kg./Lt)	Pump Set ชุดปั้มน้ำ		น้ำพุ	Pressure Tank แรงดันของถัง(.....PSI)		Filter Set ชุดไส้กรองน้ำ				
							No.1	No.2		No.	No.1	No.2	No.1	No.2		
1	08:15	1.0	7.2	-	-	-	✓	✓	N/A	12	12	✓	✓			
2	08:33	1.0	7.2	-	-	-	✓	✓	N/A	12	12	✓	✓			
3	08:21	1.5	7.6	-	-	-	✓	✓	N/A	12	12	✓	✓			
4	08:40	1.5	7.6	-	-	-	✓	✓	N/A	14	14	✓	✓			
5	08:17	0.2	7.2	-	-	3kg	✓	✓	N/A	14	16	✓	✓			
6	08:35	1.0	7.2	-	-	-	✓	✓	N/A	16	16	✓	✓			
7	07:55	1.5	7.2	-	-	-	✓	✓	N/A	18	18	✓	✓			
8	07:40	1.0	7.6	-	-	-	✓	✓	N/A	20	20	✓	✓			
9	07:33	0.2	7.6	-	-	-	✓	✓	N/A	20	20	✓	✓			
10	07:42	1.5	7.6	-	-	-	✓	✓	N/A	20	20	✓	✓			
11	08:35	1.5	7.6	-	-	-	✓	✓	N/A	20	20	✓	✓			
12	08:40	1.5	7.6	-	-	3kg	✓	✓	N/A	10	10	✓	✓			
13	08:00	1.5	7.6	-	-	-	✓	✓	N/A	12	12	✓	✓			
14	08:35	1.5	7.2	-	-	-	✓	✓	N/A	14	14	✓	✓			
15	08:40	1.0	7.2	-	-	-	✓	✓	N/A	14	14	✓	✓			
16	08:35	1.0	7.2	-	-	-	✓	✓	N/A	14	14	✓	✓			
17	08:20	1.0	7.2	-	-	-	✓	✓	N/A	16	16	✓	✓			
18	08:40	1.5	7.6	-	-	-	✓	✓	N/A	16	16	✓	✓			
19	08:50	1.5	7.2	-	-	3kg	✓	✓	N/A	16	16	✓	✓			
20	08:40	1.0	7.2	-	-	-	✓	✓	N/A	10	10	✓	✓			
21	08:35	1.0	7.2	-	-	-	✓	✓	N/A	12	12	✓	✓			
22	08:33	1.0	7.6	-	-	-	✓	✓	N/A	16	16	✓	✓			
23	09:01	1.5	7.6	-	-	-	✓	✓	N/A	16	16	✓	✓			
24	08:00	1.5	7.6	-	-	-	✓	✓	N/A	16	16	✓	✓			
25	08:45	1.0	7.2	-	-	-	✓	✓	N/A	18	18	✓	✓			
26	08:32	1.0	7.2	-	-	3kg	✓	✓	N/A	18	18	✓	✓			
27	08:25	1.5	7.6	-	-	-	✓	✓	N/A	10	10	✓	✓			
28	07:21	1.5	7.6	-	-	-	✓	✓	N/A	10	10	✓	✓			
29	07:32	1.5	7.6	-	-	-	✓	✓	N/A	12	12	✓	✓			
30	07:21	1.5	7.6	-	-	-	✓	✓	N/A	14	14	✓	✓			
รวม																
Remark / หมายเหตุ																
Used within month / Remain (ปริมาณที่ใช้จริงในรอบเดือน / ยอดคงเหลือ)																
Chlorine (คลอรีน)		Kg.		Powder (สารกรอง)		Kg. / Litre		Hydrochloric Acid (กรดเกลือ)		Kg.						
Soda Ash (โซดา-แอช)		Kg.		Sodium Bicarbonate (โซเดียมไบคาร์บอเนต)		Kg.										

Note : Please Mark N/A if not applicable, / Normal, X Abnormal / กรุณาใส่ N/A ถ้าไม่มีข้อมูล, / ปกติ, X ไม่ปกติ

Verified By / ทบทวนตรวจสอบโดย

Signature / ลายเซ็น (PM. / ผู้จัดการอาคาร)

Date / วันที่ ๒๙/๑๒/๖๖

Swimming Pool Daily Checklist
ใบรายงานการตรวจสอบสระว่ายน้ำ
Sheet No. / แผ่นที่ 1
Month / เดือน ธันวาคม Year / ปี 2566
Building / อาคาร อาทิมิส กรุงเทพ

Date วันที่	Time เวลา	Status Record บันทึกค่า		Adding / การเติม			Condition of Equipment / สภาพของอุปกรณ์								Recorded By บันทึก โดย	Checked By Tech. Sup. ตรวจสอบโดย หัวหน้าช่าง		
		CL. (1-1.5)	PH (7.2-7.6)	Chlorine คลอรีน (kg.)	Soda Ash โซดา-แอส (kg.)	Powder สารกรอง (kg./Lt)	Pump Set ชุดปั้มน้ำ		ปั้ม น้ำพุ	Pressure Tank แรงดันของถัง(.....PSI)		Filter Set ชุดไส้กรองน้ำ						
							No.1	No.2		No.	No.1	No.2	No.1	No.2				
1	01.55	1.5	7.6	-	-	-	/	/	N/A	16	16	/	/					
2	08.41	1.5	7.6	-	-	-	/	/	N/A	16	18	✓	✓					
3	08.31	1.5	7.6	-	-	3kg	/	/	N/A	16	18	✓	✓					
4	07.30	3.0	7.6	-	-	-	/	/	N/A	16	20	/	/					
5	07.00	3.0	7.6	-	-	-	/	/	N/A	20	16	/	/					
6	07.42	3.0	7.6	-	-	-	/	/	N/A	16	16	/	/					
7	07.10	1.5	7.6	-	-	-	/	/	N/A	16	18	/	/					
8	07.51	1.0	7.2	-	-	-	/	/	N/A	18	18	✓	✓					
9	8.05	1.0	7.2	-	-	-	/	/	N/A	18	20	✓	✓					
10	8.15	1.5	7.2	-	-	3kg	/	/	N/A	12	12	✓	✓					
11	09.00	1.0	7.2	-	-	-	/	/	N/A	12	12	✓	✓					
12	07.51	1.0	7.6	-	-	-	/	/	N/A	14	14	/	/					
13	07.20	1.0	7.6	-	-	-	/	/	N/A	16	16	/	/					
14	07.50	1.5	7.6	-	-	-	/	/	N/A	18	18	/	/					
15	09.00	1.5	7.6	-	-	-	✓	✓	N/A	18	18	✓	✓					
16	09.16	1.5	7.6	-	-	-	✓	✓	N/A	20	20	✓	✓					
17	08.50	3.0	7.6	-	-	3kg	✓	✓	N/A	20	20	✓	✓					
18	08.44	3.0	7.6	-	-	-	✓	✓	N/A	12	12	✓	✓					
19	07.55	3.0	7.2	-	-	-	✓	✓	N/A	12	12	✓	✓					
20	08.11	1.5	7.2	-	-	-	✓	✓	N/A	14	14	✓	✓					
21	08.55	1.5	7.2	-	-	-	✓	✓	N/A	14	16	✓	✓					
22	09.03	1.0	7.2	-	-	-	✓	✓	N/A	16	16	✓	✓					
23	08.42	1.0	7.6	-	-	-	✓	✓	N/A	18	18	✓	✓					
24	08.35	1.0	7.6	-	-	3kg	✓	✓	N/A	20	20	✓	✓					
25	09.11	1.0	7.2	-	-	-	✓	✓	N/A	12	12	✓	✓					
26	07.37	1.0	7.6	-	-	-	✓	X	N/A	16	16	/	/					
27	07.50	1.0	7.6	-	-	-	/	/	N/A	18	18	/	/					
28	08.10	1.0	7.6	-	-	-	/	/	N/A	18	18	/	/					
29	08.40	1.5	7.2	-	-	-	/	/	N/A	18	20	✓	✓					
30	08.37	1.5	7.2	-	-	-	/	/	N/A	20	20	✓	✓					
31	09.00	1.5	7.2	-	-	-	/	/	N/A	20	20	✓	✓					
รวม																		
Remark /หมายเหตุ																		
Used within month / Remain (ปริมาณที่ใช้จริงในรอบเดือน / ยอดคงเหลือ)																		
Chlorine (คลอรีน)				Kg.	Powder (สารกรอง)				Kg. / Litre	Hydrochloric Acid (กรดเกลือ)				Kg.				
Soda Ash (โซดา-แอส)				Kg.	Sodium Bicarbonate (โซเดียมไบคาร์บอเนต)				Kg.									

Note : Please Mark N/A if not applicable, / Normal, X Abnormal / กรุณาใส่ N/A ถ้าไม่มีหรือปกติ, / ปกติ, X ไม่ปกติ

Verified By / ทนทวนตรวจสอบโดย

Signature / ลายเซ็น (BM) / ผู้จัดการอาคาร

Date / วันที่ 29/12/66

ANALYSIS REPORT

CUSTOMER NAME	: ARTEMIS BANGKOK JURISTIC PERSON	RECEIVED DATE	: JULY 21, 2023
ADDRESS	: 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250	ANALYTICAL DATE	: JULY 21-31, 2023
CONTACT INFORMATION	: TEL : 0 2130 5750, 08 1710 5929 e-mail : amb@th.knightfrank.com	REPORT NO.	: 2023-U063467
SAMPLING SOURCE	: ARTEMIS BANGKOK JURISTIC PERSON	WORK NO.	: 2022-009711
SAMPLE TYPE	: EFFLUENT	ANALYSIS NO.	: T23AO067-0001
SAMPLING DATE	: JULY 21, 2023		
SAMPLING TIME	: 10:50 HOUR		
SAMPLING METHOD ^c	: GRAB, GRAB AND STERILE TECHNIQUE		
SAMPLING BY ^c	: [REDACTED]		
ANALYZED BY	: [REDACTED]		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT T23AO067-0001		
pH ^c	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	7.4 (31°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	91.5	≤ 20	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	26.1	≤ 30	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	405	500*	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	1.8	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	76.9	≤ 35	1.5
FAT, 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
			EFFLUENT T23A0067-0001		
MICROBIOLOGY					
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221E)	>160,000	-	1.8
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID GREY		

^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

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

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

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 122,
PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

LABORATORY SUPERVISOR

AUGUST 3, 2023

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 SUPPLY
SAMPLING DATE : JULY 21, 2023
SAMPLING TIME : 10:45 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : JULY 21, 2023
ANALYTICAL DATE : JULY 21-26, 2023
REPORT NO. : 2023-U063472
WORK NO. : 2022-009711
ANALYSIS NO. : T23A0067-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T23A0067-0005	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	227	25
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -	

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

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

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

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

LABORATORY SUPERVISOR

AUGUST 3, 2023



ANALYSIS REPORT

CUSTOMER NAME	: ARTEMIS BANGKOK JURISTIC PERSON	RECEIVED DATE	: AUGUST 15, 2023
ADDRESS	: 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250	ANALYTICAL DATE	: AUGUST 15-22, 2023
CONTACT INFORMATION	: TEL : 0 2130 5750, 08 1710 5929 e-mail : amb@th.knightfrank.com	REPORT NO.	: 2023-U069782
SAMPLING SOURCE	: ARTEMIS BANGKOK JURISTIC PERSON	WORK NO.	: 2022-009711
SAMPLE TYPE	: EFFLUENT	ANALYSIS NO.	: T23AP654-0001
SAMPLING DATE	: AUGUST 15, 2023		
SAMPLING TIME	: 14:00 HOUR		
SAMPLING METHOD °	: GRAB, GRAB AND STERILE TECHNIQUE		
SAMPLING BY °	: [REDACTED]		
ANALYZED BY	: [REDACTED]		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT T23AP654-0001		
pH °	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	6.7 (32°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	136	≤ 20	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	31.8	≤ 30	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	513	500*	25
SETTLABLE SOLIDS °	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
SULPHIDE °	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	5.7	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	79.5	≤ 35	1.5
FAT, 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
			EFFLUENT T23AP654-0001		
MICROBIOLOGY					
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

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

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 122,
PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

[Signature]

LABORATORY SUPERVISOR

AUGUST 24, 2023

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
SAMPLING DATE : AUGUST 15, 2023
SAMPLING TIME : 13:50 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c : 
ANALYZED BY : 

RECEIVED DATE : AUGUST 15, 2023
ANALYTICAL DATE : AUGUST 15-17, 2023
REPORT NO. : 2023-U069785
WORK NO. : 2022-009711
ANALYSIS NO. : T23AP654-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T23AP654-0003	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	276	25
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -	

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

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

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

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

.....

.....

LABORATORY SUPERVISOR

AUGUST 24, 2023



ANALYSIS REPORT

CUSTOMER NAME	: ARTEMIS BANGKOK JURISTIC PERSON	RECEIVED DATE	: SEPTEMBER 8, 2023
ADDRESS	: 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250	ANALYTICAL DATE	: SEPTEMBER 8-19, 2023
CONTACT INFORMATION	: TEL : 0 2130 5750, 08 1710 5929 e-mail : amb@th.knightfrank.com	REPORT NO.	: 2023-U078501
SAMPLING SOURCE	: ARTEMIS BANGKOK JURISTIC PERSON	WORK NO.	: 2022-009711
SAMPLE TYPE	: EFFLUENT	ANALYSIS NO.	: T23AR675-0001
SAMPLING DATE	: SEPTEMBER 8, 2023		
SAMPLING TIME	: 14:00 HOUR		
SAMPLING METHOD	: GRAB, GRAB AND STERILE TECHNIQUE		
SAMPLING BY	: [REDACTED]		
ANALYZED BY	: [REDACTED]		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT T23AR675-0001		
pH ^a	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	7.5 (32°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	78.9	≤ 20	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	35.5	≤ 30	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	458	500*	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.1	≤ 0.5	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	77.0	≤ 35	1.5
FAT, OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	11	≤ 20	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT T23AR675-0001		
MICROBIOLOGY					
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221E)	>160,000	-	1.8
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			GREY/TURBID GREY		

^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

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

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

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 122,
PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

LABORATORY SUPERVISOR

SEPTEMBER 21, 2023

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
SAMPLING DATE : SEPTEMBER 8, 2023
SAMPLING TIME : 13:45 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : SEPTEMBER 8, 2023
ANALYTICAL DATE : SEPTEMBER 8-13, 2023
REPORT NO. : 2023-U078504
WORK NO. : 2022-009711
ANALYSIS NO. : T23AR675-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T23AR675-0003	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	251	25
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -	

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

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

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

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

...
.....
LABORATORY SUPERVISOR

SEPTEMBER 21, 2023



ANALYSIS REPORT

CUSTOMER NAME	: ARTEMIS BANGKOK JURISTIC PERSON	RECEIVED DATE	: OCTOBER 31, 2023
ADDRESS	: 418 SUKHUMIVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250	ANALYTICAL DATE	: OCTOBER 31 - NOVEMBER 7, 2023
CONTACT INFORMATION	: TEL : 0 2130 5750, 08 1710 5929 e-mail : amb@th.knightfrank.com	REPORT NO.	: 2023-U095835
SAMPLING SOURCE	: ARTEMIS BANGKOK JURISTIC PERSON	WORK NO.	: 2022-009711
SAMPLE TYPE	: EFFLUENT	ANALYSIS NO.	: T23AV610-0001
SAMPLING DATE	: OCTOBER 31, 2023		
SAMPLING TIME	: 11:40 HOUR		
SAMPLING METHOD	: GRAB, GRAB AND STERILE TECHNIQUE		
SAMPLING BY	: [REDACTED]		
ANALYZED BY	: [REDACTED]		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT T23AV610-0001		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	6.9 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	138	≤ 20	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	36.8	≤ 30	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	334	500*	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.1	≤ 0.5	0.1
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500 -S ²⁻ F)	2.6	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	64.5	≤ 35	1.5
FAT, 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
			EFFLUENT T23AV610-0001		
MICROBIOLOGY					
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

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

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. 122,
PART 125 D, DATED DECEMBER 29, 2005 AND VOL. 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

.....
[Signature]
LABORATORY SUPERVISOR

NOVEMBER 13, 2023

ANALYSIS REPORT

CUSTOMER NAME	: ARTEMIS BANGKOK JURISTIC PERSON	RECEIVED DATE	: OCTOBER 31, 2023
ADDRESS	: 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250	ANALYTICAL DATE	: OCTOBER 31 - NOVEMBER 7, 2023
CONTACT INFORMATION	: TEL : 0 2130 5750,08 1710 5929 e-mail : amb@th.knightfrank.com	REPORT NO.	: 2023-U095839
SAMPLING SOURCE	: ARTEMIS BANGKOK JURISTIC PERSON	WORK NO.	: 2022-009711
SAMPLE TYPE	: WATER SUPPLY	ANALYSIS NO.	: T23AV610-0003
SAMPLING DATE	: OCTOBER 31, 2023		
SAMPLING TIME	: 11:20 HOUR		
SAMPLING METHOD ^c	: GRAB		
SAMPLING BY ^c	: [REDACTED]		
ANALYZED BY	: [REDACTED]		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T23AV610-0003	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	139	25
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -	

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

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

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

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

..... [REDACTED]

LABORATORY SUPERVISOR

NOVEMBER 13, 2023



ANALYSIS REPORT

CUSTOMER NAME	: ARTEMIS BANGKOK JURISTIC PERSON	RECEIVED DATE	: NOVEMBER 17, 2023
ADDRESS	: 418 SUKHUMVIT 77 (ON NUT) SUAN LUANG SUAN LUANG BANGKOK 10250	ANALYTICAL DATE	: NOVEMBER 17-22, 2023
CONTACT INFORMATION	: TEL : 0 2130 5750, 08 1710 5929 e-mail : amb@th.knightfrank.com	REPORT NO.	: 2023-U102359
SAMPLING SOURCE	: ARTEMIS BANGKOK JURISTIC PERSON	WORK NO.	: 2022-009711
SAMPLE TYPE	: EFFLUENT	ANALYSIS NO.	: T23AW988-0001
SAMPLING DATE	: NOVEMBER 17, 2023		
SAMPLING TIME	: 10:30 HOUR		
SAMPLING METHOD	: GRAB, GRAB AND STERILE TECHNIQUE		
SAMPLING BY	: [REDACTED]		
ANALYZED BY	: [REDACTED]		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT T23AW988-0001		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.0 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	142	≤ 20	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	29.5	≤ 30	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	438	500*	25
SETTLEABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	2.9	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	79.2	≤ 35	1.5
FAT, OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	5	≤ 20	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT T23AW988-0001		
MICROBIOLOGY					
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	>160,000	-	1.8
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			GREY		

^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

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

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

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 122,
PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

.....
[Signature]
.....

LABORATORY SUPERVISOR

NOVEMBER 28, 2023

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
SAMPLING DATE : NOVEMBER 17, 2023
SAMPLING TIME : 10:20 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : NOVEMBER 17, 2023
ANALYTICAL DATE : NOVEMBER 17-21, 2023
REPORT NO. : 2023-U102362
WORK NO. : 2022-009711
ANALYSIS NO. : T23AW988-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T23AW988-0003	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	158	25
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -	

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

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

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

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

.....
[Signature]
.....

LABORATORY SUPERVISOR

NOVEMBER 28, 2023



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 : DECEMBER 19, 2023
SAMPLING TIME : 12:20 HOUR
SAMPLING METHOD ^c : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : DECEMBER 19, 2023
ANALYTICAL DATE : DECEMBER 19-26, 2023
REPORT NO. : 2023-U112406
WORK NO. : 2022-009711
ANALYSIS NO. : T23AZ432-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT T23AZ432-0001		
pH ^c	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.4 (29°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	97.8	≤ 20	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	31.8	≤ 30	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	480	500*	25
SETTLEABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.3	≤ 0.5	0.1
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	2.0	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	70.2	≤ 35	1.5
FAT, OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	4	≤ 20	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT T23AZ432-0001		
MICROBIOLOGY					
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221E)	>160,000	-	1.8
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			GREY		

^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

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

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

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 122,
PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

.....

LABORATORY SUPERVISOR

DECEMBER 28, 2023

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
SAMPLING DATE : DECEMBER 19, 2023
SAMPLING TIME : 12:10 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : DECEMBER 19, 2023
ANALYTICAL DATE : DECEMBER 19-26, 2023
REPORT NO. : 2023-U112409
WORK NO. : 2022-009711
ANALYSIS NO. : T23AZ432-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T23AZ432-0003	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	233	25
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -	

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

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

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

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

.....
[Signature]
.....

LABORATORY SUPERVISOR

DECEMBER 28, 2023

