

บทที่ 4

ผลการติดตามตรวจสอบคุณภาพ

สิ่งแวดล้อม

บทที่ 4
ผลการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม

จากมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ Klass Siam ดำเนินการโดยนิติบุคคลอาคารชุด คลาส สยาม ตามมาตรการฯ เห็นชอบของโครงการได้ระบุให้โครงการดำเนินการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม ได้แก่ คุณภาพน้ำทิ้ง และน้ำสระว่ายน้ำ ซึ่งมีขอบเขตการดำเนินงานตรวจวัดคุณภาพสิ่งแวดล้อมดังนี้ ตารางที่ 4-1

สถานที่เก็บตัวอย่าง

1. จุดรวมน้ำทิ้งก่อนเข้าสู่ระบบบำบัด
2. จุดรวมน้ำหลังเข้าสู่ระบบบำบัด
3. จุดรวมน้ำก่อนปล่อยออกสู่สาธารณะ
4. สระว่ายน้ำ

ตารางที่ 4-1 ขอบเขตการดำเนินงานตรวจวัดคุณภาพสิ่งแวดล้อม

สถานีตรวจวัด	พารามิเตอร์ที่ตรวจวัด	ความถี่ในการตรวจวัด
คุณภาพน้ำทิ้ง	pH Biochemical Oxygen Demand Suspended Solids Total Kjeldahl Nitrogen Fat, Oil and Grease Fecal Coliform Bacteria	เดือนละ 1 ครั้ง
คุณภาพน้ำสระว่ายน้ำ	Fecal Coliform Bacteria Total Coliform Bacteria	1 เดือน / ครั้ง



ที่ อก ๐๓๑๐(๑)/ ๑๘๗๙

กรมโรงงานอุตสาหกรรม
ถนนพระรามที่ ๖ แขวงทุ่งพญาไท
เขตราชเทวี กรุงเทพฯ ๑๐๔๐๐

๑๙ กุมภาพันธ์ ๒๕๖๕

เรื่อง ต่ออายุหนังสือรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน

เรียน กรรมการผู้จัดการ บริษัท ยูไนเต็ท แอนนาลิสต์ แอนด์ เอ็นจิเนียริง คอนซัลแตนท์ จำกัด

อ้างถึง คำขอขึ้นทะเบียน/ต่ออายุ/เปลี่ยนแปลงบุคลากร และชนิดสารมลพิษของห้องปฏิบัติการวิเคราะห์เอกชน
ลงวันที่ ๒๗ ธันวาคม ๒๕๖๔

สิ่งที่ส่งมาด้วย ๑. รายชื่อผู้ควบคุมดูแลห้องปฏิบัติการวิเคราะห์ จำนวน ๔๐ ราย
๒. รายชื่อเจ้าหน้าที่ประจำห้องปฏิบัติการวิเคราะห์ จำนวน ๑๐๖ ราย
๓. ขอบข่ายสารมลพิษที่ได้รับขึ้นทะเบียนจากกรมโรงงานอุตสาหกรรม


ตามหนังสือที่อ้างถึง บริษัท ยูไนเต็ท แอนนาลิสต์ แอนด์ เอ็นจิเนียริง คอนซัลแตนท์ จำกัด
ขอต่ออายุหนังสือรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน เลขทะเบียน ว-๑๔๕ สถานที่ตั้งเลขที่ ๓
ซอยอุดมสุข ๔๑ ถนนสุขุมวิท แขวงบางจาก เขตพระโขนง กรุงเทพมหานคร ต่อกรมโรงงานอุตสาหกรรม นั้น

กรมโรงงานอุตสาหกรรมพิจารณาแล้ว ให้บริษัท ยูไนเต็ท แอนนาลิสต์ แอนด์ เอ็นจิเนียริง
คอนซัลแตนท์ จำกัด ต่ออายุหนังสือรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน โดยมีองค์ประกอบดังนี้
ก. ผู้ควบคุมดูแลห้องปฏิบัติการวิเคราะห์ จำนวน ๔๐ ราย ตามสิ่งที่ส่งมาด้วย ๑
ข. เจ้าหน้าที่ประจำห้องปฏิบัติการวิเคราะห์ จำนวน ๑๐๖ ราย ตามสิ่งที่ส่งมาด้วย ๒
ค. ขอบข่ายสารมลพิษที่ได้รับขึ้นทะเบียนให้วิเคราะห์ในน้ำเสีย น้ำใต้ดิน อากาศเสีย สิ่งปฏิกูล
หรือวัสดุที่ไม่ใช่แล้ว และดิน ตามสิ่งที่ส่งมาด้วย ๓

หนังสือฉบับนี้จะหมดอายุในวันที่ ๒ กุมภาพันธ์ ๒๕๖๘ หากประสงค์จะต่ออายุหนังสือ
รับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน ให้อื่นคำขอต่ออายุพร้อมเอกสารประกอบคำขอต่อ
กรมโรงงานอุตสาหกรรมภายใน ๓๐ วัน ก่อนวันสิ้นอายุของหนังสือรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน
ทั้งนี้ สามารถยื่นคำขอผ่านระบบอิเล็กทรอนิกส์ได้ที่หน้าเว็บไซต์กรมโรงงานอุตสาหกรรม ตาม QR Code ท้าย
หนังสือฉบับนี้

จึงเรียนมาเพื่อทราบ

ขอแสดงความนับถือ


(นางจินดา เตชะศรีรินทร์)
ผู้อำนวยการกองวิจัยและพัฒนาสิ่งแวดล้อมโรงงาน
ปฏิบัติการด้านสิ่งแวดล้อมโรงงานอุตสาหกรรม

UNITED ANALYST AND ENGINEERING
CONSULTANT COMPANY LIMITED



ยื่นคำขอผ่านระบบอิเล็กทรอนิกส์

ดำเนินการถูกต้อง

กองวิจัยและเตือนภัยมลพิษโรงงาน

กลุ่มมาตรฐานวิธีการวิเคราะห์ทดสอบมลพิษและทะเบียนห้องปฏิบัติการ

โทร. ๐ ๒๔๓๐ ๖๓๑๒ ต่อ ๒๑๐๓-๕

โทรสาร ๐ ๒๔๓๐ ๖๓๑๒ ต่อ ๒๑๔๕

ไปรษณีย์อิเล็กทรอนิกส์ saraban@diw.gmail.go.th


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 NSC - TISI - TIS 17025
 TESTING 0207

 TESTING
 No. 0063

ANALYSIS REPORT

CUSTOMER NAME : CLASS SIAM CONDOMINIUM JURISTIC PERSON
ADDRESS : 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330
CONTACT INFORMATION : TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com
SAMPLING SOURCE : นิติบุคคล อาคารชุดคลาสสยาม-ปทุมวัน
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : JULY 26, 2024
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY : MR. ACHITA SAENGJAN
ANALYZED BY : MISS ARIYA THARAROM
RECEIVED DATE : JULY 26, 2024
ANALYTICAL DATE : JULY 26 - AUGUST 2, 2024
ISSUE DATE : AUGUST 7, 2024
REPORT NO. : 2024-U071559
WORK NO. : 2024-004289
ANALYSIS NO. : T24AQ944-0001 - T24AQ944-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 11:30 HOUR 1/ T24AQ944-0001	2 11:20 HOUR 1/ T24AQ944-0002		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	6.4 (29°C)	7.3 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	81.0	34.3	≤ 40	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	67.8	50.0	≤ 50	5.0
SETTLEABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	2.0	0.2	≤ 0.5	0.1
SULPHIDE ^c	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ₂ -F)	3.1	< 0.50	≤ 3.0	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	22.2	57.2	≤ 40	1.5
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			GREY/TURBID	YELLOW/TURBID		
SEDIMENT			GREY	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, 24th EDITION, 2023.

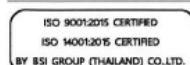
 SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

RESULT 1 : จุดรวมน้ำทั้งก่อนเข้าสู่ระบบ

RESULT 2 : จุดรวมหลังเข้าสู่ระบบ

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, 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.



 (MRS PIYAPAT SUTTAMANUTWONG)
 LABORATORY SUPERVISOR


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 NSC-TISI-TIS 17025
 TESTING 0207

 TESTING
 No. 0063

ANALYSIS REPORT

CUSTOMER NAME	: CLASS SIAM CONDOMINIUM JURISTIC PERSON	RECEIVED DATE	: JULY 26, 2024
ADDRESS	: 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330	ANALYTICAL DATE	: JULY 26 - AUGUST 1, 2024
CONTACT INFORMATION	: TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com	ISSUE DATE	: AUGUST 7, 2024
SAMPLING SOURCE	: นิติบุคคล อาคารชุดคลาสสยาม-ปทุมวัน	REPORT NO.	: 2024-U071560
SAMPLE TYPE	: EFFLUENT	WORK NO.	: 2024-004289
SAMPLING DATE	: JULY 26, 2024	ANALYSIS NO.	: T24AQ944-0003
SAMPLING TIME	: 11:10 HOUR		
SAMPLING METHOD	: GRAB		
SAMPLING BY	: MR ACHITA SAENGJAN		
ANALYZED BY	: MISS ARIYA THARAROM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			จุดรวมก่อนปล่อยออกสู่สาธารณะ T24AQ944-0003		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.4 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	29.3	≤ 40	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	23.8	≤ 50	5.0
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	≤ 3.0	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	57.0	≤ 40	1.5
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			GREY/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)

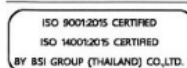
^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

 IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

 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 C, 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.



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 No.0063

ANALYSIS REPORT

CUSTOMER NAME : CLASS SIAM CONDOMINIUM JURISTIC PERSON
ADDRESS : 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330
CONTACT INFORMATION : TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com
SAMPLING SOURCE : SWIMMING POOL
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 26, 2024
SAMPLING TIME : 11:40 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR ACHITA SAENGJAN
ANALYZED BY : MISS ITSARIYAPORN BUATIB
RECEIVED DATE : JULY 26, 2024
ANALYTICAL DATE : JULY 26-31, 2024
ISSUE DATE : AUGUST 7, 2024
REPORT NO. : 2024-U071561
WORK NO. : 2024-004289
ANALYSIS NO. : T24AQ944-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T24AQ944-0004		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B, C AND 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, 24th EDITION, 2023.

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

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



 (MISS CHAWEEWAN BOONLA)
 LABORATORY SUPERVISOR

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ANALYSIS REPORT

CUSTOMER NAME : CLASS SIAM CONDOMINIUM JURISTIC PERSON
ADDRESS : 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330
CONTACT INFORMATION : TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com
SAMPLING SOURCE : SWIMMING POOL
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 26, 2024
SAMPLING TIME : 11:42 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR ACHITA SAENGJAN
ANALYZED BY : MISS ITSARIYAPORN BUATIB
RECEIVED DATE : JULY 26, 2024
ANALYTICAL DATE : JULY 26-31, 2024
ISSUE DATE : AUGUST 7, 2024
REPORT NO. : 2024-U071562
WORK NO. : 2024-004289
ANALYSIS NO. : T24AQ944-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T24AQ944-0005		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B, C AND 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)

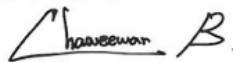
^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

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

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

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

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



 (MISS CHAWEEWAN BOONLA)
 LABORATORY SUPERVISOR

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CUSTOMER NAME : CLASS SIAM CONDOMINIUM JURISTIC PERSON
ADDRESS : 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330
CONTACT INFORMATION : TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com
SAMPLING SOURCE : นิติบุคคล อาคารชุดคลาสสยาม-ปทุมวัน
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : AUGUST 19, 2024
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY : MR KANAPON KIRANON
ANALYZED BY : MISS ARIYA THARAROM
RECEIVED DATE : AUGUST 19, 2024
ANALYTICAL DATE : AUGUST 19-24, 2024
ISSUE DATE : AUGUST 30, 2024
REPORT NO. : 2024-U080255
WORK NO. : 2024-004289
ANALYSIS NO. : T24AS806-0001 - T24AS806-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 12:30 HOUR 1/ T24AS806-0001	2 12:10 HOUR 1/ T24AS806-0002		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	6.7 (31°C)	7.6 (31°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	160	58.6	≤ 40	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	422	32.9	≤ 50	5.0
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	20.0	0.3	≤ 0.5	0.1
SULPHIDE ^c	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ² -F)	7.2	3.2	≤ 3.0	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	28.0	53.8	≤ 40	1.5
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BLACK	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, 24th EDITION, 2023.

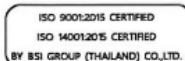
 SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

RESULT 1 : จดรวมน้ำทั้งก่อนเข้าสู่ระบบ

RESULT 2 : จดรวมหลังเข้าสู่ระบบ

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, 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.



 (MRS PIYPAT SUTTAMANUTWONG)
 LABORATORY SUPERVISOR


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Tel.0 2763 2828 Fax 0 2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com


 NSC - TISI - TIS 17025
 TESTING 0207

 TESTING
 No. 0063

ANALYSIS REPORT

CUSTOMER NAME	: CLASS SIAM CONDOMINIUM JURISTIC PERSON	RECEIVED DATE	: AUGUST 19, 2024
ADDRESS	: 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330	ANALYTICAL DATE	: AUGUST 19-24, 2024
CONTACT INFORMATION	: TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com	ISSUE DATE	: AUGUST 30, 2024
SAMPLING SOURCE	: นิติบุคคล อาคารชุดคลาสสยาม-ปทุมวัน	REPORT NO.	: 2024-U080256
SAMPLE TYPE	: EFFLUENT	WORK NO.	: 2024-004289
SAMPLING DATE	: AUGUST 19, 2024	ANALYSIS NO.	: T24AS806-0003
SAMPLING TIME	: 11:50 HOUR		
SAMPLING METHOD	: GRAB		
SAMPLING BY	: MR KANAPON KIRANON		
ANALYZED BY	: MISS ARIYA THARAROM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			จุดรวมก่อนปล่อยออกสู่สาธารณะ T24AS806-0003		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.7 (31°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	49.6	≤ 40	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	32.0	≤ 50	5.0
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.2	≤ 0.5	0.1
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ₂ -F)	1.7	≤ 3.0	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	51.5	≤ 40	1.5
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)

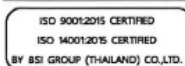
^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

 IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

 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 C, 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.



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 NSC-TISI-TIS 17025
 TESTING 0207

 TESTING
 No. 0063

ANALYSIS REPORT

CUSTOMER NAME : CLASS SIAM CONDOMINIUM JURISTIC PERSON
ADDRESS : 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330
CONTACT INFORMATION : TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com
SAMPLING SOURCE : นิติบุคคล อาคารชุดคลาสสยาม-ปทุมวัน
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : SEPTEMBER 23, 2024
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY : MR. ACHITA SAENGJAN
ANALYZED BY : MISS AKSARIN BUNKONG
RECEIVED DATE : SEPTEMBER 23, 2024
ANALYTICAL DATE : SEPTEMBER 23 - OCTOBER 1, 2024
ISSUE DATE : OCTOBER 4, 2024
REPORT NO. : 2024-U092232
WORK NO. : 2024-004289
ANALYSIS NO. : T24AW199-0001 - T24AW199-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 14:40 HOUR 1/ T24AW199-0001	2 14:30 HOUR 1/ T24AW199-0002		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.8 (30.9°C)	7.6 (30.7°C)	5.5-9.0	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	5-DAY BOD TEST, MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	70.2	24.7	≤ 40	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	51.8	26.8	≤ 50	5.0
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	1.2	< 0.1	-	0.1
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	2.7	< 0.50	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN ^c	mg/L	SEMI-MICRO-KJELDAHL METHOD (SM: PART 4500-Norg C)	16.2	45.9	≤ 40	1.5
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			GREY/TURBID GREY	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

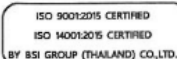
 SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

RESULT 1 : จุดรวมน้ำทั้งก่อนเข้าสู่ระบบ

RESULT 2 : จุดรวมหลังเข้าสู่ระบบ

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, 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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 NSC-TISI-TIS 17025
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 TESTING
 No. 0063

ANALYSIS REPORT

CUSTOMER NAME	: CLASS SIAM CONDOMINIUM JURISTIC PERSON	RECEIVED DATE	: SEPTEMBER 23, 2024
ADDRESS	: 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330	ANALYTICAL DATE	: SEPTEMBER 23 - OCTOBER 1, 2024
CONTACT INFORMATION	: TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com	ISSUE DATE	: OCTOBER 4, 2024
SAMPLING SOURCE	: นิติบุคคล อาคารชุดคลาสสยาม-ปทุมวัน	REPORT NO.	: 2024-U092233
SAMPLE TYPE	: EFFLUENT	WORK NO.	: 2024-004289
SAMPLING DATE	: SEPTEMBER 23, 2024	ANALYSIS NO.	: T24AW199-0003
SAMPLING TIME	: 14:20 HOUR		
SAMPLING METHOD	: GRAB		
SAMPLING BY	: MR ACHITA SAENGJAN		
ANALYZED BY	: MISS AKSARIN BUNKONG		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			จุดรวมก่อนปล่อยออกสู่สาธารณะ T24AW199-0003		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.1 (30.9°C)	5.5-9.0	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	5-DAY BOD TEST, MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	25.3	≤ 40	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	17.5	≤ 50	5.0
SETTLABLE 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 ^c	mg/L	SEMI-MICRO-KJELDAHL METHOD (SM: PART 4500-Norg C)	46.4	≤ 40	1.5
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

 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 C, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.



 (MRS PIYAPAT SUTTAMANUTWONG)
 LABORATORY SUPERVISOR

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 No.0063

ANALYSIS REPORT

CUSTOMER NAME : CLASS SIAM CONDOMINIUM JURISTIC PERSON
ADDRESS : 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330
CONTACT INFORMATION : TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com
SAMPLING SOURCE : SWIMMING POOL
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 23, 2024
SAMPLING TIME : 14:50 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR ACHITA SAENGJAN
ANALYZED BY : MISS CHATTRAPORN RATCHANET
RECEIVED DATE : SEPTEMBER 23, 2024
ANALYTICAL DATE : SEPTEMBER 23-30, 2024
ISSUE DATE : OCTOBER 3, 2024
REPORT NO. : 2024-U092234
WORK NO. : 2024-004289
ANALYSIS NO. : T24AW199-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T24AW199-0004		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B, C AND 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, 24th EDITION, 2023.

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

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



 (MISS CHAWEEWAN BOONLA)
 LABORATORY SUPERVISOR

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 TESTING
No.0063

ANALYSIS REPORT

CUSTOMER NAME : CLASS SIAM CONDOMINIUM JURISTIC PERSON
ADDRESS : 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330
CONTACT INFORMATION : TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com
SAMPLING SOURCE : SWIMMING POOL
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 23, 2024
SAMPLING TIME : 14:55 HOUR
SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR ACHITA SAENGJAN
ANALYZED BY : MISS CHATTRAPORN RATCHANET

RECEIVED DATE : SEPTEMBER 23, 2024
ANALYTICAL DATE : SEPTEMBER 23-30, 2024
ISSUE DATE : OCTOBER 3, 2024
REPORT NO. : 2024-U092235
WORK NO. : 2024-004289
ANALYSIS NO. : T24AW199-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T24AW199-0005		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B 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
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.

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



 (MISS CHAWEEVAN BOONLA)
LABORATORY SUPERVISOR

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 NSC-TISI-TIS 17025
 TESTING 0207

 TESTING
 No. 0063

ANALYSIS REPORT

CUSTOMER NAME : CLASS SIAM CONDOMINIUM JURISTIC PERSON
ADDRESS : 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330
CONTACT INFORMATION : TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com
SAMPLE SOURCE : นิติบุคคล อาคารชุดคลาสสยาม-ปทุมวัน
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : OCTOBER 25, 2024
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS AKSARIN BUNKONG
RECEIVED DATE : OCTOBER 25, 2024
ANALYTICAL DATE : OCTOBER 25 - NOVEMBER 4, 2024
ISSUE DATE : NOVEMBER 5, 2024
REPORT NO. : 2024-U103158
WORK NO. : 2024-004289
ANALYSIS NO. : T24AZ122-0001 - T24AZ122-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 12:57 HOUR 1/ T24AZ122-0001	2 13:07 HOUR 1/ T24AZ122-0002		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.0 (29.6°C)	7.5 (30.2°C)	5.5-9.0	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	5-DAY BOD TEST, MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	60.4	41.0	≤ 40	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	26.4	17.6	≤ 50	5.0
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.2	0.1	-	0.1
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	1.8	< 0.50	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN ^c	mg/L	SEMI-MICRO-KJELDAHL METHOD (SM: PART 4500-Norg C)	38.4	40.4	≤ 40	1.5
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID GREY	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)

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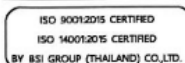
 SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

RESULT 1 : จุดรวมน้ำทั้งก่อนเข้าสู่ระบบ

RESULT 2 : จุดรวมหลังเข้าสู่ระบบ

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, 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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 3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260
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 NSC-TISI-TIS 17025
 TESTING 0207

 TESTING
 No. 0063

ANALYSIS REPORT

CUSTOMER NAME	: CLASS SIAM CONDOMINIUM JURISTIC PERSON	RECEIVED DATE	: OCTOBER 25, 2024
ADDRESS	: 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330	ANALYTICAL DATE	: OCTOBER 25 - NOVEMBER 4, 2024
CONTACT INFORMATION	: TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com	ISSUE DATE	: NOVEMBER 5, 2024
SAMPLING SOURCE	: นิติบุคคล อาคารชุดคลาสสยาม-ปทุมวัน	REPORT NO.	: 2024-U103159
SAMPLE TYPE	: EFFLUENT	WORK NO.	: 2024-004289
SAMPLING DATE	: OCTOBER 25, 2024	ANALYSIS NO.	: T24AZ122-0003
SAMPLING TIME	: 13:18 HOUR		
SAMPLING METHOD	: GRAB		
SAMPLING BY	: MR KRIDSANAPONG NAMTHIP		
ANALYZED BY	: MISS AKSARIN BUNKONG		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			จุดรวมก่อนปล่อยออกสู่สาธารณะ T24AZ122-0003		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.5 (30.0°C)	5.5-9.0	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	5-DAY BOD TEST, MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	36.8	≤ 40	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	17.6	≤ 50	5.0
SETTLABLE 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 ^c	mg/L	SEMI-MICRO-KJELDAHL METHOD (SM: PART 4500-Norg C)	39.5	≤ 40	1.5
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN		

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

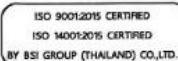
^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

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

 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 C, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.



 (MRS PIYAPAT SUTTAMANUTWONG)
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 No.0063

ANALYSIS REPORT

CUSTOMER NAME : CLASS SIAM CONDOMINIUM JURISTIC PERSON
ADDRESS : 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330
CONTACT INFORMATION : TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com
SAMPLING SOURCE : SWIMMING POOL
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 25, 2024
SAMPLING TIME : 13:22 HOUR
SAMPLING METHOD ^a : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MR PITTAPAN LAEKODD

RECEIVED DATE : OCTOBER 25, 2024
ANALYTICAL DATE : OCTOBER 25-28, 2024
ISSUE DATE : NOVEMBER 5, 2024
REPORT NO. : 2024-U103160
WORK NO. : 2024-004289
ANALYSIS NO. : T24AZ122-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T24AZ122-0004		
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
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT					

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

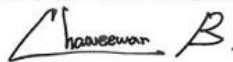
^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

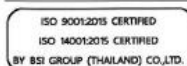
^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

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

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



 (MISS CHAWEEVAN BOONLA)
 LABORATORY SUPERVISOR


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ANALYSIS REPORT

CUSTOMER NAME : CLASS SIAM CONDOMINIUM JURISTIC PERSON
ADDRESS : 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330
CONTACT INFORMATION : TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com
SAMPLING SOURCE : SWIMMING POOL
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 25, 2024
SAMPLING TIME : 13:24 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MR PITTAPAN LAEKODD
RECEIVED DATE : OCTOBER 25, 2024
ANALYTICAL DATE : OCTOBER 25-28, 2024
ISSUE DATE : NOVEMBER 5, 2024
REPORT NO. : 2024-U103161
WORK NO. : 2024-004289
ANALYSIS NO. : T24AZ122-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T24AZ122-0005		
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
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.



 (MISS CHAWEEWAN BOONLA)
 LABORATORY SUPERVISOR

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ANALYSIS REPORT

CUSTOMER NAME : CLASS SIAM CONDOMINIUM JURISTIC PERSON
ADDRESS : 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330
CONTACT INFORMATION : TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com
SAMPLING SOURCE : นิติบุคคล อาคารชุดคลาสสยาม-ปทุมวัน
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : NOVEMBER 20, 2024
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY : MR SOMCHART UTHUMRAT
ANALYZED BY : MISS AKSARIN BUNKONG
RECEIVED DATE : NOVEMBER 20, 2024
ANALYTICAL DATE : NOVEMBER 20-28, 2024
ISSUE DATE : DECEMBER 2, 2024
REPORT NO. : 2024-U112663
WORK NO. : 2024-004289
ANALYSIS NO. : T24BB349-0001 - T24BB349-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 14:45 HOUR 1/ T24BB349-0001	2 14:30 HOUR 1/ T24BB349-0002		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.0 (30.3°C)	7.4 (30.7°C)	5.5-9.0	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	5-DAY BOD TEST, MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	169	30.4	≤ 40	-
TOTAL SUSPENDED SOLIDS ^a	mg/L	DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	282	45.0	≤ 50	-
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	11.0	0.7	-	0.1
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	0.98	< 0.50	≤ 1.0	-
TOTAL KJELDAHL NITROGEN ^c	mg/L	SEMI-MICRO-KJELDAHL METHOD (SM: PART 4500-Norg C)	52.3	44.6	≤ 40	1.5
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			BLACK/TURBID	YELLOW/TURBID		
SEDIMENT			BLACK	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

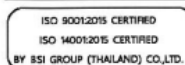
 SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

RESULT 1 : จดรวมน้ำทิ้งก่อนเข้าสู่ระบบ

RESULT 2 : จดรวมหลังเข้าสู่ระบบ

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, 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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ANALYSIS REPORT

CUSTOMER NAME	: CLASS SIAM CONDOMINIUM JURISTIC PERSON	RECEIVED DATE	: NOVEMBER 20, 2024
ADDRESS	: 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330	ANALYTICAL DATE	: NOVEMBER 20-28, 2024
CONTACT INFORMATION	: TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com	ISSUE DATE	: DECEMBER 2, 2024
SAMPLING SOURCE	: นิติบุคคล อาคารชุดคลาสสยาม-ปทุมวัน	REPORT NO.	: 2024-U112664
SAMPLE TYPE	: EFFLUENT	WORK NO.	: 2024-004289
SAMPLING DATE	: NOVEMBER 20, 2024	ANALYSIS NO.	: T24BB349-0003
SAMPLING TIME	: 14:15 HOUR		
SAMPLING METHOD	: GRAB		
SAMPLING BY	: MR SOMCHART UTHUMRAT		
ANALYZED BY	: MISS AKSARIN BUNKONG		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			จุดรวมก่อนปล่อยออกสู่สาธารณะ T24BB349-0003		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.5 (31.3°C)	5.5-9.0	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	5-DAY BOD TEST, MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	23.1	≤ 40	-
TOTAL SUSPENDED SOLIDS ^a	mg/L	DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	20.5	≤ 50	-
SETTLABLE 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	-
TOTAL KJELDAHL NITROGEN ^c	mg/L	SEMI-MICRO-KJELDAHL METHOD (SM: PART 4500-Norg C)	43.2	≤ 40	15
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			BROWN		

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

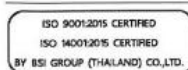
^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

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ANALYSIS REPORT

CUSTOMER NAME : CLASS SIAM CONDOMINIUM JURISTIC PERSON
ADDRESS : 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330
CONTACT INFORMATION : TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com
SAMPLING SOURCE : SWIMMING POOL
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 20, 2024
SAMPLING TIME : 14:50 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR SOMCHART UTHUMRAT
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : NOVEMBER 20, 2024
ANALYTICAL DATE : NOVEMBER 20-26, 2024
ISSUE DATE : DECEMBER 2, 2024
REPORT NO. : 2024-U112665
WORK NO. : 2024-004289
ANALYSIS NO. : T24BB349-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T24BB349-0004		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)	>23	< 10	1.1
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B, C AND E)	23	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

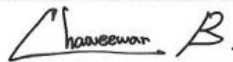
^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^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, 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

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No.0063

ANALYSIS REPORT

CUSTOMER NAME	: CLASS SIAM CONDOMINIUM JURISTIC PERSON	RECEIVED DATE	: NOVEMBER 20, 2024
ADDRESS	: 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330	ANALYTICAL DATE	: NOVEMBER 20-26, 2024
CONTACT INFORMATION	: TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com	ISSUE DATE	: DECEMBER 2, 2024
SAMPLING SOURCE	: SWIMMING POOL	REPORT NO.	: 2024-U112666
SAMPLE TYPE	: WATER SAMPLE FROM SWIMMING POOL	WORK NO.	: 2024-004289
SAMPLING DATE	: NOVEMBER 20, 2024	ANALYSIS NO.	: T24BB349-0005
SAMPLING TIME	: 14:55 HOUR		
SAMPLING METHOD ^c	: GRAB AND STERILE TECHNIQUE		
SAMPLING BY ^c	: MR SOMCHART UTHUMRAT		
ANALYZED BY	: MISS ITSARIYAPORN BUATIB		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T24BB349-0005		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	>23	< 10	1.1
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	>23	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT					

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

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^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.



 (MISS CHAWEEVAN BOONLA)
LABORATORY SUPERVISOR

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 NSC-TISI-TIS 17025
 TESTING 0207

 TESTING
 No. 0063

ANALYSIS REPORT

CUSTOMER NAME	: CLASS SIAM CONDOMINIUM JURISTIC PERSON	RECEIVED DATE	: DECEMBER 18, 2024
ADDRESS	: 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330	ANALYTICAL DATE	: DECEMBER 18-26, 2024
CONTACT INFORMATION	: TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com	ISSUE DATE	: JANUARY 2, 2025
SAMPLING SOURCE	: นิติบุคคล อาคารชุดคลาสสยาม-ปทุมวัน	REPORT NO.	: 2024-U123235
SAMPLE TYPE	: WASTEWATER	WORK NO.	: 2024-004289
SAMPLING DATE	: DECEMBER 18, 2024	ANALYSIS NO.	: T24BD770-0001 - T24BD770-0002
SAMPLING TIME	: 1/		
SAMPLING METHOD	: GRAB		
SAMPLING BY	: MR CHOKCHAI PHUMSAWAI		
ANALYZED BY	: MISS AKSARIN BUNKONG		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 13:30 HOUR 1/ T24BD770-0001	2 13:20 HOUR 1/ T24BD770-0002		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.1 (29.8°C)	7.5 (30.1°C)	5.5-9.0	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	5-DAY BOD TEST, MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	61.4	20.5	≤ 40	-
TOTAL SUSPENDED SOLIDS ^a	mg/L	DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	149	9.9	≤ 50	-
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	4.5	< 0.1	-	0.1
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	1.8	< 0.50	≤ 1.0	-
TOTAL KJELDAHL NITROGEN ^c	mg/L	SEMI-MICRO-KJELDAHL METHOD (SM: PART 4500-Norg C)	43.2	39.8	≤ 40	1.5
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			GREY/TURBID	YELLOW/TURBID		
SEDIMENT			BLACK	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

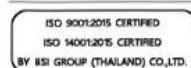
 SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

RESULT 1 : จุดรวมน้ำทั้งก่อนเข้าสู่ระบบ

RESULT 2 : จุดรวมหลังเข้าสู่ระบบ

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



 (MRS PIYAPAT SUTTAMANUTWONG)
 LABORATORY SUPERVISOR


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 NSC-TISI-TIS 17025
 TESTING 0207

 TESTING
 No. 0063

ANALYSIS REPORT

CUSTOMER NAME	: CLASS SIAM CONDOMINIUM JURISTIC PERSON	RECEIVED DATE	: DECEMBER 18, 2024
ADDRESS	: 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330	ANALYTICAL DATE	: DECEMBER 18-26, 2024
CONTACT INFORMATION	: TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com	ISSUE DATE	: JANUARY 2, 2025
SAMPLING SOURCE	: นิติบุคคล อาคารชุดคลาสสยาม-ปทุมวัน	REPORT NO.	: 2024-U123236
SAMPLE TYPE	: EFFLUENT	WORK NO.	: 2024-004289
SAMPLING DATE	: DECEMBER 18, 2024	ANALYSIS NO.	: T24BD770-0003
SAMPLING TIME	: 13:00 HOUR		
SAMPLING METHOD	: GRAB		
SAMPLING BY	: MR CHOKCHAI PHUMSAWAI		
ANALYZED BY	: MISS AKSARIN BUNKONG		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			จุดรวมก่อนปล่อยออกสู่สาธารณะ T24BD770-0003		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.7 (29.5°C)	5.5-9.0	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	5-DAY BOD TEST, MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	20.1	≤ 40	-
TOTAL SUSPENDED SOLIDS ^a	mg/L	DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	9.2	≤ 50	-
SETTLABLE 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	-
TOTAL KJELDAHL NITROGEN ^c	mg/L	SEMI-MICRO-KJELDAHL METHOD (SM: PART 4500-Norg C)	42.1	≤ 40	1.5
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			BROWN		

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

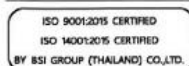
^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^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 C, 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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 TESTING
No.0063

ANALYSIS REPORT

CUSTOMER NAME	: CLASS SIAM CONDOMINIUM JURISTIC PERSON	RECEIVED DATE	: DECEMBER 18, 2024
ADDRESS	: 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330	ANALYTICAL DATE	: DECEMBER 18-22, 2024
CONTACT INFORMATION	: TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com	ISSUE DATE	: JANUARY 2, 2025
SAMPLING SOURCE	: SWIMMING POOL	REPORT NO.	: 2024-U123237
SAMPLE TYPE	: WATER SAMPLE FROM SWIMMING POOL	WORK NO.	: 2024-004289
SAMPLING DATE	: DECEMBER 18, 2024	ANALYSIS NO.	: T24BD770-0004
SAMPLING TIME	: 13:40 HOUR		
SAMPLING METHOD ^c	: GRAB AND STERILE TECHNIQUE		
SAMPLING BY ^c	: MR CHOKCHAI PHUMSAWAI		
ANALYZED BY	: MISS ITSARIYAPORN BUATIB		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T24BD770-0004		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

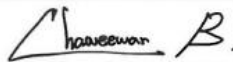
^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

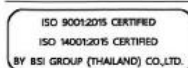
^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

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 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.



 (MISS CHAWEEVAN BOONLA)
LABORATORY SUPERVISOR


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 TESTING
No.0063

ANALYSIS REPORT

CUSTOMER NAME	: CLASS SIAM CONDOMINIUM JURISTIC PERSON	RECEIVED DATE	: DECEMBER 18, 2024
ADDRESS	: 19 SOI KASEMSAN 2 WANG MAI PATHUM WAN BANGKOK 10330	ANALYTICAL DATE	: DECEMBER 18-22, 2024
CONTACT INFORMATION	: TEL : 099 187 4994 e-mail : Klasssiamoffice@gmail.com	ISSUE DATE	: JANUARY 2, 2025
SAMPLING SOURCE	: SWIMMING POOL	REPORT NO.	: 2024-U123238
SAMPLE TYPE	: WATER SAMPLE FROM SWIMMING POOL	WORK NO.	: 2024-004289
SAMPLING DATE	: DECEMBER 18, 2024	ANALYSIS NO.	: T24BD770-0005
SAMPLING TIME	: 13:45 HOUR		
SAMPLING METHOD ^c	: GRAB AND STERILE TECHNIQUE		
SAMPLING BY ^c	: MR CHOKCHAI PHUMSAWAI		
ANALYZED BY	: MISS ITSARIYAPORN BUATTIB		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T24BD770-0005		
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
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT					


^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.


 (MISS CHAWEEVAN BOONLA)
 LABORATORY SUPERVISOR

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ดัชนีผลกระทบสิ่งแวดล้อม	บริเวณที่ตรวจสอบ	ความถี่ในการตรวจวัด	ผลการปฏิบัติตามมาตรการ	ปัญหาอุปสรรคและการแก้ไข
สระว่ายน้ำ คุณภาพน้ำในสระว่ายน้ำ <ul style="list-style-type: none"> - ความเป็นกรด-ด่าง (pH) - คลอรีนอิสระ 	สระว่ายน้ำของโครงการ	อย่างน้อยวันละ 2 ครั้ง ก่อนเปิดบริการ และ หลังปิดบริการ		-
<ul style="list-style-type: none"> - คลอรีนที่รวมกับสารอื่น ๆ - ค่าความเป็นด่าง - ความกระด้าง - กรดไฮยาซริก (กรณีใช้คลอรีนชนิดไตรคลอโรไฮโซไฮยาซริก) - คลอไรด์ - แอมโมเนีย - ไนเตรด 	สระว่ายน้ำของโครงการ	หากมีผู้ใช้เป็นจำนวนมาก ควรตรวจสอบระหว่างวัน	ค่าน้ำ PH 7.0 - 7.6 CL1.5 - 2.0	

ดัชนีผลกระทบสิ่งแวดล้อม	บริเวณที่ตรวจสอบ	ความถี่ในการตรวจวัด	ผลการปฏิบัติตามมาตรการ	ปัญหาอุปสรรคและการแก้ไข
<p>สระว่ายน้ำ</p> <p>คุณภาพน้ำในสระว่ายน้ำ</p> <ul style="list-style-type: none"> - โคลิฟอร์มแบคทีเรีย - ฟีคัลโคลิฟอร์ม 	สระว่ายน้ำของโครงการ	เดือนละ 1 ครั้ง	อยู่ในเกณฑ์มาตรฐาน	-

4.1 สรุปผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม

จากผลการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมโครงการคลาส สยามของ United Analyst and Engineering Consultant Co., Ltd. (UAE) ระหว่างเดือน กรกฎาคม - ธันวาคม 2567 พบว่าทางโครงการได้ปฏิบัติตามมาตรการฯ แสดงให้เห็นถึงความตระหนักและการให้ความสำคัญในการดูแลรักษาสิ่งแวดล้อม

4.2 สรุปผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม

จากผลการตรวจวัดคุณภาพสิ่งแวดล้อมในช่วงเดือน กรกฎาคม - ธันวาคม 2567 การตรวจวัดคุณภาพน้ำทิ้ง และคุณภาพน้ำจากสระว่ายน้ำ พบว่าผลการตรวจวัดมีค่าอยู่ในเกณฑ์มาตรฐานกำหนด

แต่ในช่วงตั้งแต่เดือน พฤศจิกายน เป็นต้นไป ได้มีเหตุปั๊มบ่อตกตะกอนชำรุด ดำเนินการซ่อมแซมเรียบร้อยแล้ว และเหตุปั๊มบ่อเติมอากาศชำรุด ยังไม่สามารถดำเนินการนำปั๊มที่ซ่อมเรียบร้อยแล้วลงติดตั้งในบ่อได้เหมือนเดิม เนื่องจากบ่อมีความลึกมาก 8 ม. อยู่ในระหว่างสรรหาผู้รับเหมา