

ภาคผนวก ค

ผลการวิเคราะห์ทางห้องปฏิบัติการ

ภาคผนวก ค-1

ผลการวิเคราะห์คุณภาพน้ำทิ้ง

จุดถังพักน้ำใส

ANALYSIS REPORT

CUSTOMER NAME	: AIA CAPITAL CENTER	RECEIVED DATE	: JANUARY 10, 2024
ADDRESS	: 89 RATCHADAPISEK ROAD DIN DAENG DIN DAENG BANGKOK 10400	ANALYTICAL DATE	: JANUARY 10-17, 2024
CONTACT INFORMATION	: TEL : 0 2248 2244 e-mail : Teerawat.Dang@ap.jll.com	REPORT NO.	: 2024-U004931
SAMPLING SOURCE	: AIA RATCHADA	WORK NO.	: 2020-004721
SAMPLE TYPE	: EFFLUENT	ANALYSIS NO.	: T24AA504-0002
SAMPLING DATE	: JANUARY 10, 2024		
SAMPLING TIME	: 11:00 HOUR		
SAMPLING METHOD	: GRAB, GRAB AND STERILE TECHNIQUE		
SAMPLING BY	:		
ANALYZED BY	:		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT จุดส่งพักน้ำใน T24AA504-0002		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.8 (29°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^{**} _c	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	5.2	≤ 20	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	15.4	≤ 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	544	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)	< 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	47.7	≤ 35	1.5
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT จุดถังพักน้ำใส T24AA504-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	>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.

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

** : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM: 5210B,5(e).

ND : NON-DETECTABLE.

LABORATORY SUPERVISOR

JANUARY 18, 2024

ANALYSIS REPORT

CUSTOMER NAME : AIA CAPITAL CENTER
ADDRESS : 89 RATCHADAPISEK ROAD DIN DAENG DIN DAENG BANGKOK 10400
CONTACT INFORMATION : TEL : 0 2248 2244 e-mail : Teerawat.Dang@ap.jll.com
SAMPLING SOURCE : AIA RATCHADA
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : FEBRUARY 14, 2024
SAMPLING TIME : 11:00 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :
RECEIVED DATE : FEBRUARY 14, 2024
ANALYTICAL DATE : FEBRUARY 14-21, 2024
ISSUE DATE : JUNE 5, 2024
REPORT NO. : 2024-U048327
WORK NO. : 2020-004721
ANALYSIS NO. : T24AD005-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT จุดถึงฟักน้ำใส T24AD005-0002		
pH	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.1 (31°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND**	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	11.9	≤ 20	2.0
SUSPENDED SOLIDS	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	9.4	≤ 30	5.0
TOTAL DISSOLVED SOLIDS	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	572	500*	25
SETTLEABLE 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)	< 0.50	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN*	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	22.6	≤ 35	1.5
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT จุดถังพักน้ำใส T24AD005-0002		
MICROBIOLOGY					
COLIFORM BACTERIA	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	54,000	-	1.8
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			BROWN		

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.

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

** : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM: 5210B,5(e).

ND : NON-DETECTABLE.

^ : SAMPLING AT 14:30 HOUR ON FEBRUARY 28, 2024, ANALYSIS NO. T24AE040-0001
(ANALYTICAL DATE : FEBRUARY 28 - MARCH 5, 2024)

THE REASON FOR ISSUING THE NEW REPORT IS SUBSTITUTE RESULT.

SUBSTITUTED REPORT FOR REPORT NO. 2024-U015503, ISSUE DATE FEBRUARY 22, 2024.

LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME	: AIA COMPANY LIMITED	RECEIVED DATE	: MARCH 13, 2024
ADDRESS	: 181 SURAWONG ROAD SURIYAWONG BANG RAK BANGKOK 10500	ANALYTICAL DATE	: MARCH 13-20, 2024
CONTACT INFORMATION	: TEL : 0 2248 2244 e-mail : Teerawat.Dang@ap.jil.com	ISSUE DATE	: MARCH 21, 2024
SAMPLING SOURCE	: AIA CAPPITAL CENTER	REPORT NO.	: 2024-U023774
SAMPLE TYPE	: EFFLUENT	WORK NO.	: 2023-007401
SAMPLING DATE	: MARCH 13, 2024	ANALYSIS NO.	: T24AF247-0002
SAMPLING TIME	: 11:45 HOUR		
SAMPLING METHOD	: GRAB, GRAB AND STERILE TECHNIQUE		
SAMPLING BY	:		
ANALYZED BY	:		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT จุดส่งฟักน้ำใส T24AF247-0002		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.3 (28°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND** ^c	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	5.8	≤ 20	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	10.5	≤ 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	485	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)	< 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	38.2	≤ 35	1.5
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT จุดส่งฟักน้ำใส T24AF247-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	54,000	-	1.8
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			BROWN		

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

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

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

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.

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

** : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM: 5210B,5(e).

ND : NON-DETECTABLE.

LABORATORY SUPERVISOR

MARCH 22, 2024

ANALYSIS REPORT

CUSTOMER NAME : AIA COMPANY LIMITED
ADDRESS : 181 SURAWONG ROAD SURIYAWONG BANG RAK BANGKOK 10500
CONTACT INFORMATION : TEL : 0 2248 2244 e-mail : Teerawat.Dang@ap.jll.com
SAMPLING SOURCE : AIA CAPPITAL CENTER
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : APRIL 9, 2024
SAMPLING TIME : 11:00 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :
RECEIVED DATE : APRIL 9, 2024
ANALYTICAL DATE : APRIL 9-19, 2024
ISSUE DATE : APRIL 19, 2024
REPORT NO. : 2024-U032444
WORK NO. : 2023-007401
ANALYSIS NO. : T24AH588-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT จุดส่งฟักน้ำใส T24AH588-0002		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.4 (29°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^c	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	17.0	≤ 20	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	17.8	≤ 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	476	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)	< 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	39.8	≤ 35	1.5
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT จุดส่งพักน้ำใส T24AH588-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	17,000	-	1.8
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			BROWN		

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

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

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

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.

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

ND : NON-DETECTABLE.

LABORATORY SUPERVISOR

APRIL 22, 2024

ANALYSIS REPORT

CUSTOMER NAME : AIA COMPANY LIMITED
ADDRESS : 181 SURAWONG ROAD SURIYAWONG BANG RAK BANGKOK 10500
CONTACT INFORMATION : TEL : 0 2248 2244 e-mail : Teerawat.Dang@ap.jil.com
SAMPLING SOURCE : AIA CAPPITAL CENTER
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MAY 8, 2024
SAMPLING TIME : 11:40 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :
RECEIVED DATE : MAY 8, 2024
ANALYTICAL DATE : MAY 8-15, 2024
ISSUE DATE : MAY 15, 2024
REPORT NO. : 2024-U041383
WORK NO. : 2023-007401
ANALYSIS NO. : T24AJ573-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT จุดทิ้งพักน้ำใส T24AJ573-0002		
pH	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.2 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	7.8	≤ 20	2.0
SUSPENDED SOLIDS	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	11.2	≤ 30	5.0
TOTAL DISSOLVED SOLIDS	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	423	500*	25
SETTLEABLE 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)	< 0.50	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	34.3	≤ 35	1.5
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT จุดถึงพักน้ำใส T24AJ573-0002		
MICROBIOLOGY					
COLIFORM BACTERIA	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B)	35,000	-	1.8
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			BROWN		

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.

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

ND : NON-DETECTABLE.

LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : AIA CAPITAL CENTER
ADDRESS : 89 RATCHADAPISEK ROAD DIN DAENG DIN DAENG BANGKOK 10400
CONTACT INFORMATION : TEL : 0 2248 2244 e-mail : Teerawat.Dang@ap.jll.com
SAMPLING SOURCE : AIA CAPPITAL CENTER
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JUNE 10, 2024
SAMPLING TIME : 11:30 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :
RECEIVED DATE : JUNE 10, 2024
ANALYTICAL DATE : JUNE 10-18, 2024
ISSUE DATE : JUNE 18, 2024
REPORT NO. : 2024-U054092
WORK NO. : 2023-008045
ANALYSIS NO. : T24AM662-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT จุดส่งฟักน้ำใส T24AM662-0002		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.3 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND** ^c	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	< 2.0	≤ 20	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	8.4	≤ 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	389	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)	< 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	34.4	≤ 35	1.5
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			EFFLUENT จุดส่งพักน้ำใส T24AM662-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	>160,000	-	1.8
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/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

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 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.

** : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM: 5210B,5(e).

ND : NOT DETECTED.

LABORATORY SUPERVISOR

จุดถึงปรับสภาพ

ANALYSIS REPORT

CUSTOMER NAME	: AIA CAPITAL CENTER	RECEIVED DATE	: JANUARY 10, 2024
ADDRESS	: 89 RATCHADAPISEK ROAD DIN DAENG DIN DAENG BANGKOK 10400	ANALYTICAL DATE	: JANUARY 10-17, 2024
CONTACT INFORMATION	: TEL : 0 2248 2244 e-mail : Teerawat.Dang@ap.jil.com	REPORT NO.	: 2024-U004930
SAMPLING SOURCE	: AIA RATCHADA	WORK NO.	: 2020-004721
SAMPLE TYPE	: WASTEWATER	ANALYSIS NO.	: T24AA504-0001
SAMPLING DATE	: JANUARY 10, 2024		
SAMPLING TIME	: 10:55 HOUR		
SAMPLING METHOD	: GRAB, GRAB AND STERILE TECHNIQUE		
SAMPLING BY	:		
ANALYZED BY	:		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			INFLUENT จุดถึงปรับสภาพ T24AA504-0001	
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	8.0 (28°C)	-
BIOCHEMICAL OXYGEN DEMAND ^c	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	232	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	63.4	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	634	25
SETTLEABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	0.1
SULPHIDE ^c	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ₂ - F)	3.2	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	105	1.5
FAT, OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	7	3
MICROBIOLOGY				
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	>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.

LABORATORY SUPERVISOR

JANUARY 18, 2024



ANALYSIS REPORT

CUSTOMER NAME : AIA CAPITAL CENTER
ADDRESS : 89 RATCHADAPISEK ROAD DIN DAENG DIN DAENG BANGKOK 10400
CONTACT INFORMATION : TEL : 0 2248 2244 e-mail : Teerawat.Dang@ap.jil.com
SAMPLING SOURCE : AIA RATCHADA
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : FEBRUARY 14, 2024
SAMPLING TIME : 11:15 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :
RECEIVED DATE : FEBRUARY 14, 2024
ANALYTICAL DATE : FEBRUARY 14-21, 2024
ISSUE DATE : FEBRUARY 22, 2024
REPORT NO. : 2024-U015501
WORK NO. : 2020-004721
ANALYSIS NO. : T24AD005-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			INFLUENT จุดเก็บปริมสภาพ T24AD005-0001	
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	7.2 (31°C)	-
BIOCHEMICAL OXYGEN DEMAND ^c	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	428	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	67.2	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	612	25
SETTLEABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.1	0.1
SULPHIDE ^c	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	4.6	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	103	1.5
FAT, OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	4	3
MICROBIOLOGY				
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	>160,000	1.8
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			BROWN/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.

LABORATORY SUPERVISOR

FEBRUARY 22, 2024



ANALYSIS REPORT

CUSTOMER NAME : AIA COMPANY LIMITED
ADDRESS : 181 SURAWONG ROAD SURIYAWONG BANG RAK BANGKOK 10500
CONTACT INFORMATION : TEL : 0 2248 2244 e-mail : Teerawat.Dang@ap.jil.com
SAMPLING SOURCE : AIA CAPPITAL CENTER
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : MARCH 13, 2024
SAMPLING TIME : 11:55 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :
RECEIVED DATE : MARCH 13, 2024
ANALYTICAL DATE : MARCH 13-21, 2024
ISSUE DATE : MARCH 21, 2024
REPORT NO. : 2024-U023773
WORK NO. : 2023-007401
ANALYSIS NO. : T24AF247-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			INFLUENT จุดเก็บปริมสภาพ T24AF247-0001	
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	7.3 (31°C)	-
BIOCHEMICAL OXYGEN DEMAND ^c	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	214	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	65.3	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	510	25
SETTLEABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.6	0.1
SULPHIDE ^c	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ² - F)	3.1	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	242	15
FAT, OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	8	3
MICROBIOLOGY				
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	>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.

LABORATORY SUPERVISOR

MARCH 22, 2024



ANALYSIS REPORT

CUSTOMER NAME : AIA COMPANY LIMITED
ADDRESS : 181 SURAWONG ROAD SURIYAWONG BANG RAK BANGKOK 10500
CONTACT INFORMATION : TEL : 0 2248 2244 e-mail : Teerawat.Dang@ap.jll.com
SAMPLING SOURCE : AIA CAPPITAL CENTER
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : APRIL 9, 2024
SAMPLING TIME : 10:50 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :
RECEIVED DATE : APRIL 9, 2024
ANALYTICAL DATE : APRIL 9-19, 2024
ISSUE DATE : APRIL 19, 2024
REPORT NO. : 2024-U032443
WORK NO. : 2023-007401
ANALYSIS NO. : T24AH588-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			INFLUENT จุดส่งปริมสภาพ T24AH588-0001	
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	7.1 (32°C)	-
BIOCHEMICAL OXYGEN DEMAND ^c	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	200	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	56.6	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	596	25
SETTLEABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	0.1
SULPHIDE ^c	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	3.1	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	101	1.5
FAT, OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	6	3
MICROBIOLOGY				
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	>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.

LABORATORY SUPERVISOR

APRIL 22, 2024



ANALYSIS REPORT

CUSTOMER NAME : AIA COMPANY LIMITED
ADDRESS : 181 SURAWONG ROAD SURIYAWONG BANG RAK BANGKOK 10500
CONTACT INFORMATION : TEL : 0 2248 2244 e-mail : Teerawat.Dang@ap.jll.com
SAMPLING SOURCE : AIA CAPPITAL CENTER
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : MAY 8, 2024
SAMPLING TIME : 11:45 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :
RECEIVED DATE : MAY 8, 2024
ANALYTICAL DATE : MAY 8-14, 2024
ISSUE DATE : MAY 15, 2024
REPORT NO. : 2024-U041382
WORK NO. : 2023-007401
ANALYSIS NO. : T24AJ573-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			INFLUENT จุดถึงปรับสภาพ T24AJ573-0001	
pH	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	7.1 (31°C)	-
BIOCHEMICAL OXYGEN DEMAND	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	154	2.0
SUSPENDED SOLIDS	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	73.1	5.0
TOTAL DISSOLVED SOLIDS	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	574	25
SETTLEABLE SOLIDS	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.1	0.1
SULPHIDE	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	4.5	0.50
TOTAL KJELDAHL NITROGEN	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	99.7	1.5
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	5	3
MICROBIOLOGY				
COLIFORM BACTERIA	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B)	>160,000	1.8
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			GREY/TURBID	
SEDIMENT			GREY	

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.

LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : AIA CAPITAL CENTER
ADDRESS : 89 RATCHADAPISEK ROAD DIN DAENG DIN DAENG BANGKOK 10400
CONTACT INFORMATION : TEL : 0 2248 2244 e-mail : Teerawat.Dang@ap.jll.com
SAMPLING SOURCE : AIA CAPPITAL CENTER
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : JUNE 10, 2024
SAMPLING TIME : 11:20 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :
RECEIVED DATE : JUNE 10, 2024
ANALYTICAL DATE : JUNE 10-18, 2024
ISSUE DATE : JUNE 18, 2024
REPORT NO. : 2024-U054091
WORK NO. : 2023-008045
ANALYSIS NO. : T24AM662-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			INFLUENT จุดส่งปรับสภาพ T24AM662-0001	
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	7.1 (31°C)	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	178	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	71.7	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	503	25
SETTLEABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	2.0	0.1
SULPHIDE ^c	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	3.3	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	94.8	1.5
FAT, OIL AND GREASE ^a ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	14	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			INFLUENT จุดส่งปริมสภาพ T24AM662-0001	
MICROBIOLOGY				
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)	>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, 24th EDITION, 2023.

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

^ : CUSTOMER INFORMATION

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LABORATORY SUPERVISOR

ภาคผนวก ค-2

ผลการวิเคราะห์คุณภาพน้ำประปา

ANALYSIS REPORT

CUSTOMER NAME : AIA CAPITAL CENTER
ADDRESS : 89 RATCHADAPISEK ROAD DIN DAENG DIN DAENG BANGKOK 10400
CONTACT INFORMATION : TEL : 0 2248 2244 e-mail : Teerawat.Dang@ap.jll.com
SAMPLING SOURCE : AIA RATCHADA
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : JANUARY 10, 2024
SAMPLING TIME : 11:10 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : JANUARY 10, 2024
ANALYTICAL DATE : JANUARY 10-12, 2024
REPORT NO. : 2024-U004933
WORK NO. : 2020-004721
ANALYSIS NO. : T24AA504-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T24AA504-0004	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	288	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

JANUARY 18, 2024



ANALYSIS REPORT

CUSTOMER NAME : AIA CAPITAL CENTER
ADDRESS : 89 RATCHADAPISEK ROAD DIN DAENG DIN DAENG BANGKOK 10400
CONTACT INFORMATION : TEL : 0 2248 2244 e-mail : Teerawat.Dang@ap.jll.com
SAMPLING SOURCE : AIA RATCHADA
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : FEBRUARY 14, 2024
SAMPLING TIME : 11:10 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : FEBRUARY 14, 2024
ANALYTICAL DATE : FEBRUARY 14-20, 2024
ISSUE DATE : FEBRUARY 22, 2024
REPORT NO. : 2024-U015507
WORK NO. : 2020-004721
ANALYSIS NO. : T24AD005-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T24AD005-0004	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	289	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

FEBRUARY 22, 2024



ANALYSIS REPORT

CUSTOMER NAME : AIA COMPANY LIMITED
ADDRESS : 181 SURAWONG ROAD SURIYAWONG BANG RAK BANGKOK 10500
CONTACT INFORMATION : TEL : 0 2248 2244 e-mail : Teerawat.Dang@ap.jll.com
SAMPLING SOURCE : AIA CAPPITAL CENTER
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : MARCH 13, 2024
SAMPLING TIME : 12:00 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : MARCH 13, 2024
ANALYTICAL DATE : MARCH 13-19, 2024
ISSUE DATE : MARCH 21, 2024
REPORT NO. : 2024-U023776
WORK NO. : 2023-007401
ANALYSIS NO. : T24AF247-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T24AF247-0004	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	265	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

MARCH 22, 2024



ANALYSIS REPORT

CUSTOMER NAME : AIA COMPANY LIMITED
ADDRESS : 181 SURAWONG ROAD SURIYAWONG BANG RAK BANGKOK 10500
CONTACT INFORMATION : TEL : 0 2248 2244 e-mail : Teerawat.Dang@ap.jll.com
SAMPLING SOURCE : AIA CAPPITAL CENTER
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : APRIL 9, 2024
SAMPLING TIME : 11:05 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : APRIL 9, 2024
ANALYTICAL DATE : APRIL 9-11, 2024
ISSUE DATE : APRIL 19, 2024
REPORT NO. : 2024-U032446
WORK NO. : 2023-007401
ANALYSIS NO. : T24AH588-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T24AH588-0004	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	212	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

APRIL 22, 2024



ANALYSIS REPORT

CUSTOMER NAME : AIA COMPANY LIMITED
ADDRESS : 181 SURAWONG ROAD SURIYAWONG BANG RAK BANGKOK 10500
CONTACT INFORMATION : TEL : 0 2248 2244 e-mail : Teerawat.Dang@ap.jil.com
SAMPLING SOURCE : AIA CAPPITAL CENTER
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : MAY 8, 2024
SAMPLING TIME : 11:55 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY :
ANALYZED BY :
RECEIVED DATE : MAY 8, 2024
ANALYTICAL DATE : MAY 8-14, 2024
ISSUE DATE : MAY 15, 2024
REPORT NO. : 2024-U041385
WORK NO. : 2023-007401
ANALYSIS NO. : T24AJ573-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T24AJ573-0004	
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	291	25
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -	

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

LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : AIA CAPITAL CENTER
ADDRESS : 89 RATCHADAPISEK ROAD DIN DAENG DIN DAENG BANGKOK 10400
CONTACT INFORMATION : TEL : 0 2248 2244 e-mail : Teerawat.Dang@ap.jll.com
SAMPLING SOURCE : AIA CAPPITAL CENTER
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : JUNE 10, 2024
SAMPLING TIME : 11:35 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c :
ANALYZED BY :
RECEIVED DATE : JUNE 10, 2024
ANALYTICAL DATE : JUNE 10-17, 2024
ISSUE DATE : JUNE 18, 2024
REPORT NO. : 2024-U054094
WORK NO. : 2023-008045
ANALYSIS NO. : T24AM662-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T24AM662-0004	
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, 24th EDITION, 2023.

LABORATORY SUPERVISOR

