

ภาคผนวก ง
ใบรับรองผลการวิเคราะห์

ภาคผนวก ง-1
ผลการตรวจวัดคุณภาพน้ำสระว่ายนํ้า

สรวายน้ำสวนต้น

ANALYSIS REPORT

CUSTOMER NAME : THE STAGE TAOPOON INTERCHANGE
ADDRESS : 318 PRACHARAT ROAD 2 BANG SUE BANG SUE BANGKOK 10800
CONTACT INFORMATION : TEL : 06 4184 2418 e-mail : sti@th.knightfrank.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JANUARY 19, 2022
SAMPLING TIME : 14:40 HOUR
SAMPLING METHOD ° : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR THARAPONG KHODTONG
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : JANUARY 19, 2022
ANALYTICAL DATE : JANUARY 19-24, 2022
REPORT NO. : 2022-U008623
WORK NO. : 2021-008337
ANALYSIS NO. : T22AB070-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T22AB070-0003		
AMMONIA °	mg/L NH ₃	PHENATE METHOD (SM: 4500-NH ₃ F)	ND	≤ 20	0.05
CYANURIC ACID (SC) °	mg/L	COLOURIMETRIC METHOD	34	30-60	2
CALCIUM HARDNESS °	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: 3500-Ca B)	106	250-600	4.0
CHLORIDE °	mg/L Cl ⁻	ARGENTOMETRIC METHOD (SM: 4500-Cl ⁻ B)	1,937	≤ 600	2.0
NITRATE °	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: 4500 -NO ₃ - E)	1.15	≤ 50	0.09
TOTAL ALKALINITY °	mg/L as CaCO ₃	TITRATION METHOD (SM : 2320 B)	23.0	80-100	-
MICROBIOLOGY					
COLIFORM BACTERIA °	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 B)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA °	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 E)	< 1.1	NOT DETECTED	1.1
<i>E. coli</i> °	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: 9221 D AND F)	ABSENCE	ABSENCE	-
<i>Staphylococcus aureus</i> °	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: 9213 B)	NOT DETECTED	NOT DETECTED	-



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T22AB070-0003		
<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.

ND : NON-DETECTABLE.

SC : THE TEST WAS SUBCONTRACTED TO THE ANOTHER LABORATORY.

[REDACTED]

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

FEBRUARY 7, 2022

ANALYSIS REPORT

CUSTOMER NAME : THE STAGE TAOPOON INTERCHANGE
ADDRESS : 318 PRACHARAT ROAD 2 BANG SUE BANG SUE BANGKOK 10800
CONTACT INFORMATION : TEL : 06 4184 2418 e-mail : sti@th.knightfrank.com
SAMPLING SOURCE : SWIMMING POOL
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : FEBRUARY 9, 2022
SAMPLING TIME : 14:20 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR ACHITA SAENGJAN
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : FEBRUARY 9, 2022
ANALYTICAL DATE : FEBRUARY 9-16, 2022
REPORT NO. : 2022-U011579
WORK NO. : 2021-008337
ANALYSIS NO. : T22AC313-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T22AC313-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 B)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

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

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

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

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(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

FEBRUARY 21, 2022



ANALYSIS REPORT

CUSTOMER NAME : THE STAGE TAOPOON INTERCHANGE
ADDRESS : 318 PRACHARAT ROAD 2 BANG SUE BANG SUE BANGKOK 10800
CONTACT INFORMATION : TEL : 06 4184 2418 e-mail : sti@th.knightfrank.com
SAMPLING SOURCE : SWIMMING POOL
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MARCH 23, 2022
SAMPLING TIME : 13:30 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR ACHITA SAENGJAN
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : MARCH 23, 2022
ANALYTICAL DATE : MARCH 23-27, 2022
REPORT NO. : 2022-U024172
WORK NO. : 2021-008337
ANALYSIS NO. : T22AF595-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T22AF595-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221B)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

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

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

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

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(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

APRIL 4, 2022



ANALYSIS REPORT

CUSTOMER NAME : THE STAGE TAOPOON INTERCHANGE
ADDRESS : 318 PRACHARAT ROAD 2 BANG SUE BANG SUE BANGKOK 10800
CONTACT INFORMATION : TEL : 06 4184 2418 e-mail : sti@th.knightfrank.com
SAMPLING SOURCE : SWIMMING POOL
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : APRIL 20, 2022
SAMPLING TIME : 14:30 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR PANUWAT PUMITINSEE
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : APRIL 21, 2022
ANALYTICAL DATE : APRIL 21-25, 2022
REPORT NO. : 2022-U032016
WORK NO. : 2021-008337
ANALYSIS NO. : T22AH399-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T22AH399-0003		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221B)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

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

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

[REDACTED SIGNATURE]

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

MAY 6, 2022



ANALYSIS REPORT

CUSTOMER NAME : THE STAGE TAOPOON INTERCHANGE
ADDRESS : 318 PRACHARAT ROAD 2 BANG SUE BANG SUE BANGKOK 10800
CONTACT INFORMATION : TEL : 06 4184 2418 e-mail : sti@th.knightfrank.com
SAMPLING SOURCE : SWIMMING POOL
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MAY 17, 2022
SAMPLING TIME : 14:10 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR ACHITA SAENGJAN
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : MAY 17, 2022
ANALYTICAL DATE : MAY 17-23, 2022
REPORT NO. : 2022-U039208
WORK NO. : 2021-008337
ANALYSIS NO. : T22AJ290-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T22AJ290-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 B)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

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

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

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

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

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

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(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

MAY 27, 2022



ANALYSIS REPORT

CUSTOMER NAME : THE STAGE TAOPOON INTERCHANGE
ADDRESS : 318 PRACHARAT ROAD 2 BANG SUE BANG SUE BANGKOK 10800
CONTACT INFORMATION : TEL : 06 4184 2418 e-mail : sti@th.knightfrank.com
SAMPLING SOURCE : SWIMMING POOL
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JUNE 8, 2022
SAMPLING TIME : 11:10 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR ACHITA SAENGJAN
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : JUNE 8, 2022
ANALYTICAL DATE : JUNE 8-15, 2022
REPORT NO. : 2022-U046631
WORK NO. : 2021-008337
ANALYSIS NO. : T22AK959-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T22AK959-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 B)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

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

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

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

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

REGULATORY STANDARD : 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.

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

JUNE 21, 2022



สรวายน้ำส่วนลิก

ANALYSIS REPORT

CUSTOMER NAME : THE STAGE TAOPOON INTERCHANGE
ADDRESS : 318 PRACHARAT ROAD 2 BANG SUE BANG SUE BANGKOK 10800
CONTACT INFORMATION : TEL : 06 4184 2418 e-mail : sti@th.knightfrank.com
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JANUARY 19, 2022
SAMPLING TIME : 14:35 HOUR
SAMPLING METHOD ° : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR THARAPONG KHODTONG
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : JANUARY 19, 2022
ANALYTICAL DATE : JANUARY 19-24, 2022
REPORT NO. : 2022-U008625
WORK NO. : 2021-008337
ANALYSIS NO. : T22AB070-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T22AB070-0005		
AMMONIA °	mg/L NH ₃	PHENATE METHOD (SM: 4500-NH ₃ F)	ND	≤ 20	0.05
CYANURIC ACID (SC) °	mg/L	COLOURIMETRIC METHOD	35	30-60	2
CALCIUM HARDNESS °	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: 3500-Ca B)	105	250-600	4.0
CHLORIDE °	mg/L Cl ⁻	ARGENTOMETRIC METHOD (SM: 4500-Cl B)	1,908	≤ 600	2.0
NITRATE °	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: 4500 -NO ₃ E)	1.28	≤ 50	0.09
TOTAL ALKALINITY °	mg/L as CaCO ₃	TITRATION METHOD (SM : 2320 B)	23.0	80-100	-
MICROBIOLOGY					
COLIFORM BACTERIA °	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 B)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA °	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 E)	< 1.1	NOT DETECTED	1.1
<i>E. coli</i> °	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: 9221 D AND F)	ABSENCE	ABSENCE	-
<i>Staphylococcus aureus</i> °	/100 mL	MEMBRANE FILTER TECHNIQUE (SM: 9213 B)	NOT DETECTED	NOT DETECTED	-



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T22AB070-0005		
<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)

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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.

ND : NON-DETECTABLE.

SC : THE TEST WAS SUBCONTRACTED TO THE ANOTHER LABORATORY.

.....
(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

FEBRUARY 7, 2022

ANALYSIS REPORT

CUSTOMER NAME : THE STAGE TAOPOON INTERCHANGE
ADDRESS : 318 PRACHARAT ROAD 2 BANG SUE BANG SUE BANGKOK 10800
CONTACT INFORMATION : TEL : 06 4184 2418 e-mail : sti@th.knightfrank.com
SAMPLING SOURCE : SWIMMING POOL
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : FEBRUARY 9, 2022
SAMPLING TIME : 14:15 HOUR
SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR ACHITA SAENGJAN
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : FEBRUARY 9, 2022
ANALYTICAL DATE : FEBRUARY 9-16, 2022
REPORT NO. : 2022-U011580
WORK NO. : 2021-008337
ANALYSIS NO. : T22AC313-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T22AC313-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 B)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

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

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

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

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

FEBRUARY 21, 2022



ANALYSIS REPORT

CUSTOMER NAME : THE STAGE TAOPOON INTERCHANGE
ADDRESS : 318 PRACHARAT ROAD 2 BANG SUE BANG SUE BANGKOK 10800
CONTACT INFORMATION : TEL : 06 4184 2418 e-mail : sti@th.knightfrank.com
SAMPLING SOURCE : SWIMMING POOL
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MARCH 23, 2022
SAMPLING TIME : 13:40 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR ACHITA SAENGJAN
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : MARCH 23, 2022
ANALYTICAL DATE : MARCH 23-27, 2022
REPORT NO. : 2022-U024192
WORK NO. : 2021-008337
ANALYSIS NO. : T22AF595-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T22AF595-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 B)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

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

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

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

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

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

APRIL 4, 2022



ANALYSIS REPORT

CUSTOMER NAME : THE STAGE TAOPOON INTERCHANGE
ADDRESS : 318 PRACHARAT ROAD 2 BANG SUE BANG SUE BANGKOK 10800
CONTACT INFORMATION : TEL : 06 4184 2418 e-mail : sti@th.knightfrank.com
SAMPLING SOURCE : SWIMMING POOL
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : APRIL 20, 2022
SAMPLING TIME : 14:25 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR PANUWAT PUMITINSEE
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : APRIL 21, 2022
ANALYTICAL DATE : APRIL 21-25, 2022
REPORT NO. : 2022-U032017
WORK NO. : 2021-008337
ANALYSIS NO. : T22AH399-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T22AH399-0004		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 B)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

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

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

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

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

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

.....
(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

MAY 6, 2022



ANALYSIS REPORT

CUSTOMER NAME : THE STAGE TAOPOON INTERCHANGE
ADDRESS : 318 PRACHARAT ROAD 2 BANG SUE BANG SUE BANGKOK 10800
CONTACT INFORMATION : TEL : 06 4184 2418 e-mail : sti@th.knightfrank.com
SAMPLING SOURCE : SWIMMING POOL
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : MAY 17, 2022
SAMPLING TIME : 14:00 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR ACHITA SAENGJAN
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : MAY 17, 2022
ANALYTICAL DATE : MAY 17-23, 2022
REPORT NO. : 2022-U039209
WORK NO. : 2021-008337
ANALYSIS NO. : T22AJ290-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T22AJ290-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 B)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

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

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

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

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

REGULATORY STANDARD : 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.



(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

MAY 27, 2022



ANALYSIS REPORT

CUSTOMER NAME : THE STAGE TAOPOON INTERCHANGE
ADDRESS : 318 PRACHARAT ROAD 2 BANG SUE BANG SUE BANGKOK 10800
CONTACT INFORMATION : TEL : 06 4184 2418 e-mail : sti@th.knightfrank.com
SAMPLING SOURCE : SWIMMING POOL
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JUNE 8, 2022
SAMPLING TIME : 11:15 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR ACHITA SAENGJAN
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : JUNE 8, 2022
ANALYTICAL DATE : JUNE 8-15, 2022
REPORT NO. : 2022-U046632
WORK NO. : 2021-008337
ANALYSIS NO. : T22AK959-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T22AK959-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 B)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: 9221 E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

^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.

.....
[REDACTED SIGNATURE]
.....

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

JUNE 21, 2022



ภาคผนวก ง-2
ผลการตรวจวัดคุณภาพน้ำในถังเก็บน้ำสำรอง

ถังเก็บน้ำสำรองชั้นดาดฟ้า

ANALYSIS REPORT

CUSTOMER NAME : THE STAGE TAOPOON INTERCHANGE
ADDRESS : 318 PRACHARAT ROAD 2 BANG SUE BANG SUE BANGKOK 10800
CONTACT INFORMATION : TEL : 06 4184 2418 e-mail : sti@th.knightfrank.com
SAMPLING SOURCE : ROOF WATER TANK
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : JANUARY 19, 2022
SAMPLING TIME : 14:50 HOUR
SAMPLING METHOD ° : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR THARAPONG KHODTONG
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : JANUARY 19, 2022
ANALYTICAL DATE : JANUARY 19-23, 2022
REPORT NO. : 2022-U008622
WORK NO. : 2021-008337
ANALYSIS NO. : T22AB070-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			ROOF WATER TANK T22AB070-0002		
ODOUR °	-	OBSERVATION METHOD	NONE	NONE	-
COLOUR °	Hazen Unit	VISUAL COMPARISON METHOD (SM: 2120 B)	5	≤ 20	5
TURBIDITY °	Silica Scale Unit	NEPHELOMETRIC METHOD (SM: 2130 B)	0.14	≤ 5.0	0.01
MICROBIOLOGY					
<i>E. coli</i> °	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: 9221 D AND F)	ABSENCE	ABSENCE	-
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 : BOTTLED DRINKING WATER QUALITY STANDARDS, NOTIFICATION OF THE MINISTRY OF PUBLIC HEALTH, NO.61, B.E. 2524 (1981) ISSUED UNDER THE FOOD ACT, B.E. 2522 (1979), PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 98, PART 157 (SPECIAL ISSUED), DATED SEPTEMBER 24, B.E. 2524 (1981).

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

FEBRUARY 7, 2022



ANALYSIS REPORT

CUSTOMER NAME : THE STAGE TAOPOON INTERCHANGE
ADDRESS : 318 PRACHARAT ROAD 2 BANG SUE BANG SUE BANGKOK 10800
CONTACT INFORMATION : TEL : 06 4184 2418 e-mail : sti@th.knightfrank.com
SAMPLING SOURCE : ROOF WATER TANK
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : APRIL 20, 2022
SAMPLING TIME : 14:35 HOUR
SAMPLING METHOD ° : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR PANUWAT PUMITINSEE
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : APRIL 21, 2022
ANALYTICAL DATE : APRIL 21-27, 2022
REPORT NO. : 2022-U032015
WORK NO. : 2021-008337
ANALYSIS NO. : T22AH399-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			ROOF WATER TANK T22AH399-0002		
ODOUR °	-	OBSERVATION METHOD	NONE	NONE	-
COLOUR °	Hazen Unit	VISUAL COMPARISON METHOD (SM: 2120 B)	ND	≤ 20	5
TURBIDITY °	Silica Scale Unit	NEPHELOMETRIC METHOD (SM: 2130 B)	0.18	≤ 5.0	0.01
MICROBIOLOGY					
<i>E. coli</i> °	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: 9221 D AND F)	PRESENCE	ABSENCE	-
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 : BOTTLED DRINKING WATER QUALITY STANDARDS, NOTIFICATION OF THE MINISTRY OF PUBLIC HEALTH, NO.61, B.E. 2524 (1981) ISSUED UNDER THE FOOD ACT, B.E. 2522 (1979), PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 98, PART 157 (SPECIAL ISSUED), DATED SEPTEMBER 24, B.E. 2524 (1981).

ND : NON-DETECTABLE.

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

MAY 6, 2022



ถังเก็บน้ำสำรองชั้นใต้ดิน

ANALYSIS REPORT

CUSTOMER NAME : THE STAGE TAOPOON INTERCHANGE
ADDRESS : 318 PRACHARAT ROAD 2 BANG SUE BANG SUE BANGKOK 10800
CONTACT INFORMATION : TEL : 06 4184 2418 e-mail : sti@th.knightfrank.com
SAMPLING SOURCE : UNDERGROUND WATER TANK
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : JANUARY 19, 2022
SAMPLING TIME : 15:00 HOUR
SAMPLING METHOD ° : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR THARAPONG KHODTONG
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : JANUARY 19, 2022
ANALYTICAL DATE : JANUARY 19-23, 2022
REPORT NO. : 2022-U008621
WORK NO. : 2021-008337
ANALYSIS NO. : T22AB070-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			UNDERGROUND WATER TANK T22AB070-0001		
ODOUR °	-	OBSERVATION METHOD	NONE	NONE	-
COLOUR °	Hazen Unit	VISUAL COMPARISON METHOD (SM: 2120 B)	5	≤ 20	5
TURBIDITY °	Silica Scale Unit	NEPHELOMETRIC METHOD (SM: 2130 B)	0.09	≤ 5.0	0.01
MICROBIOLOGY					
<i>E. coli</i> °	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: 9221D AND F)	PRESENCE	ABSENCE	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
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, 23rd EDITION, 2017.

REGULATORY STANDARD : BOTTLED DRINKING WATER QUALITY STANDARDS, NOTIFICATION OF THE MINISTRY OF PUBLIC HEALTH, NO.61, B.E. 2524 (1981) ISSUED UNDER THE FOOD ACT, B.E. 2522 (1979), PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 98, PART 157 (SPECIAL ISSUED), DATED SEPTEMBER 24, B.E. 2524 (1981).

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

FEBRUARY 7, 2022



ANALYSIS REPORT

CUSTOMER NAME : THE STAGE TAOPOON INTERCHANGE
ADDRESS : 318 PRACHARAT ROAD 2 BANG SUE BANG SUE BANGKOK 10800
CONTACT INFORMATION : TEL : 06 4184 2418 e-mail : sti@th.knightfrank.com
SAMPLING SOURCE : UNDERGROUND WATER TANK
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : APRIL 20, 2022
SAMPLING TIME : 14:40 HOUR
SAMPLING METHOD ^c : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR PANUWAT PUMITINSEE
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : APRIL 21, 2022
ANALYTICAL DATE : APRIL 21-27, 2022
REPORT NO. : 2022-U032014
WORK NO. : 2021-008337
ANALYSIS NO. : T22AH399-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			UNDERGROUND WATER TANK T22AH399-0001		
ODOUR ^c	-	OBSERVATION METHOD	NONE	NONE	-
COLOUR ^c	Hazen Unit	VISUAL COMPARISON METHOD (SM: 2120 B)	ND	≤ 20	5
TURBIDITY ^c	Silica Scale Unit	NEPHELOMETRIC METHOD (SM: 2130 B)	0.08	≤ 5.0	0.01
MICROBIOLOGY					
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: 9221 D AND F)	ABSENCE	ABSENCE	-
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 : BOTTLED DRINKING WATER QUALITY STANDARDS, NOTIFICATION OF THE MINISTRY OF PUBLIC HEALTH, NO.61, B.E. 2524 (1981) ISSUED UNDER THE FOOD ACT, B.E. 2522 (1979), PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 98, PART 157 (SPECIAL ISSUED), DATED SEPTEMBER 24, B.E. 2524 (1981).

ND : NON-DETECTABLE.

.....
(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

MAY 6, 2022

