



ภาคผนวก ค
ใบรายงานผลการวิเคราะห์คุณภาพน้ำ

- ค 1** ใบรายงานผลการวิเคราะห์คุณภาพน้ำทั้ง บริเวณระบบบำบัดน้ำเสีย
 ของโครงการ เดือน กรกฎาคม พ.ศ. 2567
- ค 2** ใบรายงานผลการวิเคราะห์คุณภาพน้ำทั้ง บริเวณจุดระบายน้ำออกนอก
 โครงการเดือน ตุลาคม พ.ศ. 2567
- ค 3** ใบรายงานผลการวิเคราะห์คุณภาพน้ำประปา
 เดือน พฤศจิกายน พ.ศ. 2567
- ค 4** ใบรายงานผลการวิเคราะห์คุณภาพน้ำประปา
 เดือน ธันวาคม พ.ศ. 2567





ภาคผนวก ค 1
ใบรายงานผลการวิเคราะห์คุณภาพน้ำทิ้ง
บริเวณระบบบำบัดน้ำเสียของโครงการ
เดือน กรกฎาคม พ.ศ. 2567



ANALYSIS REPORT

CUSTOMER NAME : THE IRIS RAMA 9-SRINAKARIN
ADDRESS : SRINAKARIN ROAD SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2481 5234, 065 291 6858 e-mail : nisanad.v@thelivingos.com
SAMPLING SOURCE : นิคมอุตสาหกรรมวัด ตี ไชยสิทธิ์ (พระราม 9 - ศรีนครินทร์)
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JULY 8, 2024
SAMPLING TIME : 13:20 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : XXXXXXXXXX
ANALYZED BY : XXXXXXXXXX

RECEIVED DATE : JULY 8, 2024
ANALYTICAL DATE : JULY 8-15, 2024
ISSUE DATE : JULY 16, 2024
REPORT NO. : 2024-U064846
WORK NO. : 2024-002052
ANALYSIS NO. : T24AP376-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			ระบบบำบัดน้ำเสีย ของโครงการ T24AP376-0001		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	8.3 (32°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	4.3	≤ 20	2.0
SUSPENDED SOLIDS ^c	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	ND	≤ 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	227	500*	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500 -S ²⁻ F)	< 0.50	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	< LOQ	≤ 35	15
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
			ระบบบริหารจัดการ ของโครงการ T24AP376-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)	92,000	-	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.

ND : NOT DETECTED.

< LOQ : < LIMIT OF QUANTITATION (TOTAL KJELDAHL NITROGEN ≥ 1.5 AND < 5.0 mg/L).

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : THE IRIS RAMA 9-SRINAKARIN
ADDRESS : SRINAKARIN ROAD SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2481 5234, 065 291 6858 e-mail : nisanad.v@thelivingos.com
SAMPLING SOURCE : นิคมอุตสาหกรรม ดิ ไอริส (พระราม 9 - ศรีนครินทร์)
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JULY 8, 2024
SAMPLING TIME : 13:15 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : XXXXXXXXXX
ANALYZED BY : XXXXXXXXXX

RECEIVED DATE : JULY 8, 2024
ANALYTICAL DATE : JULY 8-15, 2024
ISSUE DATE : JULY 16, 2024
REPORT NO. : 2024-U064848
WORK NO. : 2024-002052
ANALYSIS NO. : T24AP376-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			จุดตรวจน้ำทิ้งนอก เขตโครงการ T24AP376-0002		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	8.4 (32°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	4.3	≤ 20	2.0
SUSPENDED SOLIDS ^c	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	ND	≤ 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	225	500*	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500 -S ²⁻ F)	< 0.50	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	< LOQ	≤ 35	15
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
			จุดตรวจน้ำทิ้งออกนอกโครงการ T24AP376-0002		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	180,000	-	1.8
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/CLEAR		
SEDIMENT			YELLOW		

^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.

ND : NOT DETECTED.

< LOQ : < LIMIT OF QUANTITATION (TOTAL KJELDAHL NITROGEN ≥ 1.5 AND < 5.0 mg/L).

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : THE IRIS RAMA 9-SRINAKARIN
ADDRESS : SRINAKARIN ROAD SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 0 2481 5234, 065 291 6858 e-mail : nisanad.v@thelivingos.com
SAMPLING SOURCE : นิคมอุตสาหกรรม ดิ ไอริส (พระราม 9 - ศรีนครินทร์)
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : JULY 8, 2024
SAMPLING TIME : 13:25 HOUR
SAMPLING METHOD ° : GRAB
SAMPLING BY ° : 
ANALYZED BY : 
RECEIVED DATE : JULY 8, 2024
ANALYTICAL DATE : JULY 8-15, 2024
ISSUE DATE : JULY 16, 2024
REPORT NO. : 2024-U064849
WORK NO. : 2024-002052
ANALYSIS NO. : T24AP376-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T24AP376-0003	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	242	25
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR YELLOW	

^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.



(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



ภาคผนวก ค 2
ใบรายงานผลการวิเคราะห์คุณภาพน้ำทิ้ง
บริเวณจุดระบายน้ำออกนอกโครงการ
เดือน ตุลาคม พ.ศ. 2567



ANALYSIS REPORT

CUSTOMER NAME : THE IRIS RAMA 9-SRINAKARIN
ADDRESS : SRINAKARIN ROAD SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 02 254 3123, 098 968 0705 e-mail : nisanad.v@thellvingos.com
SAMPLING SOURCE : นิคมอุตสาหกรรม ดิ ไอริส (พระราม 9 - ศรีนครินทร์)
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : OCTOBER 31, 2024
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY :
ANALYZED BY :
RECEIVED DATE : OCTOBER 31, 2024
ANALYTICAL DATE : OCTOBER 31 - NOVEMBER 8, 2024
ISSUE DATE : NOVEMBER 8, 2024
REPORT NO. : 2024-U104965
WORK NO. : 2024-010136
ANALYSIS NO. : T24AZ554-0001 - T24AZ554-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 14:50 HOUR 1/ T24AZ554-0001	2 15:00 HOUR 1/ T24AZ554-0002			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.1 (32.0°C)	7.2 (31.8°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	6.4	7.0	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	5.7	5.3	≤ 30	5.0	-
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	191	225	≤ 1,000	25	-
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	< 0.1	-	0.1	-
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ₂ F)	< 0.50	< 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	7.8	5.9	≤ 35	1.5	5.0
OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	< 3	≤ 20	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1	2			
			14:50 HOUR 1/ T24AZ554-0001	15:00 HOUR 1/ T24AZ554-0002			
MICROBIOLOGY							
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	>160,000	>160,000	-	1.8	-
SAMPLE CONDITION							
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN	YELLOW/CLEAR 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 : ระบบบำบัดน้ำเสียของโครงการ

RESULT 2 : จุดระบายน้ำที่ส่งออกนอกโครงการ

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

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



ภาคผนวก ค 3
ใบรายงานผลการวิเคราะห์คุณภาพน้ำประปา
เดือน พฤศจิกายน พ.ศ. 2567



ANALYSIS REPORT

CUSTOMER NAME : THE IRIS RAMA 9-SRINAKARIN
ADDRESS : SRINAKARIN ROAD SUAN LUANG SUAN LUANG BANGKOK 10250
CONTACT INFORMATION : TEL : 02 254 3123, 098 968 0705 e-mail : nisanad.v@thelivingos.com
SAMPLING SOURCE : นิคมอุตสาหกรรมภูเก็ต ดี ไอริส (พระราม 9 - ศรีนครินทร์)
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : NOVEMBER 27, 2024
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : NOVEMBER 27, 2024
ANALYTICAL DATE : NOVEMBER 27 - DECEMBER 3, 2024
ISSUE DATE : DECEMBER 4, 2024
REPORT NO. : 2024-U113589
WORK NO. : 2024-010136
ANALYSIS NO. : T24BB953-0001 - T24BB953-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 13:45 HOUR 1/ T24BB953-0001	2 13:48 HOUR 1/ T24BB953-0002			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.6 (31.1°C)	7.6 (31.2°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	8.2	6.7	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	5.0	< 5.0	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	314	310	≤ 1,000	-	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	< 0.1	-	0.1	-
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ₂ F)	< 0.50	< 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	6.8	6.6	≤ 35	15	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	< 3	≤ 20	-	3

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 13:45 HOUR I/ T248B953-0001	2 13:40 HOUR I/ T248B953-0002			
MICROBIOLOGY							
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	92,000	24,000	-	1.8	-
SAMPLE CONDITION							
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN	YELLOW/CLEAR 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 : ระบบบำบัดน้ำเสียของโครงการ

RESULT 2 : จุดระบายน้ำทิ้งออกนอกโครงการ

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

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



ภาคผนวก ค 4
ใบรายงานผลการวิเคราะห์คุณภาพน้ำประปา
เดือน ธันวาคม พ.ศ. 2567



ANALYSIS REPORT

CUSTOMER NAME	: THE IRIS RAMA 9-SRINAKARIN	RECEIVED DATE	: DECEMBER 19, 2024
ADDRESS	: SRINAKARIN ROAD SUAN LUANG SUAN LUANG BANGKOK 10250	ANALYTICAL DATE	: NOVEMBER 19 - DECEMBER 26, 2024
CONTACT INFORMATION	: TEL : 02 254 3123, 098 968 0705 e-mail : nisanad.v@thelivingos.com	ISSUE DATE	: DECEMBER 27, 2024
SAMPLING SOURCE	: บึงบอระเพ็ดชลประทาน ต. ไชยสิทธิ์ (พระราม 9 - ศรีนครินทร์)	REPORT NO.	: 2024-U123054
SAMPLE TYPE	: EFFLUENT	WORK NO.	: 2024-010136
SAMPLING DATE	: DECEMBER 19, 2024	ANALYSIS NO.	: T24BD833-0001 - T24BD833-0002
SAMPLING TIME	: 1/		
SAMPLING METHOD	: GRAB		
SAMPLING BY			
ANALYZED BY			

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 13:40 HOUR 1/ T24BD833-0001	2 13:50 HOUR 1/ T24BD833-0002			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	6.6 (31.0°C)	6.6 (30.0°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	19.0	6.5	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	5.3	7.6	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	414	418	≤ 1,000	-	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	< 0.1	-	0.1	-
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	< 0.50	< 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	5.9	5.7	≤ 35	1.5	5.0
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	< 3	≤ 20	-	3

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 13:40 HOUR 1/ T24BD833-0001	2 13:50 HOUR 1/ T24BD833-0002			
MICROBIOLOGY							
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)	13,000	11,000	-	1.8	-
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/CLEAR	YELLOW/CLEAR			
SEDIMENT			BROWN	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 : ระบบบำบัดน้ำเสียของโครงการ

RESULT 2 : จุดระบายน้ำที่ออกนอกโครงการ

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

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR