

คุณภาพน้ำผิวดิน

บริษัท อินทิเกรทเต็ด รีเสิร์ช เซ็นเตอร์ จำกัด



Analysis Report

Report No. : 2024/05/140
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd.
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/05/136
 Sampling Time : 11.20 AM
 Sampling Site : คลองวังบริเวณสะพานทางหลวงจังหวัดหมายเลข 3079
 Sampling Method : Grab
 Sampling Date : 07/05/2024
 Received Date : 07/05/2024
 Analyzed Date : 7-14/05/2024
 Sample Type : Surface water

Parameter	Unit	Method	Result	Standard*
pH	-	Electrometric Medthod	7.3	5.0 - 9.0
Temperature	°C	Laboratory and Field Medthod	29.3	Naturally ¹
BOD	mg/L	5-Day BOD Test,Azide Modification Method	4.7	≤ 1.5
Suspended Solids	mg/L	Dried at 103-105 °C	111	-
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.007	≤ 0.1
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.015	≤ 0.1
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.05
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.010	≤ 1.0
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.834	≤ 1.0
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.05

Physical Appearance : Yellow, Moderate turbid, Suspend and Precipitate sediment, Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater, 23rd Edition, 2017 recommended by APHA - AWWA - WEF.

* Notification of the National Environment Board No.8 B.E. 2537 (1994) issued under the National Environment Quality Act B.E. 2535(1992) Re: Surface water Quality Standards.(type 2)

Sampling by

Approved By

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Analysis Report

Report No. : 2024/05/141
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd.
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/05/141
 Sampling Time : 11.35 AM
 Sampling Site : คลองวังบริเวณบ้านนายไยโน
 Sampling Method : Grab
 Sampling Date : 07/05/2024
 Received Date : 07/05/2024
 Analyzed Date : 7-14/05/2024
 Sample Type : Surface water

Parameter	Unit	Method	Result	Standard*
pH	-	Electrometric Medthod	7.5	5.0 - 9.0
Temperature	°C	Laboratory and Field Medthod	29.1	Naturally ¹
BOD	mg/L	5-Day BOD Test,Azide Modification Method	4.9	≤ 1.5
Suspended Solids	mg/L	Dried at 103-105 °C	33	-
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.1
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.012	≤ 0.1
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.05
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.011	≤ 1.0
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	1.206	≤ 1.0
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.05

Physical Appearance : Yellow, Moderate turbid, Suspend and Precipitate sediment, Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater, 23rd Edition, 2017 recommended by APHA - AWWA - WEF.

* Notification of the National Environment Board No.8 B.E. 2537 (1994) issued under the National Environment Quality Act B.E. 2535(1992) Re: Surface water Quality Standards.(type 2)

Sampling by

Approved By

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Analysis Report

Report No. : 2024/05/142
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd.
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/05/137
 Sampling Time : 12.05 PM
 Sampling Site : คลองวังหลังไหลผ่านพื้นที่โครงการ 500 เมตร
 Sampling Method : Grab
 Sampling Date : 07/05/2024
 Received Date : 07/05/2024
 Analyzed Date : 7-14/05/2024
 Sample Type : Surface water

Parameter	Unit	Method	Result	Standard*
pH	-	Electrometric Medthod	7.4	5.0 - 9.0
Temperature	°C	Laboratory and Field Medthod	28.5	Naturally ¹
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	4.5	≤ 1.5
Suspended Solids	mg/L	Dried at 103-105 °C	42	-
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.1
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.011	≤ 0.1
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.05
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.016	≤ 1.0
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	1.036	≤ 1.0
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.05

Physical Appearance : Yellow , Moderate turbid ,Suspend and Precipitate sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
 23rd Edition,2017 recommended by APHA - AWWA - WEF.
 * Notification of the National Environment Board No.8 B.E. 2537 (1994) issued under the National
 Environment Quality Act B.E. 2535(1992) Re: Surface water Quality Standards.(type 2)

Sampling by [Redacted] 1. Temperature not more than 3 °C

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Analysis Report

Report No. : 2024/05/143
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd.
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/05/143
 Sampling Time : 03.20 PM
 Sampling Site : จุดบรรจบระหว่างคลองวังสีและแม่น้ำปราจีนบุรี
 Sampling Method : Grab
 Sampling Date : 07/05/2024
 Received Date : 07/05/2024
 Analyzed Date : 7-14/05/2024
 Sample Type : Surface water

Parameter	Unit	Method	Result	Standard*
pH	-	Electrometric Medthod	7.6	5.0 - 9.0
Temperature	°C	Laboratory and Field Medthod	28.5	-
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	2.7	≤ 1.5
Suspended Solids	mg/L	Dried at 103-105 °C	86	-
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.1
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.016	≤ 0.1
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.05
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.005	≤ 1.0
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.681	≤ 1.0
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.05

Physical Appearance : Yellow , Moderate turbid ,Suspend and Precipitate sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
 23rd Edition,2017 recommended by APHA - AWWA - WEF.
 * Notification of the National Environment Board No.8 B.E. 2537 (1994) issued under the National
 Environment Quality Act B.E. 2535(1992) Re: Surface water Quality Standards.(type 2)

Sampling by [Redacted] 1. Naturally but changing not more than 3 °C

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Analysis Report

Report No. : 2024/05/144

Customer : 304 INDUSTRIAL PARK 7 Co., Ltd.

Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140

Sample No. : 2024/05/144 Sampling Date : 07/05/2024

Sampling Time : 02.45 PM Received Date : 07/05/2024

Sampling Site : ฤๅดชี้แสด Analyzed Date : 7-14/05/2024

Sampling Method : Grab Sample Type : Surface water

Parameter	Unit	Method	Result	Standard*
pH	-	Electrometric Medthod	7.2	5.0 - 9.0
Temperature	°C	Laboratory and Field Medthod	28.9	-
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	3.1	≤ 1.5
Suspended Solids	mg/L	Dried at 103-105 °C	145	-
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.1
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.006	≤ 0.1
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.05
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.010	≤ 1.0
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.431	≤ 1.0
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.05

Physical Appearance : Yellow , Moderate turbid ,Suspend and Precipitate sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
23rd Edition,2017 recommended by APHA - AWWA - WEF.

* Notification of the National Environment Board No.8 B.E. 2537 (1994) issued under the National
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Sampling by

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คุณภาพน้ำจากระบบบำบัดน้ำเสียส่วนกลาง

บริษัท ยูไนเต็ด แอนนาลิสต์ แอนด์ เอ็นจิเนียริง

คอนซัลแตนท์ จำกัด

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.

ADDRESS : [REDACTED] 25140.

CONTACT INFORMATION : [REDACTED]

SAMPLING SOURCE : [REDACTED]

SAMPLE TYPE : WASTEWATER RECEIVED DATE : JANUARY 5, 2024
SAMPLING DATE : JANUARY 4, 2024 ANALYTICAL DATE : JANUARY 5-23, 2024
SAMPLING TIME : 10:55 HOUR REPORT NO. : 2024-U006275
SAMPLING METHOD ^a : GRAB WORK NO. : 2023-000005
: GRAB AND STERILE TECHNIQUE ANALYSIS NO. : T24AA207-0001

SAMPLING BY ^a : [REDACTED]

ANALYZED BY : [REDACTED]

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			EQUALIZATION TANK (ETP2) T24AA207-0001
FLOW RATE ^c	m ³ /hr	CURRENT METER AND CALCULATION	720
AMMONIA-NITROGEN ^b	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	< LOQ
DISSOLVED OXYGEN ^c	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	2.5
NITRATE-NITROGEN ^c	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM : PART 4500-NO ₃ E)	0.15
METALS			
MERCURY ^a	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND
MICROBIOLOGY			
FAECAL COLIFORM BACTERIA ^a	MPN/100 mL	MULTIPLE TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	28,000
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, 23rd EDITION, 2017.

ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).

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

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.

ADDRESS : [REDACTED] 25140.

CONTACT INFORMATION : [REDACTED]

SAMPLING SOURCE : SECONDARY CLARIFIER (ETP2)

SAMPLE TYPE : WASTEWATER RECEIVED DATE : JANUARY 5, 2024
SAMPLING DATE : JANUARY 4, 2024 ANALYTICAL DATE : JANUARY 5-23, 2024
SAMPLING TIME : 11:33 HOUR REPORT NO. : 2024-U006276
SAMPLING METHOD : [REDACTED] WORK NO. : 2023-000005
SAMPLING BY : [REDACTED] ANALYSIS NO. : T24AA207-0003

ANALYZED BY : [REDACTED]

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SECONDARY CLARIFIER (ETP2) T24AA207-0003	
FLOW RATE	m ³ /hr	CURRENT METER AND CALCULATION	720	-
METALS				
MERCURY	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND	≤ 0.005
SAMPLE CONDITION				
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	

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

REGULATORY STANDARD : NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT: THE SPECIFICATION OF EFFLUENT
STANDARD FOR A FACTORY, INDUSTRIAL ESTATE AND OPERATING FACTORY AREA, B.E. 2559 (2016).

REGULATORY STANDARD : INDUSTRIAL EFFLUENT STANDARDS, NOTIFICATION OF THE MINISTRY OF INDUSTRY, B.E. 2560.

ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 166 Moo 3, THAIGOM, SRINAKHULWIN, SRINAKHULWIN 25140.
CONTACT INFORMATION : [REDACTED]
SAMPLING SOURCE : [REDACTED]
SAMPLE TYPE : WASTEWATER RECEIVED DATE : JANUARY 5, 2024
SAMPLING DATE : JANUARY 4, 2024 ANALYTICAL DATE : JANUARY 5-23, 2024
SAMPLING TIME : 11:15 HOUR REPORT NO. : 2024-U006278
SAMPLING METHOD : GRAB WORK NO. : 2023-000005
SAMPLING METHOD : GRAB AND STERILE TECHNIQUE ANALYSIS NO. : T24AA207-0006
SAMPLING BY : [REDACTED]
ANALYZED BY : [REDACTED]

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			EQUALIZATION TANK (ETP2A) T24AA207-0006
FLOW RATE *	m ³ /hr	CURRENT METER AND CALCULATION	1.080
AMMONIA-NITROGEN ^b	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	< LOQ
DISSOLVED OXYGEN ^c	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	1.8
NITRATE-NITROGEN ^c	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM : PART 4500-NO ₃ E)	0.14
METALS			
MERCURY ^c	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND
MICROBIOLOGY			
FAECAL COLIFORM BACTERIA ^a	MPN/100 mL	MULTIPLE TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	170
SAMPLE CONDITION			
WATER'S COLOUR/TURBID			YELLOW/TURBID
SEDIMENT			BROWN

* : 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.

ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).

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

• PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
• THIS ANALYSIS REPORT APPROVES ONLY FOR SUBMITTED SAMPLES.

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : [REDACTED]
CONTACT INFORMATION : [REDACTED]
SAMPLING SOURCE : [REDACTED]
SAMPLE TYPE : WASTEWATER RECEIVED DATE : JANUARY 5, 2024
SAMPLING DATE : JANUARY 4, 2024 ANALYTICAL DATE : JANUARY 5-23, 2024
SAMPLING TIME : 11:20 HOUR REPORT NO. : 2024-U006279
SAMPLING METHOD : GRAB WORK NO. : 2023-000005
SAMPLING METHOD : GRAB AND STERILE TECHNIQUE ANALYSIS NO. : T24AA207-0008
SAMPLING BY : [REDACTED]
ANALYZED BY : [REDACTED]

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อน้ำทิ้งสุดท้ายหลังการบำบัด (TREATED EFFLUENT) (ETP2A) T24AA207-0008	
FLOW RATE *	m ³ /hr	CURRENT METER AND CALCULATION	1.080	-
AMMONIA-NITROGEN ^b	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	< LOQ	-
DISSOLVED OXYGEN ^c	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	4.1	-
NITRATE-NITROGEN ^c	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ E)	0.13	-
METALS				
MERCURY ^c	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND	≤ 0.005
MICROBIOLOGY				
FAECAL COLIFORM BACTERIA ^a	MPN/100 mL	MULTIPLE TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	1,300	-
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			YELLOW/TURBID	
SEDIMENT			YELLOW	

* : 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, 23rd EDITION, 2017.

REGULATORY STANDARD : NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT: THE SPECIFICATION OF EFFLUENT
STANDARD FOR A FACTORY, INDUSTRIAL ESTATE AND OPERATING FACTORY AREA, B.E. 2559 (2016).

REGULATORY STANDARD : INDUSTRIAL EFFLUENT STANDARDS, NOTIFICATION OF THE MINISTRY OF INDUSTRY, B.E. 2560.

ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).

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

LABORATORY SUPERVISOR

JANUARY 23, 2024

• PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
• THIS ANALYSIS REPORT APPROVES ONLY FOR SUBMITTED SAMPLES.

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : [REDACTED]
SAMPLING SOURCE : EFFLUENT AT IRRIGATION POND (บ่อบำบัดน้ำทิ้งที่ผ่านการบำบัดแล้ว)
SAMPLE TYPE : EFFLUENT RECEIVED DATE : JANUARY 5, 2024
SAMPLING DATE : JANUARY 4, 2024 ANALYTICAL DATE : JANUARY 5-18, 2024
SAMPLING TIME : 10:40 HOUR REPORT NO. : 2024-U006277
SAMPLING METHOD * : GRAB WORK NO. : 2023-000005
: GRAB AND STERILE TECHNIQUE ANALYSIS NO. : T24AA207-0004

SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			EFFLUENT AT IRRIGATION POND (บ่อบำบัดน้ำทิ้งที่ผ่านการบำบัดแล้ว) T24AA207-0004	
FLOW RATE *	m ³ /hr	CURRENT METER AND CALCULATION	3.222	-
AMMONIA-NITROGEN ^b	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	7.4	-
DISSOLVED OXYGEN ^c	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	2.4	-
NITRATE-NITROGEN ^c	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM : PART 4500-NO ₃ E)	0.17	-
METALS				
MERCURY ^c	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND	≤ 0.005
MICROBIOLOGY				
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	490	-
SAMPLE CONDITION				
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	

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

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

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

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

REGULATORY STANDARD : NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT: THE SPECIFICATION OF EFFLUENT STANDARD FOR A FACTORY, INDUSTRIAL ESTATE AND OPERATING FACTORY AREA, B.E. 2559 (2016).

REGULATORY STANDARD : INDUSTRIAL EFFLUENT STANDARDS, NOTIFICATION OF THE MINISTRY OF INDUSTRY, B.E. 2560.

* : MEASURED BY CUSTOMER.

ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).

• PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
• THIS ANALYSIS REPORT APPROVES ONLY FOR SUBMITTED SAMPLES.

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : [REDACTED]
SAMPLING SOURCE : [REDACTED]
SAMPLE TYPE : WASTEWATER RECEIVED DATE : FEBRUARY 7, 2024
SAMPLING DATE : FEBRUARY 6, 2024 ANALYTICAL DATE : FEBRUARY 7-16, 2024
SAMPLING TIME : 10:35 HOUR ISSUE DATE : FEBRUARY 28, 2024
SAMPLING METHOD * : GRAB REPORT NO. : 2024-U016396
WORK NO. : 2023-000005
ANALYSIS NO. : T24AC417-0001

SAMPLING BY * : [REDACTED]
ANALYZED BY : [REDACTED]

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			EQUALIZATION TANK (ETP2) T24AC417-0001
FLOW RATE *	m ³ /hr	CURRENT METER AND CALCULATION	936
AMMONIA-NITROGEN ^b	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	20.8
DISSOLVED OXYGEN ^c	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	1.8
NITRATE-NITROGEN ^c	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM : PART 4500-NO ₃ E)	0.15
METALS			
MERCURY ^c	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND
MICROBIOLOGY			
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	> 160,000
SAMPLE CONDITION			
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN

* : 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.

ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).

• PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
• THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : [REDACTED]
CONTACT INFORMATION : [REDACTED]
SAMPLING SOURCE : [REDACTED]
SAMPLE TYPE : WASTEWATER **RECEIVED DATE** : FEBRUARY 7, 2024
SAMPLING DATE : FEBRUARY 6, 2024 **ANALYTICAL DATE** : FEBRUARY 7-16, 2024
SAMPLING TIME : 10:40 HOUR **ISSUE DATE** : FEBRUARY 28, 2024
SAMPLING METHOD : GRAB **REPORT NO.** : 2024-U016397
: GRAB AND STERILE TECHNIQUE **WORK NO.** : 2023-000005
SAMPLING BY : [REDACTED] **NO.** : T24AC417-0003
ANALYZED BY : [REDACTED]

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			EQUALIZATION TANK (ETP2A) T24AC417-0003
FLOW RATE ^a	m ³ /hr	CURRENT METER AND CALCULATION	1.116
AMMONIA-NITROGEN ^b	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	13.0
DISSOLVED OXYGEN ^c	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	0.9
NITRATE-NITROGEN ^c	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ E)	0.15
METALS			
MERCURY ^c	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND
MICROBIOLOGY			
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	54,000
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, 23RD EDITION, 2017.

ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).

• PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
• THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140
CONTACT INFORMATION : [REDACTED]
SAMPLING SOURCE : SECONDARY CLARIFIER (ETP2)
SAMPLE TYPE : WASTEWATER **RECEIVED DATE** : FEBRUARY 7, 2024
SAMPLING DATE : FEBRUARY 6, 2024 **ANALYTICAL DATE** : FEBRUARY 7-14, 2024
SAMPLING TIME : [REDACTED] **ISSUE DATE** : FEBRUARY 28, 2024
SAMPLING METHOD : [REDACTED] **REPORT NO.** : 2024-U016398
SAMPLING BY : [REDACTED] **WORK NO.** : 2023-000005
ANALYZED BY : [REDACTED] **ANALYSIS NO.** : T24AC417-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SECONDARY CLARIFIER (ETP2) T24AC417-0005	
FLOW RATE	m ³ /hr	CURRENT METER AND CALCULATION	936	-
METALS				
MERCURY	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND	≤ 0.005
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	

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

REGULATORY STANDARD : NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT: THE SPECIFICATION OF EFFLUENT STANDARD FOR A FACTORY, INDUSTRIAL ESTATE AND OPERATING FACTORY AREA, B.E. 2559 (2016).

REGULATORY STANDARD : INDUSTRIAL EFFLUENT STANDARDS, NOTIFICATION OF THE MINISTRY OF INDUSTRY, B.E. 2560.

ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).

• PROHIBITED TO PARTIALLY COPY ANALYSIS REPORT PRIOR TO WRITTEN PERMISSION BY THE LABORATORY.
• THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : [REDACTED]
SAMPLING SOURCE : [REDACTED]
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : FEBRUARY 6, 2024
SAMPLING TIME : 11:00 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : FEBRUARY 7, 2024
ANALYTICAL DATE : FEBRUARY 7-16, 2024
ISSUE DATE : FEBRUARY 28, 2024
REPORT NO. : 2024-U016399
WORK NO. : 2023-000005
ANALYSIS NO. : T24AC417-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			น้ำทิ้งจากห้ยหลังการบำบัด (TREATED EFFLUENT) (ETP2A) T24AC417-0006	
FLOW RATE *	m ³ /hr	CURRENT METER AND CALCULATION	1.116	-
AMMONIA-NITROGEN *	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	7.3	-
DISSOLVED OXYGEN *	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	1.8	-
NITRATE-NITROGEN *	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ E)	1.07	-
METALS				
MERCURY *	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND	≤ 0.005
MICROBIOLOGY				
FAECAL COLIFORM BACTERIA *	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	490	-
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			YELLOW/TURBID	
SEDIMENT			BROWN	

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

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

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

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

REGULATORY STANDARD : NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT: THE SPECIFICATION OF EFFLUENT
STANDARD FOR A FACTORY, INDUSTRIAL ESTATE AND OPERATING FACTORY AREA, B.E. 2559 (2016).

REGULATORY STANDARD : INDUSTRIAL EFFLUENT STANDARDS, NOTIFICATION OF THE MINISTRY OF INDUSTRY, B.E. 2560.

ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).

• PROHIBITED TO [REDACTED] WRITTEN PERMISSION BY THE LABORATORY.
• THIS ANALYSIS [REDACTED] RECEIVED.

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : [REDACTED]
SAMPLING SOURCE : [REDACTED]
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : FEBRUARY 6, 2024
SAMPLING TIME : 10:10 HOUR
SAMPLING METHOD : [REDACTED]
SAMPLING BY : [REDACTED]
ANALYZED BY : [REDACTED]

RECEIVED DATE : FEBRUARY 7, 2024
ANALYTICAL DATE : FEBRUARY 7-16, 2024
ISSUE DATE : FEBRUARY 28, 2024
REPORT NO. : 2024-U016400
WORK NO. : 2023-000005
ANALYSIS NO. : T24AC417-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			EFFLUENT AT IRRIGATION POND (บ่อดรงรับน้ำทิ้งที่หน้าการนำน้ำรดแล้ว) T24AC417-0008	
FLOW RATE *	m ³ /hr	CURRENT METER AND CALCULATION	3.534	-
AMMONIA-NITROGEN *	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	7.0	-
DISSOLVED OXYGEN *	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	2.1	-
NITRATE-NITROGEN *	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ E)	0.49	-
METALS				
MERCURY *	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND	≤ 0.005
MICROBIOLOGY				
FAECAL COLIFORM BACTERIA *	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	170	-
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			YELLOW/TURBID	
SEDIMENT			BROWN	

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

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

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

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

REGULATORY STANDARD : NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT: THE SPECIFICATION OF EFFLUENT
STANDARD FOR A FACTORY, INDUSTRIAL ESTATE AND OPERATING FACTORY AREA, B.E. 2559 (2016).

REGULATORY STANDARD : INDUSTRIAL EFFLUENT STANDARDS, NOTIFICATION OF THE MINISTRY OF INDUSTRY, B.E. 2560.

* : MEASURED BY CUSTOMER.

ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).

• PROHIBITED TO [REDACTED] WRITTEN PERMISSION BY THE LABORATORY.
• THIS ANALYSIS [REDACTED] RECEIVED.

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.

ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.

CONTACT INFORMATION

SAMPLING SOURCE

SAMPLE TYPE : WASTEWATER

RECEIVED DATE : MARCH 6, 2024

SAMPLING DATE : MARCH 5, 2024

ANALYTICAL DATE : MARCH 6-18, 2024

SAMPLING TIME : 10:35 HOUR

ISSUE DATE : MARCH 28, 2024

SAMPLING METHOD : **REPORT NO.** : 2024-U024570

SAMPLING BY : **WORK NO.** : 2023-009004

ANALYZED BY : **ANALYSIS NO.** : T24AE562-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			EQUALIZATION TANK (ETP2) T24AE562-0001
FLOW RATE ^a	m ³ /hr	CURRENT METER AND CALCULATION	900
AMMONIA-NITROGEN ^b	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	7.4
DISSOLVED OXYGEN ^c	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	1.9
NITRATE-NITROGEN ^a	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ E)	0.15
METALS			
MERCURY ^c	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND
MICROBIOLOGY			
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	> 160,000
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

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

ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.

ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.

CONTACT INFORMATION

SAMPLING SOURCE : SECONDARY CLARIFIER (ETP2)

SAMPLE TYPE : WASTEWATER

RECEIVED DATE : MARCH 6, 2024

SAMPLING DATE : MARCH 5, 2024

ANALYTICAL DATE : MARCH 6-18, 2024

SAMPLING TIME : 10:50 HOUR

ISSUE DATE : MARCH 27, 2024

SAMPLING METHOD : **REPORT NO.** : 2024-U024572

SAMPLING BY : **WORK NO.** : 2023-009004

ANALYZED BY : **ANALYSIS NO.** : T24AE562-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SECONDARY CLARIFIER (ETP2) T24AE562-0005	
FLOW RATE	m ³ /hr	CURRENT METER AND CALCULATION	900	-
METALS				
MERCURY	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND	≤ 0.005
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			YELLOW/TURBID	
SEDIMENT			BROWN	

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

REGULATORY STANDARD : NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT: THE SPECIFICATION OF EFFLUENT STANDARD FOR A FACTORY, INDUSTRIAL ESTATE AND OPERATING FACTORY AREA, B.E. 2559 (2016).

REGULATORY STANDARD : INDUSTRIAL EFFLUENT STANDARDS, NOTIFICATION OF THE MINISTRY OF INDUSTRY, B.E. 2560.

ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : TEL : 08 5835 2343 E-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : EQUALIZATION TANK (ETP2A)
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : MARCH 5, 2024
SAMPLING TIME : 11:05 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS SALISA KAMWANNA
RECEIVED DATE : MARCH 6, 2024
ANALYTICAL DATE : MARCH 6-18, 2024
ISSUE DATE : MARCH 28, 2024
REPORT NO. : 2024-U024571
WORK NO. : 2023-009004
ANALYSIS NO. : T24AE562-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			EQUALIZATION TANK (ETP2A) T24AE562-0003
FLOW RATE ^a	m ³ /hr	CURRENT METER AND CALCULATION	828
AMMONIA-NITROGEN ^b	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	21.8
DISSOLVED OXYGEN ^c	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	0.8
NITRATE-NITROGEN ^d	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ E)	0.24
METALS			
MERCURY ^e	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND
MICROBIOLOGY			
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	> 160,000
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			BLACK/TURBID BLACK

^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.

ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).



(MISS CHAWEEEWAN BOONLA)

LABORATORY SUPERVISOR

MARCH 28, 2024

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : TEL : 08 5835 2343 E-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : บ่อน้ำทิ้งสุดท้ายหลังการบำบัด (TREATED EFFLUENT) (ETP2A)
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : MARCH 5, 2024
SAMPLING TIME : 11:10 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS SALISA KAMWANNA
RECEIVED DATE : MARCH 6, 2024
ANALYTICAL DATE : MARCH 6-18, 2024
ISSUE DATE : MARCH 28, 2024
REPORT NO. : 2024-U024573
WORK NO. : 2023-009004
ANALYSIS NO. : T24AE562-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อน้ำทิ้งสุดท้ายหลังการบำบัด (TREATED EFFLUENT) (ETP2A) T24AE562-0006	
FLOW RATE ^a	m ³ /hr	CURRENT METER AND CALCULATION	828	-
AMMONIA-NITROGEN ^b	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	5.6	-
DISSOLVED OXYGEN ^c	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	2.6	-
NITRATE-NITROGEN ^d	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ E)	0.36	-
METALS				
MERCURY ^e	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND	≤ 0.005
MICROBIOLOGY				
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	33	-
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, 23rd EDITION, 2017.

REGULATORY STANDARD : NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT: THE SPECIFICATION OF EFFLUENT STANDARD FOR A FACTORY, INDUSTRIAL ESTATE AND OPERATING FACTORY AREA, B.E. 2559 (2016).

REGULATORY STANDARD : INDUSTRIAL EFFLUENT STANDARDS, NOTIFICATION OF THE MINISTRY OF INDUSTRY, B.E. 2560.

ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).



(MISS CHAWEEEWAN BOONLA)

LABORATORY SUPERVISOR

MARCH 28, 2024

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : TEL : 08 5835 2343 E-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : EFFLUENT AT IRRIGATION POND (บ่อบำบัดน้ำทิ้งที่ผ่านการบำบัดแล้ว)
SAMPLE TYPE : WASTEWATER **RECEIVED DATE** : MARCH 6, 2024
SAMPLING DATE : MARCH 5, 2024 **ANALYTICAL DATE** : MARCH 6-20, 2024
SAMPLING TIME : 10:20 HOUR **ISSUE DATE** : MARCH 28, 2024
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE **REPORT NO.** : 2024-U024574
SAMPLING BY : MR KRIDSANAPONG NAMTHIP **WORK NO.** : 2023-009004
ANALYZED BY : MISS SALISA KAMWANNA **ANALYSIS NO.** : T24AE562-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			EFFLUENT AT IRRIGATION POND (บ่อบำบัดน้ำทิ้งที่ผ่านการบำบัดแล้ว) T24AE562-0008	
FLOW RATE ^a	m ³ /hr	CURRENT METER AND CALCULATION	3.755	-
AMMONIA-NITROGEN ^b	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	6.1	-
DISSOLVED OXYGEN ^c	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	1.9	-
NITRATE-NITROGEN ^c	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	0.36	-
METALS				
MERCURY ^c	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND	≤ 0.005
MICROBIOLOGY				
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	110	-
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, 23rd EDITION, 2017.

REGULATORY STANDARD : NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT: THE SPECIFICATION OF EFFLUENT STANDARD FOR A FACTORY, INDUSTRIAL ESTATE AND OPERATING FACTORY AREA, B.E. 2559 (2016).

REGULATORY STANDARD : INDUSTRIAL EFFLUENT STANDARDS, NOTIFICATION OF THE MINISTRY OF INDUSTRY, B.E. 2560.

* : MEASURED BY CUSTOMER.

ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).



(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

MARCH 28, 2024

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : TEL : 08 5835 2343 E-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : EQUALIZATION TANK (ETP2)
SAMPLE TYPE : WASTEWATER **RECEIVED DATE** : APRIL 3, 2024
SAMPLING DATE : APRIL 2, 2024 **ANALYTICAL DATE** : APRIL 3-29, 2024
SAMPLING TIME : 11:20 HOUR **ISSUE DATE** : MAY 10, 2024
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE **REPORT NO.** : 2024-U037481
SAMPLING BY : MR KRIDSANAPONG NAMTHIP **WORK NO.** : 2023-009004
ANALYZED BY : MISS SALISA KAMWANNA **ANALYSIS NO.** : T24AH044-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			EQUALIZATION TANK (ETP2) T24AH044-0001
FLOW RATE	m ³ /hr	CURRENT METER AND CALCULATION	1.080
AMMONIA-NITROGEN	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	8.1
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	1.7
NITRATE-NITROGEN	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	0.16
METALS			
MERCURY	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	0.0006
MICROBIOLOGY			
FAECAL COLIFORM BACTERIA	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	9,400
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN

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




(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : TEL : 08 5835 2343 E-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : EQUALIZATION TANK (ETP2A)
SAMPLE TYPE : WASTEWATER **RECEIVED DATE** : APRIL 3, 2024
SAMPLING DATE : APRIL 2, 2024 **ANALYTICAL DATE** : APRIL 3-29, 2024
SAMPLING TIME : 11:35 HOUR **ISSUE DATE** : MAY 10, 2024
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE **REPORT NO.** : 2024-U037482
SAMPLING BY : MR KRIDSANAPONG NAMTHIP **WORK NO.** : 2023-009004
ANALYZED BY : MISS SALISA KAMWANNA **ANALYSIS NO.** : T24AH044-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			EQUALIZATION TANK (ETP2A) T24AH044-0003
FLOW RATE	m ³ /hr	CURRENT METER AND CALCULATION	1.008
AMMONIA-NITROGEN	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	17.3
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	ND
NITRATE-NITROGEN	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ E)	0.24
METALS			
MERCURY	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND
MICROBIOLOGY			
FAECAL COLIFORM BACTERIA	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	> 160,000
SAMPLE CONDITION			
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.
 ND : NON-DETECTABLE (DISSOLVED OXYGEN < 0.5 mg/L, MERCURY < 0.0005 mg/L).



 (MISS CHAWEEEWAN BOONLA)
 LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : TEL : 08 5835 2343 E-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : SECONDARY CLARIFIER (ETP2)
SAMPLE TYPE : WASTEWATER **RECEIVED DATE** : APRIL 3, 2024
SAMPLING DATE : APRIL 2, 2024 **ANALYTICAL DATE** : APRIL 3-29, 2024
SAMPLING TIME : 11:50 HOUR **ISSUE DATE** : MAY 9, 2024
SAMPLING METHOD : GRAB **REPORT NO.** : 2024-U037483
SAMPLING BY : MR KRIDSANAPONG NAMTHIP **WORK NO.** : 2023-009004
ANALYZED BY : MISS NICHAKORN SUPPACHATKRISORN **ANALYSIS NO.** : T24AH044-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SECONDARY CLARIFIER (ETP2) T24AH044-0005	
FLOW RATE	m ³ /hr	CURRENT METER AND CALCULATION	1.080	-
METALS				
MERCURY	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND	≤ 0.005
SAMPLE CONDITION				
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.
 REGULATORY STANDARD : NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT: THE SPECIFICATION OF EFFLUENT
 STANDARD FOR A FACTORY, INDUSTRIAL ESTATE AND OPERATING FACTORY AREA, B.E. 2559 (2016).
 REGULATORY STANDARD : INDUSTRIAL EFFLUENT STANDARDS, NOTIFICATION OF THE MINISTRY OF INDUSTRY, B.E. 2560.
 ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).



 (MR BHUCHONK PANICHLERTUMPI)
 LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : TEL : 08 5835 2343 E-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : ป่อน้ำทิ้งสุดท้ายหลังการบำบัด (TREATED EFFLUENT) (ETP2A)
SAMPLE TYPE : WASTEWATER **RECEIVED DATE** : APRIL 3, 2024
SAMPLING DATE : APRIL 2, 2024 **ANALYTICAL DATE** : APRIL 3-29, 2024
SAMPLING TIME : 11:40 HOUR **ISSUE DATE** : MAY 10, 2024
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE **REPORT NO.** : 2024-U037484
SAMPLING BY : MR KRIDSANAPONG NAMTHIP **WORK NO.** : 2023-009004
ANALYZED BY : MISS SALISA KAMWANNA **ANALYSIS NO.** : T24AH044-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			ป่อน้ำทิ้งสุดท้ายหลังการบำบัด (TREATED EFFLUENT) (ETP2A) T24AH044-0006	
FLOW RATE	m ³ /hr	CURRENT METER AND CALCULATION	1.008	-
AMMONIA-NITROGEN	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	ND	-
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	3.6	-
NITRATE-NITROGEN	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ E)	0.15	-
METALS				
MERCURY	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND	≤ 0.005
MICROBIOLOGY				
FAECAL COLIFORM BACTERIA	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	330	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR YELLOW	

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.
 REGULATORY STANDARD : NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT: THE SPECIFICATION OF EFFLUENT STANDARD FOR A FACTORY, INDUSTRIAL ESTATE AND OPERATING FACTORY AREA, B.E. 2559 (2016).
 REGULATORY STANDARD : INDUSTRIAL EFFLUENT STANDARDS, NOTIFICATION OF THE MINISTRY OF INDUSTRY, B.E. 2560.
 ND : NON-DETECTABLE (AMMONIA-NITROGEN < 1.5 mg/L, MERCURY < 0.0005 mg/L).



 (MISS CHAWEEWAN BOONLA)
 LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : TEL : 08 5835 2343 E-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : EFFLUENT AT IRRIGATION POND (ป๋อรองรับน้ำทิ้งที่ผ่านการบำบัดแล้ว)
SAMPLE TYPE : WASTEWATER **RECEIVED DATE** : APRIL 3, 2024
SAMPLING DATE : APRIL 2, 2024 **ANALYTICAL DATE** : APRIL 3-29, 2024
SAMPLING TIME : 11:00 HOUR **ISSUE DATE** : MAY 10, 2024
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE **REPORT NO.** : 2024-U037485
SAMPLING BY : MR KRIDSANAPONG NAMTHIP **WORK NO.** : 2023-009004
ANALYZED BY : MISS SALISA KAMWANNA **ANALYSIS NO.** : T24AH044-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			EFFLUENT AT IRRIGATION POND (ป๋อรองรับน้ำทิ้งที่ผ่านการบำบัดแล้ว) T24AH044-0008	
FLOW RATE*	m ³ /hr	CURRENT METER AND CALCULATION	3.789	-
AMMONIA-NITROGEN	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	10.9	-
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	ND	-
NITRATE-NITROGEN	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ E)	0.11	-
METALS				
MERCURY	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND	≤ 0.005
MICROBIOLOGY				
FAECAL COLIFORM BACTERIA	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	1,100	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.
 REGULATORY STANDARD : NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT: THE SPECIFICATION OF EFFLUENT STANDARD FOR A FACTORY, INDUSTRIAL ESTATE AND OPERATING FACTORY AREA, B.E. 2559 (2016).
 REGULATORY STANDARD : INDUSTRIAL EFFLUENT STANDARDS, NOTIFICATION OF THE MINISTRY OF INDUSTRY, B.E. 2560.
 * : MEASURED BY CUSTOMER.
 ND : NON-DETECTABLE (DISSOLVED OXYGEN < 0.5 mg/L, MERCURY < 0.0005 mg/L).


 (MISS CHAWEEWAN BOONLA)
 LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : TEL : 08 5835 2343 E-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : EQUALIZATION TANK (ETP2)
SAMPLE TYPE : WASTEWATER **RECEIVED DATE** : MAY 9, 2024
SAMPLING DATE : MAY 8, 2024 **ANALYTICAL DATE** : MAY 9-28, 2024
SAMPLING TIME : 10:47 HOUR **ISSUE DATE** : MAY 31, 2024
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE **REPORT NO.** : 2024-U046833
SAMPLING BY : MR KRIDSANAPONG NAMTHIP **WORK NO.** : 2023-009004
ANALYZED BY : MR NUTTACHOK LAKHAMMOON **ANALYSIS NO.** : T24AJ710-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			EQUALIZATION TANK (ETP2) T24AJ710-0001
FLOW RATE	m ³ /hr	CURRENT METER AND CALCULATION	1,152
AMMONIA-NITROGEN	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	11.1
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	2.4
NITRATE-NITROGEN	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ E)	0.11
METALS			
MERCURY	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND
MICROBIOLOGY			
FAECAL COLIFORM BACTERIA	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	13,000
SAMPLE CONDITION			
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.
 ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).



(MISS CHAWEEVAN BOONLA)
LABORATORY SUPERVISOR

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- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : TEL : 08 5835 2343 E-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : EQUALIZATION TANK (ETP2A)
SAMPLE TYPE : WASTEWATER **RECEIVED DATE** : MAY 9, 2024
SAMPLING DATE : MAY 8, 2024 **ANALYTICAL DATE** : MAY 9-28, 2024
SAMPLING TIME : 11:00 HOUR **ISSUE DATE** : MAY 31, 2024
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE **REPORT NO.** : 2024-U046834
SAMPLING BY : MR KRIDSANAPONG NAMTHIP **WORK NO.** : 2023-009004
ANALYZED BY : MR NUTTACHOK LAKHAMMOON **ANALYSIS NO.** : T24AJ710-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			EQUALIZATION TANK (ETP2A) T24AJ710-0003
FLOW RATE	m ³ /hr	CURRENT METER AND CALCULATION	972
AMMONIA-NITROGEN	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	30.4
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	1.2
NITRATE-NITROGEN	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ E)	0.26
METALS			
MERCURY	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND
MICROBIOLOGY			
FAECAL COLIFORM BACTERIA	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	> 160,000
SAMPLE CONDITION			
WATER'S COLOUR/TURBID SEDIMENT			BROWN/TURBID BROWN

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.
 ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).



(MISS CHAWEEVAN BOONLA)
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ANALYSIS REPORT

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ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : TEL : 08 5835 2343 E-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : SECONDARY CLARIFIER (ETP2)
SAMPLE TYPE : WASTEWATER **RECEIVED DATE** : MAY 9, 2024
SAMPLING DATE : MAY 8, 2024 **ANALYTICAL DATE** : MAY 9-28, 2024
SAMPLING TIME : 11:15 HOUR **ISSUE DATE** : MAY 31, 2024
SAMPLING METHOD : GRAB **REPORT NO.** : 2024-U046835
SAMPLING BY : MR KRIDSANAPONG NAMTHIP **WORK NO.** : 2023-009004
ANALYZED BY : MISS NICHAKORN SUPPACHATKRISORN **ANALYSIS NO.** : T24AJ710-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SECONDARY CLARIFIER (ETP2) T24AJ710-0005	
FLOW RATE	m ³ /hr	CURRENT METER AND CALCULATION	1,152	-
METALS				
MERCURY	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND	≤ 0.005
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.
 REGULATORY STANDARD : NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT: THE SPECIFICATION OF EFFLUENT
 STANDARD FOR A FACTORY, INDUSTRIAL ESTATE AND OPERATING FACTORY AREA, B.E. 2559 (2016).
 REGULATORY STANDARD : INDUSTRIAL EFFLUENT STANDARDS, NOTIFICATION OF THE MINISTRY OF INDUSTRY, B.E. 2560.
 ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).

(MR BHUCHONK PANICHLERTUMPI)
 LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : TEL : 08 5835 2343 E-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : บ่อน้ำทิ้งสุดท้ายหลังการบำบัด (TREATED EFFLUENT) (ETP2A)
SAMPLE TYPE : WASTEWATER **RECEIVED DATE** : MAY 9, 2024
SAMPLING DATE : MAY 8, 2024 **ANALYTICAL DATE** : MAY 9-28, 2024
SAMPLING TIME : 11:05 HOUR **ISSUE DATE** : MAY 31, 2024
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE **REPORT NO.** : 2024-U046836
SAMPLING BY : MR KRIDSANAPONG NAMTHIP **WORK NO.** : 2023-009004
ANALYZED BY : MR NUTTACHOK LAKHAMMOON **ANALYSIS NO.** : T24AJ710-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			บ่อน้ำทิ้งสุดท้ายหลังการบำบัด (TREATED EFFLUENT) (ETP2A) T24AJ710-0006	
FLOW RATE	m ³ /hr	CURRENT METER AND CALCULATION	972	-
AMMONIA-NITROGEN	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	11.9	-
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	1.4	-
NITRATE-NITROGEN	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ E)	0.14	-
METALS				
MERCURY	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND	≤ 0.005
MICROBIOLOGY				
FAECAL COLIFORM BACTERIA	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	> 160,000	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID YELLOW	

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.
 REGULATORY STANDARD : NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT: THE SPECIFICATION OF EFFLUENT
 STANDARD FOR A FACTORY, INDUSTRIAL ESTATE AND OPERATING FACTORY AREA, B.E. 2559 (2016).
 REGULATORY STANDARD : INDUSTRIAL EFFLUENT STANDARDS, NOTIFICATION OF THE MINISTRY OF INDUSTRY, B.E. 2560.
 ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).


(MISS CHAWEEWAN BOONLA)
 LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : TEL : 08 5835 2343 E-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : EFFLUENT AT IRRIGATION POND (บ่อบำบัดน้ำทิ้งที่ผ่านการบำบัดแล้ว)
SAMPLE TYPE : EFFLUENT **RECEIVED DATE** : MAY 9, 2024
SAMPLING DATE : MAY 8, 2024 **ANALYTICAL DATE** : MAY 9-29, 2024
SAMPLING TIME : 11:30 HOUR **ISSUE DATE** : MAY 31, 2024
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE **REPORT NO.** : 2024-U046837
SAMPLING BY : MR KRIDSANAPONG NAMTHIP **WORK NO.** : 2023-009004
ANALYZED BY : MISS NICHAKORN SUPPACHATKRISORN **ANALYSIS NO.** : T24AJ710-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			EFFLUENT AT IRRIGATION POND (บ่อบำบัดน้ำทิ้งที่ผ่านการบำบัดแล้ว) T24AJ710-0008	
FLOW RATE*	m ³ /hr	CURRENT METER AND CALCULATION	4,189	-
AMMONIA-NITROGEN	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	10.5	-
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD AT SITE (SM: PART 4500-O G)	2.3	-
NITRATE-NITROGEN	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ E)	0.12	-
METALS				
MERCURY	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND	≤ 0.005
MICROBIOLOGY				
FAECAL COLIFORM BACTERIA	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 E)	220	-
SAMPLE CONDITION			YELLOW/TURBID BROWN	
WATER'S COLOUR/TURBID SEDIMENT				

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.
REGULATORY STANDARD : NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT: THE SPECIFICATION OF EFFLUENT STANDARD FOR A FACTORY, INDUSTRIAL ESTATE AND OPERATING FACTORY AREA, B.E. 2559 (2016).
REGULATORY STANDARD : INDUSTRIAL EFFLUENT STANDARDS, NOTIFICATION OF THE MINISTRY OF INDUSTRY, B.E. 2560.
* : MEASURED BY CUSTOMER.
ND : NON-DETECTABLE (MERCURY < 0.0005 mg/L).


(MISS CHAWEEVAN BOONLA)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140
CONTACT INFORMATION : TEL : 08 5835 2343 E-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : EQUALIZATION TANK (ETP2)
SAMPLE TYPE : WASTEWATER **RECEIVED DATE** : JUNE 6, 2024
SAMPLING DATE : JUNE 5, 2024 **ANALYTICAL DATE** : JUNE 6-12, 2024
SAMPLING TIME : 10:11 HOUR **ISSUE DATE** : JULY 3, 2024
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE **REPORT NO.** : 2024-U058426
SAMPLING BY : MR KRIDSANAPONG NAMTHIP **WORK NO.** : 2023-009004
ANALYZED BY : MISS PIMONWAN SIMMA **ANALYSIS NO.** : T24AM255-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			EQUALIZATION TANK (ETP2) T24AM255-0001
FLOW RATE ^c	m ³ /hr	CURRENT METER AND CALCULATION	1,008
AMMONIA-NITROGEN ^b	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	6.7
DISSOLVED OXYGEN ^c	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	1.9
NITRATE-NITROGEN ^c	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	0.16
METALS			
MERCURY ^c	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND
MICROBIOLOGY			
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B, C AND E)	35,000
SAMPLE CONDITION			YELLOW/TURBID BROWN
WATER'S COLOUR/TURBID SEDIMENT			


* : 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.

ND : NOT DETECTED (MERCURY < 0.0005 mg/L).


(MISS CHAWEEVAN BOONLA)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140
CONTACT INFORMATION : TEL : 08 5835 2343 E-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : EQUALIZATION TANK (ETP2A)
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : JUNE 5, 2024
SAMPLING TIME : 10:36 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS PIMONWAN SIMMA

RECEIVED DATE : JUNE 6, 2024
ANALYTICAL DATE : JUNE 6-12, 2024
ISSUE DATE : JULY 3, 2024
REPORT NO. : 2024-U058427
WORK NO. : 2023-009004
ANALYSIS NO. : T24AM255-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			EQUALIZATION TANK (ETP2A) T24AM255-0003
FLOW RATE ^a	m ³ /hr	CURRENT METER AND CALCULATION	1,008
AMMONIA-NITROGEN ^b	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	29.5
DISSOLVED OXYGEN ^c	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	1.4
NITRATE-NITROGEN ^c	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ E)	0.30
METALS			
MERCURY ^c	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND
MICROBIOLOGY			
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B, C AND E)	> 160,000
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.

ND : NOT DETECTED (MERCURY < 0.0005 mg/L).


(MISS CHAWEEVAN BOONLA)
LABORATORY SUPERVISOR

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- THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140
CONTACT INFORMATION : TEL : 08 5835 2343 E-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : SECONDARY CLARIFIER (ETP2)
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : JUNE 5, 2024
SAMPLING TIME : 10:51 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS NICHAKORN SUPPACHATKRISORN

RECEIVED DATE : JUNE 6, 2024
ANALYTICAL DATE : JUNE 6-12, 2024
ISSUE DATE : JULY 2, 2024
REPORT NO. : 2024-U058428
WORK NO. : 2023-009004
ANALYSIS NO. : T24AM255-0005


PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			SECONDARY CLARIFIER (ETP2) T24AM255-0005	
FLOW RATE	m ³ /hr	CURRENT METER AND CALCULATION	1,008	-
METALS				
MERCURY	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND	≤ 0.005
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	

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

REGULATORY STANDARD : NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT: THE SPECIFICATION OF EFFLUENT
STANDARD FOR A FACTORY, INDUSTRIAL ESTATE AND OPERATING FACTORY AREA, B.E. 2559 (2016).

REGULATORY STANDARD : INDUSTRIAL EFFLUENT STANDARDS, NOTIFICATION OF THE MINISTRY OF INDUSTRY, B.E. 2560.

ND : NOT DETECTED (MERCURY < 0.0005 mg/L).


(MR BHUCHONK PANICHLERTUMPI)
LABORATORY SUPERVISOR

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ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : TEL : 08 5835 2343 E-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : ป่อน้ำทิ้งสุดท้ายหลังการบำบัด (TREATED EFFLUENT) (ETP2A)
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : JUNE 5, 2024
SAMPLING TIME : 10:40 HOUR
SAMPLING METHOD * : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY * : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS PIMONWAN SIMMA

RECEIVED DATE : JUNE 6, 2024
ANALYTICAL DATE : JUNE 6-12, 2024
ISSUE DATE : JULY 3, 2024
REPORT NO. : 2024-U058429
WORK NO. : 2023-009004
ANALYSIS NO. : T24AM255-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			ป่อน้ำทิ้งสุดท้ายหลังการบำบัด (TREATED EFFLUENT) (ETP2A) T24AM255-0006	
FLOW RATE *	m ³ /hr	CURRENT METER AND CALCULATION	1.008	-
AMMONIA-NITROGEN ^b	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	9.9	-
DISSOLVED OXYGEN ^c	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	1.4	-
NITRATE-NITROGEN ^c	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ E)	0.08	-
METALS				
MERCURY ^c	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND	≤ 0.005
MICROBIOLOGY				
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B, C AND E)	1,100	-
SAMPLE CONDITION				
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	

* : 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 : NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT: THE SPECIFICATION OF EFFLUENT STANDARD FOR A FACTORY, INDUSTRIAL ESTATE AND OPERATING FACTORY AREA, B.E. 2559 (2016).
REGULATORY STANDARD : INDUSTRIAL EFFLUENT STANDARDS, NOTIFICATION OF THE MINISTRY OF INDUSTRY, B.E. 2560.
ND : NOT DETECTED (MERCURY < 0.0005 mg/L).



(MISS CHAWEEVAN BOONLA)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : TEL : 08 5835 2343 E-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : EFFLUENT AT IRRIGATION POND (ป๋องรับน้ำทิ้งที่ผ่านการบำบัดแล้ว)
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JUNE 5, 2024
SAMPLING TIME : 09:57 HOUR
SAMPLING METHOD * : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY * : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS PIMONWAN SIMMA

RECEIVED DATE : JUNE 6, 2024
ANALYTICAL DATE : JUNE 6-27, 2024
ISSUE DATE : JULY 3, 2024
REPORT NO. : 2024-U058430
WORK NO. : 2023-009004
ANALYSIS NO. : T24AM255-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			EFFLUENT AT IRRIGATION POND (ป๋องรับน้ำทิ้งที่ผ่านการบำบัดแล้ว) T24AM255-0008	
FLOW RATE *	m ³ /hr	CURRENT METER AND CALCULATION	3.655	-
AMMONIA-NITROGEN ^b	mg/L NH ₃ -N	KJELDAHL METHOD (SM: PART 4500-NH ₃ B AND PART 4500-NH ₃ C)	11.0	-
DISSOLVED OXYGEN ^c	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	1.6	-
NITRATE-NITROGEN ^c	mg/L NO ₃ -N	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ E)	0.30	-
METALS				
MERCURY ^c	mg/L Hg	DIGESTION, COLD-VAPOR ATOMIC ABSORPTION SPECTROMETRIC METHOD (SM: PART 3112 B)	ND	≤ 0.005
MICROBIOLOGY				
FAECAL COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B, C AND E)	330	-
SAMPLE CONDITION				
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	

* : 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 : NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT: THE SPECIFICATION OF EFFLUENT STANDARD FOR A FACTORY, INDUSTRIAL ESTATE AND OPERATING FACTORY AREA, B.E. 2559 (2016).
REGULATORY STANDARD : INDUSTRIAL EFFLUENT STANDARDS, NOTIFICATION OF THE MINISTRY OF INDUSTRY, B.E. 2560.
***** : MEASURED BY CUSTOMER.
ND : NOT DETECTED (MERCURY < 0.0005 mg/L).



(MISS CHAWEEVAN BOONLA)
LABORATORY SUPERVISOR

คุณภาพน้ำจากระบบบำบัดน้ำเสียส่วนกลาง

บริษัท อินทิเกรทเต็ด รีเสิร์ช เซ็นเตอร์ จำกัด



Analysis Report

Report No. : 2024/01/199
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/01/194 Sampling Date : 04/01/2024
 Sampling Time : 10.55 AM Received Date : 04/01/2024
 Sampling Site : Equalization Tank Analyzed Date : 4-11/01/2024
 Sampling Method : Grab Sample Type : Waste Water

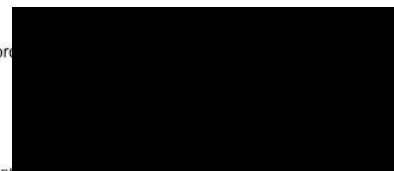
Parameter	Unit	Method	Result
Flow	m ³ /hr	-	720
pH	-	Electrometric Method	6.7
Total Suspended Solids	mg/L	Dried at 103-105 °C	147
Total Dissolved Solids	mg/L	Dried at 180 °C	2272
COD	mgO ₂ /L	Closed Reflux, Colorimetric	920
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	325
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0

Physical Appearance : Yellow , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,

23rd Edition,2017 ออกโดย APHA - AWWA - WEF.

Sampling by



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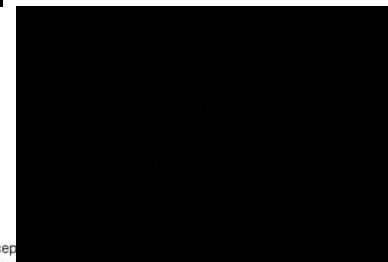
Analysis Report

Report No. : 2024/01/199
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/01/194 Sampling Date : 04/01/2024
 Sampling Time : 10.55 AM Received Date : 04/01/2024
 Sampling Site : Equalization Tank Analyzed Date : 4-11/01/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Barium	mg/L	Digestion,Inductively Coupled Plasmma (ICP) method	0.118
Cadmium	mg/L	Digestion,Inductively Coupled Plasmma (ICP) method	< 0.002
Copper	mg/L	Digestion,Inductively Coupled Plasmma (ICP) method	1.529
Nickel	mg/L	Digestion,Inductively Coupled Plasmma (ICP) method	1.073
Lead	mg/L	Digestion,Inductively Coupled Plasmma (ICP) method	< 0.010
Zinc	mg/L	Digestion,Inductively Coupled Plasmma (ICP) method	1.085
Manganese	mg/L	Digestion,Inductively Coupled Plasmma (ICP) method	0.560
Arsenic	mg/L	Digestion,Inductively Coupled Plasmma (ICP) method	< 0.006
Selenium	mg/L	Digestion,Inductively Coupled Plasmma (ICP) method	< 0.006
Hexavalent Chromium	mg/L	Colorimetric Method	0.032

Physical Appearance : Yellow , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,



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Analysis Report

Report No. : 2024/01/200
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/01/195 Sampling Date : 04/01/2024
 Sampling Time : 11.30 AM Received Date : 04/01/2024
 Sampling Site : Secondary Clarifier Tank Analyzed Date : 4-11/01/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
pH	-	Electrometric Method	7.4	5.5 - 9.0
Color -Original pH	ADMI	ADMI Method	65	≤ 300
Color - Adjust pH	ADMI	ADMI Method	63	≤ 300
Total Suspended Solids	mg/L	Dried at 103-105 °C	8	≤ 50
Total Dissolved Solids	mg/L	Dried at 180 °C	844	≤ 3000
COD	mgO ₂ /L	Closed Reflux, Colorimetric	65	≤ 120
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	2	≤ 20
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0	≤ 5

Physical Appearance : Yellow , Low turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,

23rd Edition,2017 ออกโดย APHA - AWWA - WEF.

*อ้างอิงตามประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงาน

พ.ศ. 2560

Sampling by

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Analysis Report

Report No. : 2024/01/200
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/01/195 Sampling Date : 04/01/2024
 Sampling Time : 11.30 AM Received Date : 04/01/2024
 Sampling Site : Secondary Clarifier Tank Analyzed Date : 4-11/01/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002	≤ 0.03
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.141	≤ 1.00
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.20
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.25

Physical Appearance : Yellow , Low turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,

23rd Edition,2017 ออกโดย APHA - AWWA - WEF.

*อ้างอิงตามประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงาน

พ.ศ. 2560

Sampling by

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Analysis Report

Report No. : 2024/01/201
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/01/141
 Sampling Time : 10.40 AM
 Sampling Site : Irrigation Pond
 Sampling Method : Grab
 Sampling Date : 04/01/2024
 Received Date : 04/01/2024
 Analyzed Date : 4-11/01/2024
 Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Flow	m ³ /hr		3222	-
pH	-	Electrometric Method	7.4	5.5 - 9.0
Color -Original pH	ADMI	ADMI Method	186	≤ 300
Color - Adjust pH	ADMI	ADMI Method	178	≤ 300
Total Suspended Solids	mg/L	Dried at 103-105 °C	13	≤ 50
Total Dissolved Solids	mg/L	Dried at 180 °C	2008	≤ 3000
COD	mgO ₂ /L	Closed Reflux, Colorimetric	113	≤ 120
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	9	≤ 20
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0	≤ 5

Physical Appearance : Yellow , Moderate turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,

23rd Edition,2017 ออกโดย APHA - AWWA - WEF.

*อ้างอิงตามประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงาน

Sampling by

Reported to



Analysis Report

Report No. : 2024/01/201
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/01/141
 Sampling Time : 10.40 AM
 Sampling Site : Irrigation Pond
 Sampling Method : Grab
 Sampling Date : 04/01/2024
 Received Date : 04/01/2024
 Analyzed Date : 4-11/01/2024
 Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.052	≤ 1.00
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002	≤ 0.03
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.016	≤ 2.00
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.070	≤ 1.00
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.20
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.004	≤ 5.00
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.528	≤ 5.00
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.25
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.02
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.25

Physical Appearance : Yellow , Moderate turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,

23rd Edition,2017 ออกโดย APHA - AWWA - WEF.

*อ้างอิงตามประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงาน

พ.ศ. 2560

Sampling by

Reported to



Analysis Report

Report No. : 2024/01/202
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/01/197 Sampling Date : 04/01/2024
 Sampling Time : 11.15 AM Received Date : 04/01/2024
 Sampling Site : Equalization Tank ETP 2A Analyzed Date : 4-11/01/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Flow	m ³ /hr	-	1080
pH	-	Electrometric Method	6.9
Total Suspended Solids	mg/L	Dried at 103-105 °C	129
Total Dissolved Solids	mg/L	Dried at 180 °C	2676
COD	mgO ₂ /L	Closed Reflux, Colorimetric	860
BOD	mg/L	5-Day BOD Test, Azide Modification Method	388
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method	< 4.0

Physical Appearance : Yellow, High turbid, Suspend sediment, Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater, 23rd Edition, 2017 ออกโดย APHA - AWWA - WEF.

Sampling by [REDACTED]

Reported test refer to submitted sample only. This report shall not reproduced except in full without the written approval by laboratory



Analysis Report

Report No. : 2024/01/202
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/01/197 Sampling Date : 04/01/2024
 Sampling Time : 11.15 AM Received Date : 04/01/2024
 Sampling Site : Equalization Tank ETP 2A Analyzed Date : 4-11/01/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Barium	mg/L	Digestion, Inductively Coupled Plassma (ICP) method	0.099
Cadmium	mg/L	Digestion, Inductively Coupled Plassma (ICP) method	< 0.002
Copper	mg/L	Digestion, Inductively Coupled Plassma (ICP) method	0.176
Nickel	mg/L	Digestion, Inductively Coupled Plassma (ICP) method	0.187
Lead	mg/L	Digestion, Inductively Coupled Plassma (ICP) method	< 0.010
Zinc	mg/L	Digestion, Inductively Coupled Plassma (ICP) method	0.094
Manganese	mg/L	Digestion, Inductively Coupled Plassma (ICP) method	0.566
Arsenic	mg/L	Digestion, Inductively Coupled Plassma (ICP) method	< 0.006
Selenium	mg/L	Digestion, Inductively Coupled Plassma (ICP) method	< 0.006
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025

Physical Appearance : Yellow, High turbid, Suspend sediment, Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater, 23rd Edition, 2017 ออกโดย APHA - AWWA - WEF.

Sampling by [REDACTED]

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Analysis Report

Integrated Research Center Co.,Ltd.

Report No. : 2024/01/203
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/01/198 Sampling Date : 04/01/2024
 Sampling Time : 11.20 AM Received Date : 04/01/2024
 Sampling Site : Treated Effluent ETP 2A Analyzed Date : 4-11/01/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
pH	-	Electrometric Method	7.5	5.5 - 9.0
Color -Original pH	ADMI	ADMI Method	94	≤ 300
Color - Adjust pH	ADMI	ADMI Method	93	≤ 300
Total Suspended Solids	mg/L	Dried at 103-105 °C	5	≤ 50
Total Dissolved Solids	mg/L	Dried at 180 °C	1060	≤ 3000
COD	mgO ₂ /L	Closed Reflux, Colorimetric	68	≤ 120
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	4	≤ 20
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0	≤ 5

Physical Appearance : Yellow , Moderate turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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 : *อ้างอิงตามประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงาน

Sampling by [Redacted]

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Analysis Report

Integrated Research Center Co.,Ltd.

Report No. : 2024/01/203
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/01/198 Sampling Date : 04/01/2024
 Sampling Time : 11.20 AM Received Date : 04/01/2024
 Sampling Site : Treated Effluent ETP 2A Analyzed Date : 4-11/01/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.042	≤ 1.00
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002	≤ 0.03
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.009	≤ 2.00
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.036	≤ 1.00
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.20
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.004	≤ 5.00
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.283	≤ 5.00
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.25
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.02
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.25

Physical Appearance : Yellow , Moderate turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
 23rd Edition,2017 ออกโดย APHA - AWWA - WEF.
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Sampling by [Redacted]

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Analysis Report

Report No. : 2024/02/187
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/02/182 Sampling Date : 06/02/2024
 Sampling Time : 10.35 AM Received Date : 06/02/2024
 Sampling Site : Equalization Tank Analyzed Date : 6-13/02/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Flow	m ³ /hr	-	936
pH	-	Electrometric Method	6.8
Total Suspended Solids	mg/L	Dried at 103-105 °C	136
Total Dissolved Solids	mg/L	Dried at 180 °C	1792
COD	mgO ₂ /L	Closed Reflux, Colorimetric	811
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	365
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0

Physical Appearance : Yellow , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,

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Sampling by [REDACTED]

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Analysis Report

Report No. : 2024/02/187
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/02/182 Sampling Date : 06/02/2024
 Sampling Time : 10.35 AM Received Date : 06/02/2024
 Sampling Site : Equalization Tank Analyzed Date : 6-13/02/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.103
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.042
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.198
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.348
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.623
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025

Physical Appearance : Yellow , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,

23rd Edition,2017 ออกโดย APHA - AWWA - WEF.

Sampling by [REDACTED]

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Analysis Report

Report No. : 2024/02/188
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/02/183 Sampling Date : 06/02/2024
 Sampling Time : 11.08 AM Received Date : 06/02/2024
 Sampling Site : Secondary Clarifier Tank Analyzed Date : 6-13/02/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
pH	-	Electrometric Method	7.2	5.5 - 9.0
Color -Original pH	ADMI	ADMI Method	75	≤ 300
Color - Adjust pH	ADMI	ADMI Method	71	≤ 300
Total Suspended Solids	mg/L	Dried at 103-105 °C	< 3	≤ 50
Total Dissolved Solids	mg/L	Dried at 180 °C	1244	≤ 3000
COD	mgO ₂ /L	Closed Reflux, Colorimetric	60	≤ 120
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	< 2	≤ 20
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0	≤ 5

Physical Appearance : Yellow , Low turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
 23rd Edition,2017 ออกโดย APHA - AWWA - WEF.
 : *อ้างอิงตามประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงาน

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Analysis Report

Report No. : 2024/02/188
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/02/183 Sampling Date : 06/02/2024
 Sampling Time : 11.08 AM Received Date : 06/02/2024
 Sampling Site : Secondary Clarifier Tank Analyzed Date : 6-13/02/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002	≤ 0.03
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.067	≤ 1.00
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.20
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.25

Physical Appearance : Yellow , Low turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Analysis Report

Report No. : 2024/02/189
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/02/169 Sampling Date : 06/02/2024
 Sampling Time : 10.10 AM Received Date : 06/02/2024
 Sampling Site : Irrigation Pond Analyzed Date : 6-13/02/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Flow	m ³ /hr		3534	-
pH	-	Electrometric Method	7.4	5.5 - 9.0
Color -Original pH	ADMI	ADMI Method	138	≤ 300
Color - Adjust pH	ADMI	ADMI Method	135	≤ 300
Total Suspended Solids	mg/L	Dried at 103-105 °C	8	≤ 50
Total Dissolved Solids	mg/L	Dried at 180 °C	1285	≤ 3000
COD	mgO ₂ /L	Closed Reflux, Colorimetric	114	≤ 120
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	6	≤ 20
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0	≤ 5

Physical Appearance : Yellow , Low turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
 23rd Edition,2017 ออกโดย APHA - AWWA - WEF.
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Sampling by

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Analysis Report

Report No. : 2024/02/189
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/02/169 Sampling Date : 06/02/2024
 Sampling Time : 10.10 AM Received Date : 06/02/2024
 Sampling Site : Irrigation Pond Analyzed Date : 6-13/02/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.051	≤ 1.00
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002	≤ 0.03
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.011	≤ 2.00
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.068	≤ 1.00
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.20
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.013	≤ 5.00
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.537	≤ 5.00
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.25
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.02
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.25

Physical Appearance : Yellow , Low turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Analysis Report

Report No. : 2024/02/190
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/02/185 Sampling Date : 06/02/2024
 Sampling Time : 10.40 AM Received Date : 06/02/2024
 Sampling Site : Equalization Tank ETP 2A Analyzed Date : 6-13/02/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Flow	m ³ /hr	-	1116
pH	-	Electrometric Method	6.6
Total Suspended Solids	mg/L	Dried at 103-105 °C	113
Total Dissolved Solids	mg/L	Dried at 180 °C	2468
COD	mgO ₂ /L	Closed Reflux, Colorimetric	930
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	388
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0

Physical Appearance : Yellow , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,

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Sampling by

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Analysis Report

Report No. : 2024/02/190
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/02/185 Sampling Date : 06/02/2024
 Sampling Time : 10.40 AM Received Date : 06/02/2024
 Sampling Site : Equalization Tank ETP 2A Analyzed Date : 6-13/02/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.115
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.309
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.171
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.302
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.759
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025

Physical Appearance : Yellow , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,

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Analysis Report

Report No. : 2024/02/191
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/02/186 Sampling Date : 06/02/2024
 Sampling Time : 11.00 AM Received Date : 06/02/2024
 Sampling Site : Treated Effluent ETP 2A Analyzed Date : 6-13/02/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
pH	-	Electrometric Method	7.4	5.5 - 9.0
Color -Original pH	ADMI	ADMI Method	190	≤ 300
Color - Adjust pH	ADMI	ADMI Method	186	≤ 300
Total Suspended Solids	mg/L	Dried at 103-105 °C	42	≤ 50
Total Dissolved Solids	mg/L	Dried at 180 °C	2084	≤ 3000
COD	mgO ₂ /L	Closed Reflux, Colorimetric	115	≤ 120
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	6	≤ 20
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0	≤ 5

Physical Appearance : Yellow , Moderate turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
 23rd Edition,2017 ออกโดย APHA - AWWA - WEF.
 : *อ้างอิงตามประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงาน
 พ.ศ. 2560

Sampling by : [Redacted]

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Analysis Report

Report No. : 2024/02/191
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/02/186 Sampling Date : 06/02/2024
 Sampling Time : 11.00 AM Received Date : 06/02/2024
 Sampling Site : Treated Effluent ETP 2A Analyzed Date : 6-13/02/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.057	≤ 1.00
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002	≤ 0.03
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.024	≤ 2.00
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.084	≤ 1.00
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.20
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.043	≤ 5.00
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.516	≤ 5.00
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.25
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.02
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.25

Physical Appearance : Yellow , Moderate turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
 23rd Edition,2017 ออกโดย APHA - AWWA - WEF.
 : *อ้างอิงตามประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงาน
 พ.ศ. 2560

Sampling by : [Redacted]

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Analysis Report

Report No. : 2024/03/144
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/03/139 Sampling Date : 05/03/2024
 Sampling Time : 10.35 AM Received Date : 05/03/2024
 Sampling Site : Equalization Tank Analyzed Date : 5-12/03/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Flow	m ³ /hr	-	900
pH	-	Electrometric Method	6.9
Total Suspended Solids	mg/L	Dried at 103-105 °C	98
Total Dissolved Solids	mg/L	Dried at 180 °C	2728
COD	mgO ₂ /L	Closed Reflux, Colorimetric	908
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	373
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0

Physical Appearance : Yellow , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
 23rd Edition,2017 ออกโดย APHA - AWWA - WEF.

Sampling by :



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Analysis Report

Report No. : 2024/03/144
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/03/139 Sampling Date : 05/03/2024
 Sampling Time : 10.35 AM Received Date : 05/03/2024
 Sampling Site : Equalization Tank Analyzed Date : 5-12/03/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.102
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.846
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.164
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.665
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.784
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006
Hexavalent Chromium	mg/L	Colorimetric Method	0.031

Physical Appearance : Yellow , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Sampling by :



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Analysis Report

Report No. : 2024/03/145
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/03/140 Sampling Date : 05/03/2024
 Sampling Time : 10.50 AM Received Date : 05/03/2024
 Sampling Site : Secondary Clarifier Tank Analyzed Date : 5-12/03/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
pH	-	Electrometric Method	7.9	5.5 - 9.0
Color -Original pH	ADMI	ADMI Method	225	≤ 300
Color - Adjust pH	ADMI	ADMI Method	216	≤ 300
Total Suspended Solids	mg/L	Dried at 103-105 °C	48	≤ 50
Total Dissolved Solids	mg/L	Dried at 180 °C	2680	≤ 3000
COD	mgO ₂ /L	Closed Reflux, Colorimetric	112	≤ 120
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	12	≤ 20
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0	≤ 5

Physical Appearance : Yellow , Moderate turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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 : *อ้างอิงตามประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงาน
 พ.ศ. 2560

Sampling by

Reported test refer



Analysis Report

Report No. : 2024/03/145
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/03/140 Sampling Date : 05/03/2024
 Sampling Time : 10.50 AM Received Date : 05/03/2024
 Sampling Site : Secondary Clarifier Tank Analyzed Date : 5-12/03/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002	≤ 0.03
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.311	≤ 1.00
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.20
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.25

Physical Appearance : Yellow , Moderate turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Analysis Report

Report No. : 2024/03/146
Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
Sample No. : 2024/03/123 Sampling Date : 05/03/2024
Sampling Time : 10.20 AM Received Date : 05/03/2024
Sampling Site : Irrigation Pond Analyzed Date : 5-12/03/2024
Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Flow	m ³ /hr	-	3755	-
pH	-	Electrometric Method	7.7	5.5 - 9.0
Color -Original pH	ADMI	ADMI Method	152	≤ 300
Color - Adjust pH	ADMI	ADMI Method	145	≤ 300
Total Suspended Solids	mg/L	Dried at 103-105 °C	20	≤ 50
Total Dissolved Solids	mg/L	Dried at 180 °C	2272	≤ 3000
COD	mgO ₂ /L	Closed Reflux, Colorimetric	113	≤ 120
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	8	≤ 20
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0	≤ 5

Physical Appearance : Yellow , Moderate turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Sampling by

Reported to



Analysis Report

Report No. : 2024/03/146
Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
Sample No. : 2024/03/123 Sampling Date : 05/03/2024
Sampling Time : 10.20 AM Received Date : 05/03/2024
Sampling Site : Irrigation Pond Analyzed Date : 5-12/03/2024
Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.058	≤ 1.00
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002	≤ 0.03
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.029	≤ 2.00
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.128	≤ 1.00
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.20
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.055	≤ 5.00
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.566	≤ 5.00
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.25
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.02
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.25

Physical Appearance : Yellow , Moderate turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Analysis Report

Report No. : 2024/03/147
Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
Sample No. : 2024/03/142 Sampling Date : 05/03/2024
Sampling Time : 11.05 AM Received Date : 05/03/2024
Sampling Site : Equalization Tank ETP 2A Analyzed Date : 5-12/03/2024
Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Flow	m ³ /hr	-	828
pH	-	Electrometric Method	6.8
Total Suspended Solids	mg/L	Dried at 103-105 °C	131
Total Dissolved Solids	mg/L	Dried at 180 °C	3272
COD	mgO ₂ /L	Closed Reflux, Colorimetric	916
BOD	mg/L	5-Day BOD Test, Azide Modification Method	355
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method	< 4.0

Physical Appearance : Yellow, High turbid, Suspend sediment, Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater, 23rd Edition, 2017 ออกโดย APHA - AWWA - WEF.

Sampling by [REDACTED]

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Analysis Report

Report No. : 2024/03/147
Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
Sample No. : 2024/03/142 Sampling Date : 05/03/2024
Sampling Time : 11.05 AM Received Date : 05/03/2024
Sampling Site : Equalization Tank ETP 2A Analyzed Date : 5-12/03/2024
Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Barium	mg/L	Digestion, Inductively Coupled Plassma (ICP) method	0.087
Cadmium	mg/L	Digestion, Inductively Coupled Plassma (ICP) method	< 0.002
Copper	mg/L	Digestion, Inductively Coupled Plassma (ICP) method	0.248
Nickel	mg/L	Digestion, Inductively Coupled Plassma (ICP) method	0.118
Lead	mg/L	Digestion, Inductively Coupled Plassma (ICP) method	< 0.010
Zinc	mg/L	Digestion, Inductively Coupled Plassma (ICP) method	0.269
Manganese	mg/L	Digestion, Inductively Coupled Plassma (ICP) method	0.728
Arsenic	mg/L	Digestion, Inductively Coupled Plassma (ICP) method	< 0.006
Selenium	mg/L	Digestion, Inductively Coupled Plassma (ICP) method	< 0.006
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025

Physical Appearance : Yellow, High turbid, Suspend sediment, Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater, 23rd Edition, 2017 ออกโดย APHA - AWWA - WEF.

Sampling by [REDACTED]

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Analysis Report

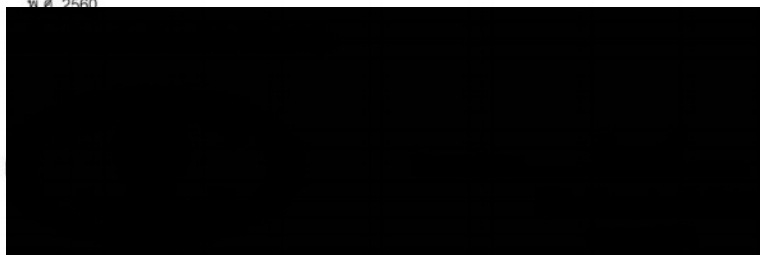
Report No. : 2024/03/148
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/03/143 Sampling Date : 05/03/2024
 Sampling Time : 11.20 AM Received Date : 05/03/2024
 Sampling Site : Treated Effluent ETP 2A Analyzed Date : 5-12/03/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
pH	-	Electrometric Method	7.4	5.5 - 9.0
Color -Original pH	ADMI	ADMI Method	174	≤ 300
Color - Adjust pH	ADMI	ADMI Method	163	≤ 300
Total Suspended Solids	mg/L	Dried at 103-105 °C	25	≤ 50
Total Dissolved Solids	mg/L	Dried at 180 °C	2024	≤ 3000
COD	mgO ₂ /L	Closed Reflux, Colorimetric	101	≤ 120
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	6	≤ 20
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0	≤ 5

Physical Appearance : Yellow , Moderate turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Sampling by



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Analysis Report

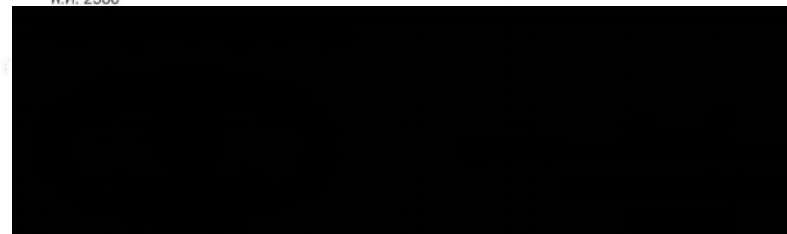
Report No. : 2024/03/148
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/03/143 Sampling Date : 05/03/2024
 Sampling Time : 11.20 AM Received Date : 05/03/2024
 Sampling Site : Treated Effluent ETP 2A Analyzed Date : 5-12/03/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.051	≤ 1.00
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002	≤ 0.03
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.066	≤ 2.00
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.144	≤ 1.00
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.20
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.085	≤ 5.00
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.417	≤ 5.00
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.25
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.02
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.25

Physical Appearance : Yellow , Moderate turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Analysis Report

Report No. : 2024/04/142
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/04/137 Sampling Date : 02/04/2024
 Sampling Time : 11.20 AM Received Date : 02/04/2024
 Sampling Site : Equalization Tank Analyzed Date : 2-9/04/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Flow	m ³ /hr	-	1026
pH	-	Electrometric Method	7.1
Total Suspended Solids	mg/L	Dried at 103-105 °C	87
Total Dissolved Solids	mg/L	Dried at 180 °C	1944
COD	mgO ₂ /L	Closed Reflux, Colorimetric	893
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	313
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0

Physical Appearance : Yellow , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Sampling by [REDACTED]

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Analysis Report

Report No. : 2024/04/142
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/04/137 Sampling Date : 02/04/2024
 Sampling Time : 11.20 AM Received Date : 02/04/2024
 Sampling Site : Equalization Tank Analyzed Date : 2-9/04/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.094
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.626
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.380
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.270
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.525
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006
Hexavalent Chromium	mg/L	Colorimetric Method	0.036

Physical Appearance : Yellow , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Sampling by [REDACTED]

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122 Moo. 2 Thatoom, Srimahaphote, Prachinburi, 25140 TEL : 02-6345230 Ext. 3311



Analysis Report

Report No. : 2024/04/143
Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
Sample No. : 2024/04/138 Sampling Date : 02/04/2024
Sampling Time : 11.50 AM Received Date : 02/04/2024
Sampling Site : Secondary Clarifier Tank Analyzed Date : 2-9/04/2024
Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
pH	-	Electrometric Method	7.4	5.5 - 9.0
Color -Original pH	ADMI	ADMI Method	80	≤ 300
Color - Adjust pH	ADMI	ADMI Method	85	≤ 300
Total Suspended Solids	mg/L	Dried at 103-105 °C	5	≤ 50
Total Dissolved Solids	mg/L	Dried at 180 °C	928	≤ 3000
COD	mgO ₂ /L	Closed Reflux, Colorimetric	74	≤ 120
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	5	≤ 20
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0	≤ 5

Physical Appearance : Yellow , Low turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
Sample No. : 2024/04/138 Sampling Date : 02/04/2024
Sampling Time : 11.50 AM Received Date : 02/04/2024
Sampling Site : Secondary Clarifier Tank Analyzed Date : 2-9/04/2024
Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002	≤ 0.03
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.125	≤ 1.00
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.20
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.25

Physical Appearance : Yellow , Low turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Analysis Report

Report No. : 2024/04/144
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/04/122 Sampling Date : 02/04/2024
 Sampling Time : 11.00 AM Received Date : 02/04/2024
 Sampling Site : Irrigation Pond Analyzed Date : 2-9/04/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Flow	m ³ /hr	-	3789	-
pH	-	Electrometric Method	7.6	5.5 - 9.0
Color -Original pH	ADMI	ADMI Method	161	≤ 300
Color - Adjust pH	ADMI	ADMI Method	157	≤ 300
Total Suspended Solids	mg/L	Dried at 103-105 °C	13	≤ 50
Total Dissolved Solids	mg/L	Dried at 180 °C	1780	≤ 3000
COD	mgO ₂ /L	Closed Reflux, Colorimetric	116	≤ 120
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	5	≤ 20
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0	≤ 5

Physical Appearance : Yellow , Moderate turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Analysis Report

Report No. : 2024/04/144
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/04/122 Sampling Date : 02/04/2024
 Sampling Time : 11.00 AM Received Date : 02/04/2024
 Sampling Site : Irrigation Pond Analyzed Date : 2-9/04/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.050	≤ 1.00
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002	≤ 0.03
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.015	≤ 2.00
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.077	≤ 1.00
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.20
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.012	≤ 5.00
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.549	≤ 5.00
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.25
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.02
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.25

Physical Appearance : Yellow , Moderate turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Analysis Report

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Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
Sample No. : 2024/04/140 Sampling Date : 02/04/2024
Sampling Time : 11.35 AM Received Date : 02/04/2024
Sampling Site : Equalization Tank ETP 2A Analyzed Date : 2-9/04/2024
Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Flow	m ³ /hr	-	1012
pH	-	Electrometric Method	6.7
Total Suspended Solids	mg/L	Dried at 103-105 °C	89
Total Dissolved Solids	mg/L	Dried at 180 °C	2372
COD	mgO ₂ /L	Closed Reflux, Colorimetric	893
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	375
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0

Physical Appearance : Yellow , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Sampling by [REDACTED]

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Analysis Report

Report No. : 2024/04/145
Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
Sample No. : 2024/04/140 Sampling Date : 02/04/2024
Sampling Time : 11.35 AM Received Date : 02/04/2024
Sampling Site : Equalization Tank ETP 2A Analyzed Date : 2-9/04/2024
Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.105
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.154
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.153
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.106
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.669
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.006
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025

Physical Appearance : Yellow , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Sampling by [REDACTED]

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Report No. : 2024/04/146
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/04/141 Sampling Date : 02/04/2024
 Sampling Time : 11.40 AM Received Date : 02/04/2024
 Sampling Site : Treated Effluent ETP 2A Analyzed Date : 2-9/04/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
pH	-	Electrometric Method	7.5	5.5 - 9.0
Color -Original pH	ADMI	ADMI Method	78	≤ 300
Color - Adjust pH	ADMI	ADMI Method	75	≤ 300
Total Suspended Solids	mg/L	Dried at 103-105 °C	5	≤ 50
Total Dissolved Solids	mg/L	Dried at 180 °C	860	≤ 3000
COD	mgO ₂ /L	Closed Reflux, Colorimetric	88	≤ 120
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	3	≤ 20
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0	≤ 5

Physical Appearance : Yellow , Low turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
 23rd Edition,2017 ออกโดย APHA - AWWA - WEF.
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Sampling by

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Report No. : 2024/04/146
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/04/141 Sampling Date : 02/04/2024
 Sampling Time : 11.40 AM Received Date : 02/04/2024
 Sampling Site : Treated Effluent ETP 2A Analyzed Date : 2-9/04/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.043	≤ 1.00
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002	≤ 0.03
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.009	≤ 2.00
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.042	≤ 1.00
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.20
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.004	≤ 5.00
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.264	≤ 5.00
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.25
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.02
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.25

Physical Appearance : Yellow , Low turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Analysis Report

Report No. : 2024/05/155
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/05/150 Sampling Date : 08/05/2024
 Sampling Time : 10.47 AM Received Date : 08/05/2024
 Sampling Site : Equalization Tank Analyzed Date : 8-15/05/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Flow	m ³ /hr	-	1152
pH	-	Electrometric Method	7.0
Total Suspended Solids	mg/L	Dried at 103-105 °C	122
Total Dissolved Solids	mg/L	Dried at 180 °C	2300
COD	mgO ₂ /L	Closed Reflux, Colorimetric	648
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	253
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0

Physical Appearance : Brown , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,

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Sampling by [REDACTED]

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Analysis Report

Report No. : 2024/05/155
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/05/150 Sampling Date : 08/05/2024
 Sampling Time : 10.47 AM Received Date : 08/05/2024
 Sampling Site : Equalization Tank Analyzed Date : 8-15/05/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.112
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.951
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.241
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.683
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.665
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006
Hexavalent Chromium	mg/L	Colorimetric Method	0.082

Physical Appearance : Brown , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,

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Sampling by [REDACTED]

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Analysis Report

Report No. : 2024/05/156
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/05/151 Sampling Date : 08/05/2024
 Sampling Time : 11.15 AM Received Date : 08/05/2024
 Sampling Site : Secondary Clarifier Tank Analyzed Date : 8-15/05/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
pH	-	Electrometric Method	7.3	5.5 - 9.0
Color -Original pH	ADMI	ADMI Method	77	≤ 300
Color - Adjust pH	ADMI	ADMI Method	74	≤ 300
Total Suspended Solids	mg/L	Dried at 103-105 °C	8	≤ 50
Total Dissolved Solids	mg/L	Dried at 180 °C	968	≤ 3000
COD	mgO ₂ /L	Closed Reflux, Colorimetric	79	≤ 120
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	< 2	≤ 20
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0	≤ 5

Physical Appearance : Yellow , Low turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Analysis Report

Report No. : 2024/05/156
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/05/151 Sampling Date : 08/05/2024
 Sampling Time : 11.15 AM Received Date : 08/05/2024
 Sampling Site : Secondary Clarifier Tank Analyzed Date : 8-15/05/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002	≤ 0.03
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.100	≤ 1.00
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.20
Hexavalent Chromium	mg/L	Colorimetric Method	0.042	≤ 0.25

Physical Appearance : Yellow , Low turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Analysis Report

Report No. : 2024/05/157
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/05/123 Sampling Date : 08/05/2024
 Sampling Time : 11.30 AM Received Date : 08/05/2024
 Sampling Site : Irrigation Pond Analyzed Date : 8-15/05/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Flow	m ³ /hr	-	4189	-
pH	-	Electrometric Method	7.6	5.5 - 9.0
Color -Original pH	ADMI	ADMI Method	207	≤ 300
Color - Adjust pH	ADMI	ADMI Method	204	≤ 300
Total Suspended Solids	mg/L	Dried at 103-105 °C	29	≤ 50
Total Dissolved Solids	mg/L	Dried at 180 °C	2016	≤ 3000
COD	mgO ₂ /L	Closed Reflux, Colorimetric	114	≤ 120
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	9	≤ 20
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0	≤ 5

Physical Appearance : Yellow , Moderate turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Analysis Report

Report No. : 2024/05/157
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/05/123 Sampling Date : 08/05/2024
 Sampling Time : 11.30 AM Received Date : 08/05/2024
 Sampling Site : Irrigation Pond Analyzed Date : 8-15/05/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.066	≤ 1.00
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002	≤ 0.03
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.018	≤ 2.00
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.070	≤ 1.00
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.20
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.016	≤ 5.00
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.651	≤ 5.00
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.25
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.02
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.25

Physical Appearance : Yellow , Moderate turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Analysis Report

Report No. : 2024/05/158
Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
Sample No. : 2024/05/153 Sampling Date : 08/05/2024
Sampling Time : 11.05 AM Received Date : 08/05/2024
Sampling Site : Equalization Tank ETP 2A Analyzed Date : 8-15/05/2024
Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Flow	m ³ /hr	-	972
pH	-	Electrometric Method	6.9
Total Suspended Solids	mg/L	Dried at 103-105 °C	337
Total Dissolved Solids	mg/L	Dried at 180 °C	2872
COD	mgO ₂ /L	Closed Reflux, Colorimetric	1040
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	440
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0

Physical Appearance : Gray , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Sampling by [REDACTED]

Analysis Report

Report No. : 2024/05/158
Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
Sample No. : 2024/05/153 Sampling Date : 08/05/2024
Sampling Time : 11.05 AM Received Date : 08/05/2024
Sampling Site : Equalization Tank ETP 2A Analyzed Date : 8-15/05/2024
Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.135
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.310
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.119
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.301
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.811
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025

Physical Appearance : Gray , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
22nd Edition 2017 ,ฉบับที่ 1 APHA , AWWA , WEF.

Sampling by [REDACTED]



Analysis Report

Report No. : 2024/05/159
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/05/154 Sampling Date : 08/05/2024
 Sampling Time : 11.10 AM Received Date : 08/05/2024
 Sampling Site : Treated Effluent ETP 2A Analyzed Date : 8-15/05/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
pH	-	Electrometric Method	7.4	5.5 - 9.0
Color -Original pH	ADMI	ADMI Method	208	≤ 300
Color - Adjust pH	ADMI	ADMI Method	205	≤ 300
Total Suspended Solids	mg/L	Dried at 103-105 °C	12	≤ 50
Total Dissolved Solids	mg/L	Dried at 180 °C	2080	≤ 3000
COD	mgO ₂ /L	Closed Reflux, Colorimetric	114	≤ 120
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	7	≤ 20
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0	≤ 5

Physical Appearance : Yellow , Low turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
 23rd Edition,2017 ออกโดย APHA - AWWA - WEF.

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Analysis Report

Report No. : 2024/05/159
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/05/154 Sampling Date : 08/05/2024
 Sampling Time : 11.10 AM Received Date : 08/05/2024
 Sampling Site : Treated Effluent ETP 2A Analyzed Date : 8-15/05/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.057	≤ 1.00
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002	≤ 0.03
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.014	≤ 2.00
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.088	≤ 1.00
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.20
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.015	≤ 5.00
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.668	≤ 5.00
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.25
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.02
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.25

Physical Appearance : Yellow , Low turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
 23rd Edition,2017 ออกโดย APHA - AWWA - WEF.

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Analysis Report

Report No. : 2024/06/145
Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
Sample No. : 2024/06/140 Sampling Date : 05/06/2024
Sampling Time : 10.11 AM Received Date : 05/06/2024
Sampling Site : Equalization Tank Analyzed Date : 5-12/06/2024
Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Flow	m ³ /hr	-	1008
pH	-	Electrometric Method	7.1
Total Suspended Solids	mg/L	Dried at 103-105 °C	104
Total Dissolved Solids	mg/L	Dried at 180 °C	2240
COD	mgO ₂ /L	Closed Reflux, Colorimetric	695
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	207
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	5.2

Physical Appearance : Yellow , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
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Sampling by [REDACTED]

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Analysis Report

Report No. : 2024/06/145
Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
Sample No. : 2024/06/140 Sampling Date : 05/06/2024
Sampling Time : 10.11 AM Received Date : 05/06/2024
Sampling Site : Equalization Tank Analyzed Date : 5-12/06/2024
Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.089
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.543
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.195
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.356
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.448
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006
Hexavalent Chromium	mg/L	Colorimetric Method	0.026

Physical Appearance : Yellow , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
23rd Edition 2017 ออกโดย APHA - AWWA - WEF

Sampling by [REDACTED]

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122 Moo. 2 Thatoom, Srimahaphote, Prachinburi, 25140 TEL : 02-6345230 Ext. 3311



Analysis Report

Report No. : 2024/06/146
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/06/141 Sampling Date : 05/06/2024
 Sampling Time : 10.51 AM Received Date : 05/06/2024
 Sampling Site : Secondary Clarifier Tank Analyzed Date : 5-12/06/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
pH	-	Electrometric Method	7.2	5.5 - 9.0
Color -Original pH	ADMI	ADMI Method	94	≤ 300
Color - Adjust pH	ADMI	ADMI Method	92	≤ 300
Total Suspended Solids	mg/L	Dried at 103-105 °C	18	≤ 50
Total Dissolved Solids	mg/L	Dried at 180 °C	1188	≤ 3000
COD	mgO ₂ /L	Closed Reflux, Colorimetric	72	≤ 120
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	3	≤ 20
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0	≤ 5

Physical Appearance : Yellow , Low turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
 23rd Edition,2017 ออกโดย APHA - AWWA - WEF.
 *อ้างอิงตามประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงาน
 พ.ศ. 2560

Sampling by :



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Analysis Report

Report No. : 2024/06/146
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/06/141 Sampling Date : 05/06/2024
 Sampling Time : 10.51 AM Received Date : 05/06/2024
 Sampling Site : Secondary Clarifier Tank Analyzed Date : 5-12/06/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002	≤ 0.03
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.171	≤ 1.00
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.20
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.25

Physical Appearance : Yellow , Low turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
 23rd Edition,2017 ออกโดย APHA - AWWA - WEF.
 *อ้างอิงตามประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงาน
 พ.ศ. 2560

Sampling by :



Reported test refer to submitted sample only ,This report shall not reproduced except in full without the written approval by laboratory



Analysis Report

Report No. : 2024/06/147
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/06/124
 Sampling Time : 09.57 AM
 Sampling Site : Irrigation Pond
 Sampling Method : Grab
 Sampling Date : 05/06/2024
 Received Date : 05/06/2024
 Analyzed Date : 5-12/06/2024
 Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Flow	m ³ /hr	-	3655	-
pH	-	Electrometric Method	7.5	5.5 - 9.0
Color -Original pH	ADMI	ADMI Method	223	≤ 300
Color - Adjust pH	ADMI	ADMI Method	219	≤ 300
Total Suspended Solids	mg/L	Dried at 103-105 °C	14	≤ 50
Total Dissolved Solids	mg/L	Dried at 180 °C	1932	≤ 3000
COD	mgO ₂ /L	Closed Reflux, Colorimetric	115	≤ 120
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	5	≤ 20
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0	≤ 5

Physical Appearance : Yellow , Moderate turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
 23rd Edition,2017 ออกโดย APHA - AWWA - WEF.
 : *อ้างอิงตามประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงาน
 พ.ศ. 2560

Sampling by

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Analysis Report

Report No. : 2024/06/147
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote , Prachinburi 25140
 Sample No. : 2024/06/124
 Sampling Time : 09.57 AM
 Sampling Site : Irrigation Pond
 Sampling Method : Grab
 Sampling Date : 05/06/2024
 Received Date : 05/06/2024
 Analyzed Date : 5-12/06/2024
 Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.066	≤ 1.00
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002	≤ 0.03
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.010	≤ 2.00
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.063	≤ 1.00
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010	≤ 0.20
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.024	≤ 5.00
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.528	≤ 5.00
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.25
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006	≤ 0.02
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.25

Physical Appearance : Yellow , Moderate turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,
 23rd Edition,2017 ออกโดย APHA - AWWA - WEF.
 : *อ้างอิงตามประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงาน
 พ.ศ. 2560

Sampling by

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Analysis Report

Report No. : 2024/06/148
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/06/143 Sampling Date : 05/06/2024
 Sampling Time : 10.36 AM Received Date : 05/06/2024
 Sampling Site : Equalization Tank ETP 2A Analyzed Date : 5-12/06/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result
Flow	m ³ /hr	-	1008
pH	-	Electrometric Method	6.8
Total Suspended Solids	mg/L	Dried at 103-105 °C	198
Total Dissolved Solids	mg/L	Dried at 180 °C	2608
COD	mgO ₂ /L	Closed Reflux, Colorimetric	985
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	370
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	4.2

Physical Appearance : Yellow , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,

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Analysis Report

Report No. : 2024/06/148
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/06/143 Sampling Date : 05/06/2024
 Sampling Time : 10.36 AM Received Date : 05/06/2024
 Sampling Site : Equalization Tank ETP 2A Analyzed Date : 5-12/06/2024
 Sampling Method : Grab Sample Type : Waste Water

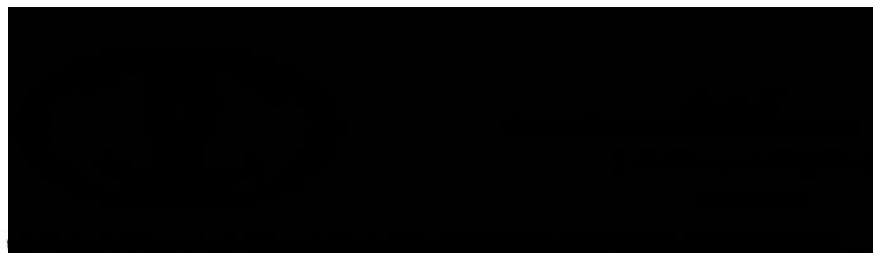
Parameter	Unit	Method	Result
Barium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.097
Cadmium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.002
Copper	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.112
Nickel	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.113
Lead	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.010
Zinc	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.167
Manganese	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	0.612
Arsenic	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006
Selenium	mg/L	Digestion,Inductively Coupled Plassma (ICP) method	< 0.006
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025

Physical Appearance : Yellow , High turbid ,Suspend sediment ,Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater ,

23rd Edition,2017 ออกโดย APHA - AWWA - WEF.

Sampling by



Reported



Analysis Report

Report No. : 2024/06/149
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/06/144 Sampling Date : 05/06/2024
 Sampling Time : 10.40 AM Received Date : 05/06/2024
 Sampling Site : Treated Effluent ETP 2A Analyzed Date : 5-12/06/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
pH	-	Electrometric Method	7.4	5.5 - 9.0
Color -Original pH	ADMI	ADMI Method	189	≤ 300
Color - Adjust pH	ADMI	ADMI Method	187	≤ 300
Total Suspended Solids	mg/L	Dried at 103-105 °C	12	≤ 50
Total Dissolved Solids	mg/L	Dried at 180 °C	1868	≤ 3000
COD	mgO ₂ /L	Closed Reflux, Colorimetric	112	≤ 120
BOD	mg/L	5 -Day BOD Test,Azide Modification Method	5	≤ 20
Oil and Grease	mg/L	Liquid-Liquid ,Partition-Gravimetric Method	< 4.0	≤ 5

Physical Appearance : Yellow, Low turbid, Suspend sediment, Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater, 23rd Edition, 2017 ออกโดย APHA - AWWA - WEF.
 : *อ้างอิงตามประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงาน พ.ศ. 2560

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Issued : 1 (Revise : 0)

Page 1 of 2



Analysis Report

Report No. : 2024/06/149
 Customer : 304 INDUSTRIAL PARK 7 Co., Ltd. (Bu-Yai-Bai)
 Address : 106 Moo 7 T. Thatoom A. Srimahaphote, Prachinburi 25140
 Sample No. : 2024/06/144 Sampling Date : 05/06/2024
 Sampling Time : 10.40 AM Received Date : 05/06/2024
 Sampling Site : Treated Effluent ETP 2A Analyzed Date : 5-12/06/2024
 Sampling Method : Grab Sample Type : Waste Water

Parameter	Unit	Method	Result	Standard*
Barium	mg/L	Digestion, Inductively Coupled Plasmma (ICP) method	0.049	≤ 1.00
Cadmium	mg/L	Digestion, Inductively Coupled Plasmma (ICP) method	< 0.002	≤ 0.03
Copper	mg/L	Digestion, Inductively Coupled Plasmma (ICP) method	0.009	≤ 2.00
Nickel	mg/L	Digestion, Inductively Coupled Plasmma (ICP) method	0.079	≤ 1.00
Lead	mg/L	Digestion, Inductively Coupled Plasmma (ICP) method	< 0.010	≤ 0.20
Zinc	mg/L	Digestion, Inductively Coupled Plasmma (ICP) method	0.019	≤ 5.00
Manganese	mg/L	Digestion, Inductively Coupled Plasmma (ICP) method	0.610	≤ 5.00
Arsenic	mg/L	Digestion, Inductively Coupled Plasmma (ICP) method	< 0.006	≤ 0.25
Selenium	mg/L	Digestion, Inductively Coupled Plasmma (ICP) method	< 0.006	≤ 0.02
Hexavalent Chromium	mg/L	Colorimetric Method	< 0.025	≤ 0.25

Physical Appearance : Yellow, Low turbid, Suspend sediment, Odor

Remark : Analytical Methods follow to Standard Methods for the Examination of Water and Wastewater, 23rd Edition, 2017 ออกโดย APHA - AWWA - WEF.
 : *อ้างอิงตามประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงาน พ.ศ. 2560

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Issued : 1 (Revise : 0)

Page 2 of 2

คุณภาพน้ำบาดาล

บริษัท ยูไนเต็ด แอนนาลิสต์ แอนด์ เอ็นจิเนียริง

คอนซัลแตนท์ จำกัด

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : TEL : 08 5835 2343 e-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : น้ำบาดาลเคียน
SAMPLE TYPE : GROUNDWATER
SAMPLING DATE : MAY 7, 2024
SAMPLING TIME : 11:10 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS KEWALEE SUKHAREE

RECEIVED DATE : MAY 8, 2024
ANALYTICAL DATE : MAY 8-16, 2024
ISSUE DATE : MAY 23, 2024
REPORT NO. : 2024-U043164
WORK NO. : 2023-009004
ANALYSIS NO. : T24AJ482-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			น้ำบาดาลเคียน T24AJ482-0004	
COLOUR	Platinum-Cobalt	VISUAL COMPARISON METHOD (SM: PART 2120 B)	ND	≤ 15
TURBIDITY	NTU	NEPHELOMETRIC METHOD (SM: PART 2130 B)	4.3	≤ 20
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	95	≤ 1,200
CYANIDE	mg/L CN ⁻	FILTRATION, DISTILLATION, PYRIDINE-BARBITURIC ACID METHOD (SM: PART 4500-CN ⁻ C AND PART 4500-CN ⁻ E)	ND	≤ 0.1
TOTAL HARDNESS	mg/L CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 2340 C)	71.7	≤ 500
CHLORIDE	mg/L Cl ⁻	ARGENTOMETRIC METHOD (SM: PART 4500-Cl ⁻ B)	6.9	≤ 600
FLUORIDE	mg/L F ⁻	SPADNS METHOD (SM: PART 4500-F ⁻ D)	0.10	≤ 1
SULPHATE	mg/L SO ₄ ²⁻	TURBIDIMETRIC METHOD (SM: PART 4500-SO ₄ ²⁻ E)	1.4	≤ 250
NITRATE	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500- NO ₃ ⁻ E)	ND	≤ 45
METALS				
MERCURY	mg/L Hg	IN-HOUSE METHOD: UAE.TP.HEM.002 (COLD VAPOUR ATOMIC ABSORPTION SPECTROMETRIC METHOD); SM: PART 3112 B	ND	≤ 0.001
IRON	mg/L Fe	IN-HOUSE METHOD: UAE.TP.GW.01 (NITRIC ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD); SM: PART 3030 E AND PART 3111 B	< LOQ	≤ 1
COPPER	mg/L Cu	IN-HOUSE METHOD: UAE.TP.GW.01 (NITRIC ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD); SM: PART 3030 E AND PART 3111 B	ND	≤ 1.5
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR 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 : GROUNDWATER QUALITY STANDRAD FOR DRINKING PURPOSES SET BY NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT B.E.2551, MAXIMUM ALLOWABLE., (1) SUITABLE ALLOWANCE.
ND : NON-DETECTABLE (COLOUR < 5 Platinum-Cobalt, CYANIDE < 0.005 mg/L, NITRATE < 0.09 mg/L, MERCURY < 0.0001 mg/L, COPPER < 0.002 mg/L).
< LOQ : < LIMIT OF QUANTITATION (IRON ≥ 0.005 AND < 0.050 mg/L).

(MR BHUCHONK PANICHLERTUMPI)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : 304 INDUSTRIAL PARK 7 PROJECT OF 304 INDUSTRIAL PARK 7 CO., LTD.
ADDRESS : 106 MOO 7, THATOOM, SRIMAHAPHOTE, PRACHINBURI 25140.
CONTACT INFORMATION : TEL : 08 5835 2343 e-mail : pasawee_n@mibholding.com
SAMPLING SOURCE : น้ำบุนยนาโย
SAMPLE TYPE : GROUNDWATER
SAMPLING DATE : MAY 7, 2024
SAMPLING TIME : 10:40 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS KEWALEE SUKHAREE

RECEIVED DATE : MAY 8, 2024
ANALYTICAL DATE : MAY 8-17, 2024
ISSUE DATE : MAY 25, 2024
REPORT NO. : 2024-U043257
WORK NO. : 2023-009004
ANALYSIS NO. : T24AJ484-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			น้ำบุนยนาโย T24AJ484-0001	
COLOUR	Platinum-Cobalt	VISUAL COMPARISON METHOD (SM: PART 2120 B)	ND	≤ 15
TURBIDITY	NTU	NEPHELOMETRIC METHOD (SM: PART 2130 B)	110	≤ 20
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	249	≤ 1,200
CYANIDE	mg/L CN ⁻	FILTRATION, DISTILLATION, PYRIDINE-BARBITURIC ACID METHOD (SM: PART 4500-CN ⁻ C AND PART 4500-CN ⁻ E)	ND	≤ 0.1
TOTAL HARDNESS	mg/L CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 2340 C)	112	≤ 500
CHLORIDE	mg/L Cl ⁻	ARGENTOMETRIC METHOD (SM: PART 4500-Cl ⁻ B)	77.9	≤ 600
FLUORIDE	mg/L F ⁻	SPADNS METHOD (SM: PART 4500-F ⁻ D)	0.10	≤ 1
SULPHATE	mg/L SO ₄ ²⁻	TURBIDIMETRIC METHOD (SM: PART 4500-SO ₄ ²⁻ E)	ND	≤ 250
NITRATE	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500- NO ₃ ⁻ E)	ND	≤ 45
METALS				
MERCURY	mg/L Hg	IN-HOUSE METHOD: UAE.TP.HEM.002 (COLD VAPOUR ATOMIC ABSORPTION SPECTROMETRIC METHOD); SM: PART 3112 B	ND	≤ 0.001
IRON	mg/L Fe	IN-HOUSE METHOD: UAE.TP.GW.01 (NITRIC ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD); SM: PART 3030 E AND PART 3111 B	8.76	≤ 1
COPPER	mg/L Cu	IN-HOUSE METHOD: UAE.TP.GW.01 (NITRIC ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD); SM: PART 3030 E AND PART 3111 B	0.031	≤ 1.5
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID 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 : GROUNDWATER QUALITY STANDRAD FOR DRINKING PURPOSES SET BY NOTIFICATION OF MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT B.E.2551, MAXIMUM ALLOWABLE., (1) SUITABLE ALLOWANCE.
ND : NON-DETECTABLE (COLOUR < 5 Platinum-Cobalt, CYANIDE < 0.005 n.g/L, SULPHATE < 1 mg/L, NITRATE < 0.09 mg/L, MERCURY < 0.0001 mg/L).

(MR BHUCHONK PANICHLERTUMPI)
LABORATORY SUPERVISOR

คุณภาพน้ำบาดาล

บริษัท อินทิเกรทเต็ด รีเสิร์ช เซ็นเตอร์ จำกัด



รายงานผลการทดสอบคุณภาพน้ำ

รายงานเลขที่ : 2024/05/145

ชื่อลูกค้า : บริษัท 304 อินดัสเตรียล ปาร์ค 7 จำกัด

ที่อยู่ : 1 หมู่ 2 ต. ท่าตูม อ. ศรีมหาโพธิ จ. ปราจีนบุรี 25140

ตัวอย่างเลขที่ : 2024/05/132

วันที่เก็บตัวอย่าง : 08/05/2024

เวลาเก็บตัวอย่าง : 10.40 น.

วันที่รับตัวอย่าง : 08/05/2024

สถานที่เก็บตัวอย่าง : บ้านขยายโบ

วันที่วิเคราะห์ : 8-15/05/2024

วิธีการเก็บตัวอย่าง : Grab

ชนิดตัวอย่าง : น้ำบาดาล

พารามิเตอร์ที่ทดสอบ	หน่วย	วิธีทดสอบ	ผลการทดสอบ	Standard*
pH	-	Electrometric Method	7.3	7.0 - 8.5
Cadmium	mg/L	Digestion, Inductively Coupled Plasma Method	< 0.002	ต้องไม่มี
Lead	mg/L	Digestion, Inductively Coupled Plasma Method	0.016	ต้องไม่มี
Zinc	mg/L	Digestion, Inductively Coupled Plasma Method	5.059	≤ 5.0
Manganese	mg/L	Digestion, Inductively Coupled Plasma Method	0.033	≤ 0.3
Arsenic	mg/L	Digestion, Inductively Coupled Plasma Method	< 0.006	ต้องไม่มี

ลักษณะตัวอย่าง : สีเหลือง ความขุ่นน้อย ตะกอนขนาดเล็ก แร่วนลอย ไม่มีกลิ่น

หมายเหตุ : วิธีวิเคราะห์ตามมาตรฐาน Standard Methods for the Examination of Water and Wastewater ,

23rd Edition, 2017 ออกโดย APHA - AWWA - WEF.

* 1 ประมวลกฎหมายแพ่งและพาณิชย์ และประมวลกฎหมายอาญา พ.ศ. 2551 มาตรฐานคุณภาพน้ำบาดาล

ผู้เก็บตัวอย่าง

รายงานฉบับนี้รับ

122 หมู่ 2 ต.ท่าตูม อ.ศรีมหาโพธิ จ.ปราจีนบุรี 25140 โทร 02-6345230 ต่อ 3311

ฉบับที่ : 1 (แก้ไขครั้งที่ : 0)

หน้า 1 ของ 1



รายงานผลการทดสอบคุณภาพน้ำ

รายงานเลขที่ : 2024/05/146

ชื่อลูกค้า : บริษัท 304 อินดัสเตรียล ปาร์ค 7 จำกัด

ที่อยู่ : 1 หมู่ 2 ต. ท่าตูม อ. ศรีมหาโพธิ จ. ปราจีนบุรี 25140

ตัวอย่างเลขที่ : 2024/05/146

วันที่เก็บตัวอย่าง : 07/05/2024

เวลาเก็บตัวอย่าง : 11.10 น.

วันที่รับตัวอย่าง : 07/05/2024

สถานที่เก็บตัวอย่าง : บ้านลาดตะเคียน

วันที่วิเคราะห์ : 7-14/05/2024

วิธีการเก็บตัวอย่าง : Grab

ชนิดตัวอย่าง : น้ำบาดาล

พารามิเตอร์ที่ทดสอบ	หน่วย	วิธีทดสอบ	ผลการทดสอบ	Standard*
pH	-	Electrometric Method	7.5	7.0 - 8.5
Cadmium	mg/L	Digestion, Inductively Coupled Plasma Method	< 0.002	ต้องไม่มี
Lead	mg/L	Digestion, Inductively Coupled Plasma Method	0.016	ต้องไม่มี
Zinc	mg/L	Digestion, Inductively Coupled Plasma Method	0.048	≤ 5.0
Manganese	mg/L	Digestion, Inductively Coupled Plasma Method	0.240	≤ 0.3
Arsenic	mg/L	Digestion, Inductively Coupled Plasma Method	0.006	ต้องไม่มี

ลักษณะตัวอย่าง : ไม่มีสี ไม่มีกลิ่น

หมายเหตุ : วิธีวิเคราะห์ตามมาตรฐาน Standard Methods for the Examination of Water and Wastewater ,

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ผู้เก็บตัวอย่าง

รายงานฉบับนี้รับของเฉพาะตัวอย่างที่ได้ทำการทดสอบเท่านั้น ห้ามนำไปใช้ออกหรือรายงานต่อผู้อื่นโดยไม่ได้รับอนุญาตจากห้องปฏิบัติการเป็นลายลักษณ์อักษร

122 หมู่ 2 ต.ท่าตูม อ.ศรีมหาโพธิ จ.ปราจีนบุรี 25140 โทร 02-6345230 ต่อ 3311

ฉบับที่ : 1 (แก้ไขครั้งที่ : 0)

หน้า 1 ของ 1