

ภาคผนวก

ภาคผนวก ก

ใบรายงานผลการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : MARCH 5, 2026
SAMPLING TIME : 09:15 HOUR
SAMPLING METHOD ° : GRAB
SAMPLING BY ° : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : MARCH 6, 2026
ANALYTICAL DATE : MARCH 6-12, 2026
ISSUE DATE : MARCH 24, 2026
REPORT NO. : 2026-U022333
WORK NO. : 2025-010401
ANALYSIS NO. : T26AE526-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW001 : INLET API T26AE526-0001		
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500 -H+ B)	7.3 (25°C)	-	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	37.8	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	201	-	2.0
CHEMICAL OXYGEN DEMAND ^c	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	378	-	40.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	155	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	3,496	-	25
SULPHIDE ^c	mg/L	METHYLENE BLUE METHOD(SM: PART 4500 -S ²⁻ D)	0.22	-	0.06
CYANIDE ^c	mg/L CN ⁻	DISTILLATION, PYRIDINE-BARBITURIC ACID METHOD (SM: PART 4500-CN ⁻ C AND PART 4500-CN ⁻ E)	0.096	0.001	0.005



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW001 : INLET API T26AE526-0001		
FAT, OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	70	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			BROWN/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 NOT IN SCOPE OF ACCREDITATION

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

RELEASE ORDER NO. : EV-05-03-002

Wilailak Srisuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : WASTEWATER **RECEIVED DATE** : MARCH 6, 2026
SAMPLING DATE : MARCH 5, 2026 **ANALYTICAL DATE** : MARCH 6-9, 2026
SAMPLING TIME : 09:15 HOUR **ISSUE DATE** : MARCH 24, 2026
SAMPLING METHOD : GRAB **REPORT NO.** : 2026-U022357
SAMPLING BY : MR THANADET WANSANOR **WORK NO.** : 2025-010401
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM **ANALYSIS NO.** : T26AE526-0010

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			LBW001 : INLET API T26AE526-0010	
TOTAL SOLIDS	mg/L	TOTAL SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 B)	3,822	25
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			BROWN/TURBID BROWN	

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

RELEASE ORDER NO. : EV-05-03-002

Wilailak Sriruk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME	: ENVIRONMENTAL & SOCIOECONOMIC SURVEY	RECEIVED DATE	: JUNE 5, 2026
CUSTOMER NAME	: BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED	ANALYTICAL DATE	: JUNE 5-12, 2026
ADDRESS	: 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230	ISSUE DATE	: JUNE 23, 2026
CONTACT INFORMATION	: TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th	REPORT NO.	: 2026-U054697
SAMPLING SOURCE	: -	WORK NO.	: 2025-010401
SAMPLE TYPE	: WASTEWATER	ANALYSIS NO.	: T26AM260-0001
SAMPLING DATE	: JUNE 4, 2026		
SAMPLING TIME	: 09:00 HOUR		
SAMPLING METHOD ^c	: GRAB		
SAMPLING BY ^c	: MR THANADET WANSANOR		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW001 : INLET API T26AM260-0001		
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500 -H ⁺ B)	7.1 (25°C)	-	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	38.4	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	153	-	2.0
CHEMICAL OXYGEN DEMAND ^c	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	244	-	40.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	74.0	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	4,620	-	25
SULPHIDE ^c	mg/L	METHYLENE BLUE METHOD(SM: PART 4500 -S ²⁻ D)	0.62	-	0.06
CYANIDE ^a	mg/L CN ⁻	DISTILLATION, PYRIDINE-BARBITURIC ACID METHOD (SM: PART 4500-CN ⁻ C AND PART 4500-CN ⁻ E)	0.014	0.001	0.005



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW001 : INLET API T26AM260-0001		
FAT, OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	46	-	3
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 NOT IN SCOPE OF ACCREDITATION

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

RELEASE ORDER NO. : EV-04-06-002

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : WASTEWATER **RECEIVED DATE** : JUNE 5, 2026
SAMPLING DATE : JUNE 4, 2026 **ANALYTICAL DATE** : JUNE 5-9, 2026
SAMPLING TIME : 09:00 HOUR **ISSUE DATE** : JUNE 23, 2026
SAMPLING METHOD : GRAB **REPORT NO.** : 2026-U054698
SAMPLING BY : MR THANADET WANSANOR **WORK NO.** : 2025-010401
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM **ANALYSIS NO.** : T26AM260-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			LBW001 : INLET API T26AM260-0002	
TOTAL SOLIDS	mg/L	TOTAL SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 B)	5,780	25
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.

RELEASE ORDER NO. : EV-04-06-002

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

ISO 9001:2015 CERTIFIED
ISO 14001:2015 CERTIFIED
ISO 45001:2018 CERTIFIED

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

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- End of Analysis Report -

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MARCH 5, 2026
SAMPLING TIME : 09:30 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : MARCH 6, 2026
ANALYTICAL DATE : MARCH 6-12, 2026
ISSUE DATE : MARCH 24, 2026
REPORT NO. : 2026-U022342
WORK NO. : 2025-010401
ANALYSIS NO. : T26AE526-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW004 : OP OUTLET T26AE526-0004		
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.7 (25°C)	-	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	29.9	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	< 2.0	-	2.0
CHEMICAL OXYGEN DEMAND ^c	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	69.4	-	40.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	6.8	-	5.0
TOTAL DISSOLVED SOLIDS ^c	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	33,600	-	25
SULPHIDE ^c	mg/L	METHYLENE BLUE METHOD (SM: PART 4500-S ²⁻ D)	< 0.06	-	0.06
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.8	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW004 : OP OUTLET T26AE526-0004		
CYANIDE ^c	mg/L CN ⁻	DISTILLATION, PYRIDINE-BARBITURIC ACID METHOD (SM: PART 4500-CN ⁻ C AND PART 4500-CN ⁻ E)	< 0.001	0.001	0.005
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			BROWN		

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

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-05-03-002

Wibulak Sinuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT **RECEIVED DATE** : MARCH 6, 2026
SAMPLING DATE : MARCH 5, 2026 **ANALYTICAL DATE** : MARCH 6-9, 2026
SAMPLING TIME : 09:30 HOUR **ISSUE DATE** : MARCH 24, 2026
SAMPLING METHOD : GRAB **REPORT NO.** : 2026-U022358
SAMPLING BY : MR THANADET WANSANOR **WORK NO.** : 2025-010401
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM **ANALYSIS NO.** : T26AE526-0011

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			LBW004 : OP OUTLET T26AE526-0011	
TOTAL SOLIDS	mg/L	TOTAL SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 B)	40,900	25
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR BROWN	

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

RELEASE ORDER NO. : EV-05-03-002

Wibubk Simuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME	: ENVIRONMENTAL & SOCIOECONOMIC SURVEY		
CUSTOMER NAME	: BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED		
ADDRESS	: 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230		
CONTACT INFORMATION	: TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th		
SAMPLING SOURCE	: -		
SAMPLE TYPE	: EFFLUENT	RECEIVED DATE	: JUNE 5, 2026
SAMPLING DATE	: JUNE 4, 2026	ANALYTICAL DATE	: JUNE 5-12, 2026
SAMPLING TIME	: 09:20 HOUR	ISSUE DATE	: JUNE 23, 2026
SAMPLING METHOD ^c	: GRAB	REPORT NO.	: 2026-U054701
SAMPLING BY ^c	: MR THANADET WANSANOR	WORK NO.	: 2025-010401
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM	ANALYSIS NO.	: T26AM260-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW004 : OP OUTLET T26AM260-0005		
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.7 (25°C)	-	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	31.7	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	< 2.0	-	2.0
CHEMICAL OXYGEN DEMAND ^c	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	79.2	-	40.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	15.5	-	5.0
TOTAL DISSOLVED SOLIDS ^c	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	38,560	-	25
SULPHIDE ^c	mg/L	METHYLENE BLUE METHOD (SM: PART 4500-S ²⁻ D)	< 0.06	-	0.06
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.7	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW004 : OP OUTLET T26AM260-0005		
CYANIDE ^a	mg/L CN	DISTILLATION, PYRIDINE-BARBITURIC ACID METHOD (SM: PART 4500-CN C AND PART 4500-CN E)	< 0.001	0.001	0.005
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			BROWN		

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

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-04-06-002

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JUNE 4, 2026
SAMPLING TIME : 09:20 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : JUNE 5, 2026
ANALYTICAL DATE : JUNE 5-9, 2026
ISSUE DATE : JUNE 23, 2026
REPORT NO. : 2026-U054703
WORK NO. : 2025-010401
ANALYSIS NO. : T26AM260-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			LBW004 : OP OUTLET T26AM260-0006	
TOTAL SOLIDS	mg/L	TOTAL SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 B)	43,725	25
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.

RELEASE ORDER NO. : EV-04-06-002

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JANUARY 8, 2026
SAMPLING TIME : 09:55 HOUR
SAMPLING METHOD ° : GRAB
SAMPLING BY ° : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : JANUARY 9, 2026
ANALYTICAL DATE : JANUARY 9-16, 2026
ISSUE DATE : JANUARY 19, 2026
REPORT NO. : 2026-U003684
WORK NO. : 2025-010401
ANALYSIS NO. : T26AA291-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW005 : REFINERY MIX T26AA291-0006		
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.8 (25°C)	-	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	30.1	-	-
SALINITY ^c	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	35.8	0.1	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	2.2	-	2.0
CHEMICAL OXYGEN DEMAND ^c	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	52.3	-	40.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	9.2	-	5.0
TOTAL DISSOLVED SOLIDS ^c	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	39,800	-	25
SULPHIDE ^c	mg/L	METHYLENE BLUE METHOD (SM: PART 4500-S ²⁻ D)	< 0.06	-	0.06
NITRATE ^c	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	< 0.50	0.09	0.50
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.5	-	3

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW005 : REFINERY MIX T26AA291-0006		
METALS					
LEAD ^c	mg/L Pb	UAE.TP.HEM.004 BASED ON SM: PART 3030 E AND PART 3111 B	< 0.020	0.020	0.200
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			BROWN		

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

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-08-01-002

Wilailak Srisuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY

CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED

ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230

CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th

SAMPLING SOURCE : -

SAMPLE TYPE : EFFLUENT

SAMPLING DATE : JANUARY 22, 2026

SAMPLING TIME : 09:55 HOUR

SAMPLING METHOD : GRAB

SAMPLING BY : MR THANADET WANSANOR

ANALYZED BY : MISS KANNIKAR SUMLEETHA

RECEIVED DATE : JANUARY 23, 2026

ANALYTICAL DATE : JANUARY 23-28, 2026

ISSUE DATE : FEBRUARY 2, 2026

REPORT NO. : 2026-U007823

WORK NO. : 2025-010401

ANALYSIS NO. : T26AB330-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			LBW005 : REFINERY MIX T26AB330-0005	
pH	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.8 (25°C)	-
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	34.5	-
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	39,660	25
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.7	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR YELLOW	

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-22-01-006



(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : FEBRUARY 5, 2026
SAMPLING TIME : 10:00 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : FEBRUARY 6, 2026
ANALYTICAL DATE : FEBRUARY 6-12, 2026
ISSUE DATE : FEBRUARY 16, 2026
REPORT NO. : 2026-U011718
WORK NO. : 2025-010401
ANALYSIS NO. : T26AC367-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW005 : REFINERY MIX T26AC367-0006		
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500 -H ⁺ B)	7.5 (25°C)	-	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	32.4	-	-
SALINITY ^c	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	32.4	0.1	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	< 2.0	-	2.0
CHEMICAL OXYGEN DEMAND ^c	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	71.7	-	40.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	16.6	-	5.0
TOTAL DISSOLVED SOLIDS ^c	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	43,100	-	25
SULPHIDE ^c	mg/L	METHYLENE BLUE METHOD(SM: PART 4500 -S ²⁻ D)	< 0.06	-	0.06
NITRATE ^c	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	< 0.50	0.09	0.50
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.4	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW005 : REFINERY MIX T26AC367-0006		
METALS					
LEAD ^c	mg/L Pb	UAE.TP.HEM.004 BASED ON SM: PART 3030 E AND PART 3111 B	< 0.200	0.020	0.200
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN		

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

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-05-02-002

Wilailak Srisuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : FEBRUARY 19, 2026
SAMPLING TIME : 09:50 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS KANNIKAR SUMLEETHA

RECEIVED DATE : FEBRUARY 20, 2026
ANALYTICAL DATE : FEBRUARY 20-25, 2026
ISSUE DATE : MARCH 2, 2026
REPORT NO. : 2026-U016063
WORK NO. : 2025-010401
ANALYSIS NO. : T26AD494-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			LBW005 : REFINERY MIX T26AD494-0005	
pH	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.7 (25°C)	-
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	34.1	-
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	36,620	25
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	1.4	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR BROWN	

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-19-02-006

Wibubk Smul

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME	: ENVIRONMENTAL & SOCIOECONOMIC SURVEY	RECEIVED DATE	: MARCH 6, 2026
CUSTOMER NAME	: BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED	ANALYTICAL DATE	: MARCH 6-13, 2026
ADDRESS	: 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230	ISSUE DATE	: MARCH 24, 2026
CONTACT INFORMATION	: TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th	REPORT NO.	: 2026-U022348
SAMPLING SOURCE	: -	WORK NO.	: 2025-010401
SAMPLE TYPE	: EFFLUENT	ANALYSIS NO.	: T26AE526-0006
SAMPLING DATE	: MARCH 5, 2026		
SAMPLING TIME	: 09:55 HOUR		
SAMPLING METHOD °	: GRAB		
SAMPLING BY °	: MR THANADET WANSANOR		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW005 : REFINERY MIX T26AE526-0006		
pH [°]	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.7 (25°C)	-	-
TEMPERATURE [°]	°C	THERMOMETER (AT SITE) SM: PART 2550 B	33.1	-	-
SALINITY [°]	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	35.4	0.1	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	< 2.0	-	2.0
CHEMICAL OXYGEN DEMAND [°]	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	79.0	-	40.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	< 5.0	-	5.0
TOTAL DISSOLVED SOLIDS [°]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	39,240	-	25
SULPHIDE [°]	mg/L	METHYLENE BLUE METHOD (SM: PART 4500-S ²⁻ D)	< 0.06	-	0.06
NITRATE [°]	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	< 0.50	0.09	0.50
FAT, OIL AND GREASE [°]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.7	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW005 : REFINERY MIX T26AE526-0006		
METALS					
LEAD ^c	mg/L Pb	UAE.TP.HEM.004 BASED ON SM: PART 3030 E AND PART 3111 B	< 0.020	0.020	0.200
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR BROWN		

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

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-05-03-002

Wibibh Srisuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT
MEASURING DATE : MARCH 5, 2026
MEASURING TIME : 09:55 HOUR
SAMPLING METHOD : GRAB
MEASURED BY : MR THANADET WANSANOR

RECEIVED DATE : -
ANALYTICAL DATE : -
ISSUE DATE : MARCH 24, 2026
REPORT NO. : 2026-U022359
WORK NO. : 2025-010401
ANALYSIS NO. : T26AE526-0012

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			LBW005 : REFINERY MIX T26AE526-0012	
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	4.2	0.5
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR WHITE	

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

RELEASE ORDER NO. : EV-05-03-002

Theerawat Chomming.

(MR THEERAWAT CHOMMING)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MARCH 19, 2026
SAMPLING TIME : 09:45 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS KANNIKAR SUMLEETHA

RECEIVED DATE : MARCH 20, 2026
ANALYTICAL DATE : MARCH 20-31, 2026
ISSUE DATE : MARCH 31, 2026
REPORT NO. : 2026-U024910
WORK NO. : 2025-010401
ANALYSIS NO. : T26AF902-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			LBW005 : REFINERY MIX T26AF902-0005	
pH	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.7 (25°C)	-
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	33.8	-
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	38,980	25
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.5	3
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			YELLOW/CLEAR	
SEDIMENT			YELLOW	

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-19-03-006


 (MRS PIYAPAT SUTTAMANUTWONG)
 LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME	: ENVIRONMENTAL & SOCIOECONOMIC SURVEY	RECEIVED DATE	: APRIL 3, 2026
CUSTOMER NAME	: BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED	ANALYTICAL DATE	: APRIL 3-16, 2026
ADDRESS	: 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230	ISSUE DATE	: APRIL 24, 2026
CONTACT INFORMATION	: TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th	REPORT NO.	: 2026-U032417
SAMPLING SOURCE	: -	WORK NO.	: 2025-010401
SAMPLE TYPE	: EFFLUENT	ANALYSIS NO.	: T26AH117-0006
SAMPLING DATE	: APRIL 2, 2026		
SAMPLING TIME	: 09:55 HOUR		
SAMPLING METHOD °	: GRAB		
SAMPLING BY °	: MR THANADET WANSANOR		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW005 : REFINERY MIX T26AH117-0006		
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.8 (25°C)	-	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	34.2	-	-
SALINITY ^c	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	30.4	0.1	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	< 2.0	-	2.0
CHEMICAL OXYGEN DEMAND ^c	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	95.0	-	40.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	5.5	-	5.0
TOTAL DISSOLVED SOLIDS ^c	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	37,850	-	25
SULPHIDE ^c	mg/L	METHYLENE BLUE METHOD (SM: PART 4500-S ²⁻ D)	< 0.06	-	0.06
NITRATE ^c	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	< 0.50	0.09	0.50
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	1.0	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW005 : REFINERY MIX T26AH117-0006		
METALS					
LEAD ^c	mg/L Pb	UAE.TP.HEM.004 BASED ON SM: PART 3030 E AND PART 3111 B	< 0.020	0.020	0.200
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/CLEAR		
SEDIMENT			BROWN		

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

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-02-04-001

Wilailak Sriruk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME	: ENVIRONMENTAL & SOCIOECONOMIC SURVEY		
CUSTOMER NAME	: BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED		
ADDRESS	: 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230		
CONTACT INFORMATION	: TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th		
SAMPLING SOURCE	: -		
SAMPLE TYPE	: EFFLUENT	RECEIVED DATE	: APRIL 16, 2026
SAMPLING DATE	: APRIL 16, 2026	ANALYTICAL DATE	: APRIL 16-24, 2026
SAMPLING TIME	: 09:30 HOUR	ISSUE DATE	: APRIL 27, 2026
SAMPLING METHOD	: GRAB	REPORT NO.	: 2026-U033494
SAMPLING BY	: MR THANADET WANSANOR	WORK NO.	: 2025-010401
ANALYZED BY	: MISS KANNIKAR SUMLEETHA	ANALYSIS NO.	: T26AI055-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			LBW005 : REFINERY MIX T26AI055-0005	
pH ^a	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.7 (25°C)	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	35.2	-
TOTAL DISSOLVED SOLIDS ^c	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	31,480	25
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.8	3
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			YELLOW	

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

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-16-04-004



(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME	: ENVIRONMENTAL & SOCIOECONOMIC SURVEY	RECEIVED DATE	: MAY 8, 2026
CUSTOMER NAME	: BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED	ANALYTICAL DATE	: MAY 8-19, 2026
ADDRESS	: 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230	ISSUE DATE	: MAY 26, 2026
CONTACT INFORMATION	: TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th	REPORT NO.	: 2026-U043077
SAMPLING SOURCE	: -	WORK NO.	: 2025-010401
SAMPLE TYPE	: EFFLUENT	ANALYSIS NO.	: T26AJ809-0007
SAMPLING DATE	: MAY 7, 2026		
SAMPLING TIME	: 09:35 HOUR		
SAMPLING METHOD °	: GRAB		
SAMPLING BY °	: MR THANADET WANSANOR		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW005 : REFINERY MIX T26AJ809-0007		
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.6 (25°C)	-	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	36.2	-	-
SALINITY ^c	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	27.6	0.1	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	< 2.0	-	2.0
CHEMICAL OXYGEN DEMAND ^c	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	67.1	-	40.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	19.8	-	5.0
TOTAL DISSOLVED SOLIDS ^c	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	36,200	-	25
SULPHIDE ^c	mg/L	METHYLENE BLUE METHOD (SM: PART 4500-S ²⁻ D)	< 0.06	-	0.06
NITRATE ^c	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	< 0.09	0.09	0.50
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	1.0	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW005 : REFINERY MIX T26AJ809-0007		
METALS					
LEAD ^c	mg/L Pb	UAE.TP.HEM.004 BASED ON SM: PART 3030 E AND PART 3111 B	< 0.020	0.020	0.200
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/CLEAR		
SEDIMENT			BROWN		

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

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-07-05-002

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MAY 21, 2026
SAMPLING TIME : 10:05 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS KANNIKAR SUMLEETHA

RECEIVED DATE : MAY 22, 2026
ANALYTICAL DATE : MAY 22-27, 2026
ISSUE DATE : JUNE 4, 2026
REPORT NO. : 2026-U046591
WORK NO. : 2025-010401
ANALYSIS NO. : T26AL107-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			LBW005 : REFINERY MIX T26AL107-0005	
pH	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.8 (25°C)	-
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	34.6	-
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	33,820	25
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.6	3
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			YELLOW/CLEAR	
SEDIMENT			YELLOW	

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-21-05-006

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JUNE 4, 2026
SAMPLING TIME : 09:35 HOUR
SAMPLING METHOD ° : GRAB
SAMPLING BY ° : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : JUNE 5, 2026
ANALYTICAL DATE : JUNE 5-12, 2026
ISSUE DATE : JUNE 23, 2026
REPORT NO. : 2026-U054704
WORK NO. : 2025-010401
ANALYSIS NO. : T26AM260-0007

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW005 : REFINERY MIX T26AM260-0007		
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500 -H ⁺ B)	7.9 (25°C)	-	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	35.3	-	-
SALINITY ^c	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	28.7	0.1	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	< 2.0	-	2.0
CHEMICAL OXYGEN DEMAND ^c	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	59.8	-	40.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	25.9	-	5.0
TOTAL DISSOLVED SOLIDS ^c	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	39,660	-	25
SULPHIDE ^c	mg/L	METHYLENE BLUE METHOD(SM: PART 4500 -S ²⁻ D)	< 0.06	-	0.06
NITRATE ^c	mg/L NO ₃ ⁻	CADMIUM REDUCTION METHOD (SM: PART 4500-NO ₃ ⁻ E)	0.71	0.09	0.50
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.6	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW005 : REFINERY MIX T26AM260-0007		
METALS					
LEAD ^a	mg/L Pb	UAE.TP.HEM.004 BASED ON SM: PART 3030 E AND PART 3111 B	< 0.200	0.020	0.200
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/CLEAR		
SEDIMENT			BROWN		

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

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-04-06-002



(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT **RECEIVED DATE** : -
MEASURING DATE : JUNE 4, 2026 **ANALYTICAL DATE** : -
MEASURING TIME : 09:35 HOUR **ISSUE DATE** : JUNE 23, 2026
SAMPLING METHOD : GRAB **REPORT NO.** : 2026-U054705
MEASURED BY : MR THANADET WANSANOR **WORK NO.** : 2025-010401
ANALYSIS NO. : T26AM260-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			LBW005 : REFINERY MIX T26AM260-0008	
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	4.2	0.5
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR WHITE	

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

RELEASE ORDER NO. : EV-04-06-002

Theerawat Chomming.

(MR THEERAWAT CHOMMING)
LABORATORY SUPERVISOR

ISO 9001:2015 CERTIFIED
ISO 14001:2015 CERTIFIED
ISO 45001:2018 CERTIFIED

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

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- End of Analysis Report -

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JUNE 18, 2026
SAMPLING TIME : 10:30 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS KANNIKAR SUMLEETHA

RECEIVED DATE : JUNE 19, 2026
ANALYTICAL DATE : JUNE 19-23, 2026
ISSUE DATE : JUNE 30, 2026
REPORT NO. : 2026-U056732
WORK NO. : 2025-010401
ANALYSIS NO. : T26AN854-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			LBW005 : REFINERY MIX T26AN854-0005	
pH	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.9 (25°C)	-
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	36.3	-
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	35,740	25
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.7	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR BROWN	

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-18-06-006



(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER
SAMPLING DATE : JANUARY 8, 2026
SAMPLING TIME : 11:10 HOUR
SAMPLING METHOD : COMPOSITE
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : JANUARY 9, 2026
ANALYTICAL DATE : JANUARY 9-21, 2026
ISSUE DATE : JANUARY 23, 2026
REPORT NO. : 2026-U005356
WORK NO. : 2025-010401
ANALYSIS NO. : T26AA293-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW006 : 500 M OFFSHORE (JETTY) T26AA293-0001		
pH	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	8.0 (25°C)	-	-
PHENOLS	mg/L	DISTILLATION, 4-AMINOANTIPYRINE METHOD (SM: PART 5530 B AND PART 5530 C)	< 0.005	0.001	0.005
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	26.3	-	-
SALINITY	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	32.1	0.1	-
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	6.2	0.5	-
BIOCHEMICAL OXYGEN DEMAND	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	1.4	0.5	-
CHEMICAL OXYGEN DEMAND	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	80.8	-	40.0
SUSPENDED SOLIDS	mg/L	GRAVIMETRIC METHOD (SM: PART 2540 D)	6.3	1.0	-
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	37,040	-	25
CYANIDE	µg/L CN ⁻	DISTILLATION, PYRIDINE-BARBITURIC ACID METHOD (SM: PART 4500-CN ⁻ C AND PART 4500-CN ⁻ E)	< 1	1	5
NITRATE-NITROGEN	µg/L N	CADMIUM REDUCTION AND COLOURIMETRIC METHOD (BASED ON PRACTICAL HANDBOOK OF SEAWATER ANALYSIS (STRICKLAND AND PARSON, 1972, II.6))	5.44	0.50	2.00
SULPHIDE	µg/L	METHYLENE BLUE COLOURIMETRIC METHOD (METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 5)	< 10	-	10
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.7	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW006 : 500 M OFFSHORE (JETTY) T26AA293-0001		
METALS					
LEAD	µg/L Pb	PRE-CONCENTRATION AND INDUCTIVELY COUPLED PLASMA (ICP) METHOD (BASED ON METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 12)	< 0.100	0.100	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR BROWN		

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-08-01-002

Wibubk Srisuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER **RECEIVED DATE** : JANUARY 23, 2026
SAMPLING DATE : JANUARY 22, 2026 **ANALYTICAL DATE** : JANUARY 23-28, 2026
SAMPLING TIME : 10:20 HOUR **ISSUE DATE** : FEBRUARY 2, 2026
SAMPLING METHOD : COMPOSITE **REPORT NO.** : 2026-U007825
SAMPLING BY : MR THANADET WANSANOR **WORK NO.** : 2025-010401
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM **ANALYSIS NO.** : T26AB330-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			LBW006. 500 M OFFSHORE (JETTY) T26AB330-0006	
pH	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.9 (25°C)	-
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	28.2	-
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	35,740	25
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.6	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR YELLOW	

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-22-01-006



(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER
SAMPLING DATE : FEBRUARY 5, 2026
SAMPLING TIME : 10:20 HOUR
SAMPLING METHOD : COMPOSITE
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : FEBRUARY 6, 2026
ANALYTICAL DATE : FEBRUARY 6-11, 2026
ISSUE DATE : FEBRUARY 16, 2026
REPORT NO. : 2026-U011719
WORK NO. : 2025-010401
ANALYSIS NO. : T26AC367-0007

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW006 : 500 M OFFSHORE (JETTY) T26AC367-0007		
pH	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.6 (25°C)	-	-
PHENOLS	mg/L	DISTILLATION, 4-AMINOANTIPYRINE METHOD (SM: PART 5530 B AND PART 5530 C)	< 0.005	0.001	0.005
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	28.3	-	-
SALINITY	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	30.2	0.1	-
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	5.6	0.5	-
BIOCHEMICAL OXYGEN DEMAND	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	1.3	0.5	-
CHEMICAL OXYGEN DEMAND	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	57.4	-	40.0
SUSPENDED SOLIDS	mg/L	GRAVIMETRIC METHOD (SM: PART 2540 D)	12.6	1.0	-
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	38,800	-	25
CYANIDE	µg/L CN ⁻	DISTILLATION, PYRIDINE-BARBITURIC ACID METHOD (SM: PART 4500-CN ⁻ C AND PART 4500-CN ⁻ E)	< 1	1	5
NITRATE-NITROGEN	µg/L N	CADMIUM REDUCTION AND COLOURIMETRIC METHOD (BASED ON PRACTICAL HANDBOOK OF SEAWATER ANALYSIS (STRICKLAND AND PARSON, 1972, II.6))	8.28	0.50	2.00
SULPHIDE	µg/L	METHYLENE BLUE COLOURIMETRIC METHOD (METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 5)	< 10	-	10
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.5	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW006 : 500 M OFFSHORE (JETTY) T26AC367-0007		
METALS					
LEAD	µg/L Pb	PRE-CONCENTRATION AND INDUCTIVELY COUPLED PLASMA (ICP) METHOD (BASED ON METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 12)	0.620	0.100	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/CLEAR		
SEDIMENT			BROWN		

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-05-02-002

Wilailak Srisuk
.....
(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER **RECEIVED DATE** : FEBRUARY 20, 2026
SAMPLING DATE : FEBRUARY 19, 2026 **ANALYTICAL DATE** : FEBRUARY 20-25, 2026
SAMPLING TIME : 10:05 HOUR **ISSUE DATE** : MARCH 2, 2026
SAMPLING METHOD : COMPOSITE **REPORT NO.** : 2026-U016064
SAMPLING BY : MR THANADET WANSANOR **WORK NO.** : 2025-010401
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM **ANALYSIS NO.** : T26AD494-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			LBW006. 500 M OFFSHORE (JETTY) T26AD494-0006	
pH	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.8 (25°C)	-
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	29.6	-
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	33,300	25
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.7	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR BROWN	

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-19-02-006

Wilailak Srisuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER
SAMPLING DATE : MARCH 5, 2026
SAMPLING TIME : 10:15 HOUR
SAMPLING METHOD : COMPOSITE
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : MARCH 6, 2026
ANALYTICAL DATE : MARCH 6-19, 2026
ISSUE DATE : MARCH 24, 2026
REPORT NO. : 2026-U022351
WORK NO. : 2025-010401
ANALYSIS NO. : T26AE526-0007

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW006 : 500 M OFFSHORE (JETTY) T26AE526-0007		
pH	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.8 (25°C)	-	-
PHENOLS	mg/L	DISTILLATION, 4-AMINOANTIPYRINE METHOD (SM: PART 5530 B AND PART 5530 C)	< 0.005	0.001	0.005
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	30.6	-	-
SALINITY	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	30.2	0.1	-
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	5.0	0.5	-
BIOCHEMICAL OXYGEN DEMAND	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	1.2	-	0.5
CHEMICAL OXYGEN DEMAND	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	72.6	-	40.0
SUSPENDED SOLIDS	mg/L	GRAVIMETRIC METHOD (SM: PART 2540 D)	10.2	1.0	-
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	34,500	-	25
CYANIDE	µg/L CN ⁻	DISTILLATION, PYRIDINE-BARBITURIC ACID METHOD (SM: PART 4500-CN ⁻ C AND PART 4500-CN ⁻ E)	< 1	1	5
NITRATE-NITROGEN	µg/L N	CADMIUM REDUCTION AND COLOURIMETRIC METHOD (BASED ON PRACTICAL HANDBOOK OF SEAWATER ANALYSIS (STRICKLAND AND PARSON, 1972, II.6))	9.31	0.50	2.00
SULPHIDE	µg/L	METHYLENE BLUE COLOURIMETRIC METHOD (METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 5)	< 10	-	10
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.7	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW006 : 500 M OFFSHORE (JETTY) T26AE526-0007		
METALS					
LEAD	µg/L Pb	PRE-CONCENTRATION AND INDUCTIVELY COUPLED PLASMA (ICP) METHOD (BASED ON METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 12)	0.690	0.100	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			BROWN		

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-05-03-002

Wibulak Simul

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER
SAMPLING DATE : MARCH 5, 2026
SAMPLING TIME : 10:55 HOUR
SAMPLING METHOD : COMPOSITE
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : MARCH 6, 2026
ANALYTICAL DATE : MARCH 6-9, 2026
ISSUE DATE : MARCH 24, 2026
REPORT NO. : 2026-U022361
WORK NO. : 2025-010401
ANALYSIS NO. : T26AE526-0013

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			LBW007 : BERTH ISLAND T26AE526-0013	
SUSPENDED SOLIDS	mg/L	GRAVIMETRIC METHOD (SM: PART 2540 D)	8.9	1.0
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR BROWN	

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

RELEASE ORDER NO. : EV-05-03-002

Wibubk Sinuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER
SAMPLING DATE : MARCH 19, 2026
SAMPLING TIME : 10:00 HOUR
SAMPLING METHOD : COMPOSITE
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : MARCH 20, 2026
ANALYTICAL DATE : MARCH 20-31, 2026
ISSUE DATE : MARCH 31, 2026
REPORT NO. : 2026-U024911
WORK NO. : 2025-010401
ANALYSIS NO. : T26AF902-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			LBW006. 500 M OFFSHORE (JETTY) T26AF902-0006	
pH	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.9 (25°C)	-
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	30.2	-
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	34,620	25
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.5	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR YELLOW	

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-19-03-006



(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME	: ENVIRONMENTAL & SOCIOECONOMIC SURVEY	RECEIVED DATE	: APRIL 3, 2026
CUSTOMER NAME	: BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED	ANALYTICAL DATE	: APRIL 3-23, 2026
ADDRESS	: 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230	ISSUE DATE	: APRIL 24, 2026
CONTACT INFORMATION	: TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th	REPORT NO.	: 2026-U032418
SAMPLING SOURCE	: -	WORK NO.	: 2025-010401
SAMPLE TYPE	: SEAWATER	ANALYSIS NO.	: T26AH117-0007
SAMPLING DATE	: APRIL 2, 2026		
SAMPLING TIME	: 10:50 HOUR		
SAMPLING METHOD	: COMPOSITE		
SAMPLING BY	: MR THANADET WANSANOR		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW006 : 500 M OFFSHORE (JETTY) T26AH117-0007		
pH	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.9 (25°C)	-	-
PHENOLS	mg/L	DISTILLATION, 4-AMINOANTIPYRINE METHOD (SM: PART 5530 B AND PART 5530 C)	< 0.005	0.001	0.005
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	30.5	-	-
SALINITY	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	28.2	0.1	-
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	4.9	0.5	-
BIOCHEMICAL OXYGEN DEMAND	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	0.8	-	0.5
CHEMICAL OXYGEN DEMAND	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	88.5	-	40.0
SUSPENDED SOLIDS	mg/L	GRAVIMETRIC METHOD (SM: PART 2540 D)	9.8	1.0	-
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	39,275	-	25
CYANIDE	µg/L CN ⁻	DISTILLATION, PYRIDINE-BARBITURIC ACID METHOD (SM: PART 4500-CN ⁻ C AND PART 4500-CN ⁻ E)	< 1	1	5
NITRATE-NITROGEN	µg/L N	CADMIUM REDUCTION AND COLOURIMETRIC METHOD (BASED ON PRACTICAL HANDBOOK OF SEAWATER ANALYSIS (STRICKLAND AND PARSON, 1972, II.6))	6.82	0.50	2.00
SULPHIDE	µg/L	METHYLENE BLUE COLOURIMETRIC METHOD (METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 5)	< 10	-	10
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	1.4	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW006 : 500 M OFFSHORE (JETTY) T26AH117-0007		
METALS					
LEAD	µg/L Pb	PRE-CONCENTRATION AND INDUCTIVELY COUPLED PLASMA (ICP) METHOD (BASED ON METHOD OF SEAWATER ANALYSIS, GRAS SHOFF, 1999, CHAPTER 12)	< 0.100	0.100	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/CLEAR		
SEDIMENT			BROWN		

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-02-04-001

Wilailak Srisuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER
SAMPLING DATE : APRIL 16, 2026
SAMPLING TIME : 09:30 HOUR
SAMPLING METHOD : COMPOSITE
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : APRIL 16, 2026
ANALYTICAL DATE : APRIL 16-24, 2026
ISSUE DATE : APRIL 27, 2026
REPORT NO. : 2026-U033495
WORK NO. : 2025-010401
ANALYSIS NO. : T26AI055-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			LBW006. 500 M OFFSHORE (JETTY) T26AI055-0006	
pH	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.8 (25°C)	-
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	31.8	-
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	37,180	25
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.4	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR YELLOW	

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-16-04-004



(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY

CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED

ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230

CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th

SAMPLING SOURCE : -

SAMPLE TYPE : SEAWATER **RECEIVED DATE** : MAY 8, 2026

SAMPLING DATE : MAY 7, 2026 **ANALYTICAL DATE** : MAY 8-19, 2026

SAMPLING TIME : 10:50 HOUR **ISSUE DATE** : MAY 25, 2026

SAMPLING METHOD : COMPOSITE **REPORT NO.** : 2026-U043080

SAMPLING BY : MR THANADET WANSANOR **WORK NO.** : 2025-010401

ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM **ANALYSIS NO.** : T26AJ809-0010

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW006 : 500 M OFFSHORE (JETTY) T26AJ809-0010		
pH	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.6 (25°C)	-	-
PHENOLS	mg/L	DISTILLATION, 4-AMINOANTIPYRINE METHOD (SM: PART 5530 B AND PART 5530 C)	< 0.005	0.001	0.005
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	32.0	-	-
SALINITY	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	27.6	0.1	-
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	5.0	0.5	-
BIOCHEMICAL OXYGEN DEMAND	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	1.1	-	0.5
CHEMICAL OXYGEN DEMAND	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	81.4	-	40.0
SUSPENDED SOLIDS	mg/L	GRAVIMETRIC METHOD (SM: PART 2540 D)	9.7	1.0	-
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	35,080	-	25
CYANIDE	µg/L CN ⁻	DISTILLATION, PYRIDINE-BARBITURIC ACID METHOD (SM: PART 4500-CN ⁻ C AND PART 4500-CN ⁻ E)	< 1.0	1.0	5.0
NITRATE-NITROGEN	µg/L N	CADMIUM REDUCTION AND COLOURIMETRIC METHOD (BASED ON PRACTICAL HANDBOOK OF SEAWATER ANALYSIS (STRICKLAND AND PARSON, 1972, II.6))	2.55	0.50	2.00
SULPHIDE	µg/L	METHYLENE BLUE COLOURIMETRIC METHOD (METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 5)	< 10	-	10
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.4	-	3

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW006 : 500 M OFFSHORE (JETTY) T26AJ809-0010		
METALS					
LEAD	µg/L Pb	PRE-CONCENTRATION AND INDUCTIVELY COUPLED PLASMA (ICP) METHOD (BASED ON METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 12)	0.920	0.100	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/CLEAR		
SEDIMENT			YELLOW		

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-07-05-002

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER
SAMPLING DATE : MAY 7, 2026
SAMPLING TIME : 10:50 HOUR
SAMPLING METHOD : COMPOSITE
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MR KORNVIT CHIASIRISAKUL

RECEIVED DATE : MAY 8, 2026
ANALYTICAL DATE : MAY 8-14, 2026
ISSUE DATE : MAY 26, 2026
REPORT NO. : 2026-U043081
WORK NO. : 2025-010401
ANALYSIS NO. : T26AJ809-0011

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW006 : 500 M OFFSHORE (JETTY) T26AJ809-0011		
METALS					
MERCURY	µg/L Hg	US EPA 2005: 245.7, REVISION 2.0, FEBRUARY 2005	< 0.010	0.010	0.020
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/CLEAR		
SEDIMENT			YELLOW		

RELEASE ORDER NO. : EV-07-05-002



(MISS BENJAWAN VIRIYOTHA)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER **RECEIVED DATE** : MAY 22, 2026
SAMPLING DATE : MAY 21, 2026 **ANALYTICAL DATE** : MAY 22-27, 2026
SAMPLING TIME : 10:20 HOUR **ISSUE DATE** : JUNE 4, 2026
SAMPLING METHOD : COMPOSITE **REPORT NO.** : 2026-U046592
SAMPLING BY : MR THANADET WANSANOR **WORK NO.** : 2025-010401
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM **ANALYSIS NO.** : T26AL107-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			LBW006. 500 M OFFSHORE (JETTY) T26AL107-0006	
pH	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	8.1 (25°C)	-
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	32.4	-
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	33,100	25
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.8	3
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			YELLOW/CLEAR	
SEDIMENT			YELLOW	

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-21-05-006



(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME	: ENVIRONMENTAL & SOCIOECONOMIC SURVEY	RECEIVED DATE	: JUNE 5, 2026
CUSTOMER NAME	: BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED	ANALYTICAL DATE	: JUNE 5-18, 2026
ADDRESS	: 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230	ISSUE DATE	: JUNE 23, 2026
CONTACT INFORMATION	: TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th	REPORT NO.	: 2026-U054707
SAMPLING SOURCE	: -	WORK NO.	: 2025-010401
SAMPLE TYPE	: SEAWATER	ANALYSIS NO.	: T26AM260-0010
SAMPLING DATE	: JUNE 4, 2026		
SAMPLING TIME	: 10:55 HOUR		
SAMPLING METHOD	: GRAB		
SAMPLING BY	: MR THANADET WANSANOR		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW006 : 500 M OFFSHORE (JETTY) T26AM260-0010		
pH	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	8.0 (25°C)	-	-
PHENOLS	mg/L	DISTILLATION, 4-AMINOANTIPYRINE METHOD (SM: PART 5530 B AND PART 5530 C)	< 0.005	0.001	0.005
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	31.3	-	-
SALINITY	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	28.6	0.1	-
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	6.0	0.5	-
BIOCHEMICAL OXYGEN DEMAND	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	1.3	-	0.5
CHEMICAL OXYGEN DEMAND	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	77.6	-	40.0
SUSPENDED SOLIDS	mg/L	GRAVIMETRIC METHOD (SM: PART 2540 D)	16.2	1.0	-
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	35,360	-	25
CYANIDE	µg/L CN ⁻	DISTILLATION, PYRIDINE-BARBITURIC ACID METHOD (SM: PART 4500-CN ⁻ C AND PART 4500-CN ⁻ E)	< 1.0	1.0	5.0
NITRATE-NITROGEN	µg/L N	CADMIUM REDUCTION AND COLOURIMETRIC METHOD (BASED ON PRACTICAL HANDBOOK OF SEAWATER ANALYSIS (STRICKLAND AND PARSON, 1972, II.6))	5.99	0.50	2.00
SULPHIDE	µg/L	METHYLENE BLUE COLOURIMETRIC METHOD (METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 5)	< 10	-	10
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.4	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW006 : 500 M OFFSHORE (JETTY) T26AM260-0010		
METALS					
LEAD	µg/L Pb	PRE-CONCENTRATION AND INDUCTIVELY COUPLED PLASMA (ICP) METHOD (BASED ON METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 12)	0.340	0.100	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/CLEAR		
SEDIMENT			BROWN		

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-04-06-002



(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER
SAMPLING DATE : JUNE 4, 2026
SAMPLING TIME : 10:35 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : JUNE 5, 2026
ANALYTICAL DATE : JUNE 5-8, 2026
ISSUE DATE : JUNE 23, 2026
REPORT NO. : 2026-U054709
WORK NO. : 2025-010401
ANALYSIS NO. : T26AM260-0012

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW007 : BERTH ISLAND T26AM260-0012		
SUSPENDED SOLIDS	mg/L	GRAVIMETRIC METHOD (SM: PART 2540 D)	9.1	1.0	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN		

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.
 RELEASE ORDER NO. : EV-04-06-002



(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

ISO 9001:2015 CERTIFIED
 ISO 14001:2015 CERTIFIED
 ISO 45001:2018 CERTIFIED

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



ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER **RECEIVED DATE** : JUNE 19, 2026
SAMPLING DATE : JUNE 18, 2026 **ANALYTICAL DATE** : JUNE 19-23, 2026
SAMPLING TIME : 10:45 HOUR **ISSUE DATE** : JUNE 30, 2026
SAMPLING METHOD : COMPOSITE **REPORT NO.** : 2026-U056733
SAMPLING BY : MR THANADET WANSANOR **WORK NO.** : 2025-010401
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM **ANALYSIS NO.** : T26AN854-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			LBW006. 500 M OFFSHORE (JETTY) T26AN854-0006	
pH	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	8.0 (25°C)	-
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	32.2	-
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	38,420	25
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.9	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR BROWN	

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-18-06-006



(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER
SAMPLING DATE : JANUARY 8, 2026
SAMPLING TIME : 10:40 HOUR
SAMPLING METHOD : COMPOSITE
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : JANUARY 9, 2026
ANALYTICAL DATE : JANUARY 9-21, 2026
ISSUE DATE : JANUARY 23, 2026
REPORT NO. : 2026-U005357
WORK NO. : 2025-010401
ANALYSIS NO. : T26AA293-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW007 : BERTH ISLAND T26AA293-0002		
pH	-	ELECTROMETRIC METHOD (SM: PART 4500 -H ⁺ B)	7.9 (25°C)	-	-
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	26.4	-	-
SALINITY	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	32.0	0.1	-
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	6.2	0.5	-
BIOCHEMICAL OXYGEN DEMAND	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	1.4	0.5	-
CHEMICAL OXYGEN DEMAND	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	65.0	-	40.0
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	35,080	-	25
NITRATE-NITROGEN	µg/L N	CADMIUM REDUCTION AND COLOURIMETRIC METHOD (BASED ON PRACTICAL HANDBOOK OF SEAWATER ANALYSIS (STRICKLAND AND PARSON, 1972, II.6))	4.81	0.50	2.00
SULPHIDE	µg/L	METHYLENE BLUE COLOURIMETRIC METHOD (METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 5)	< 10	-	10
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.7	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW007 : BERTH ISLAND T26AA293-0002		
METALS					
LEAD	µg/L Pb	PRE-CONCENTRATION AND INDUCTIVELY COUPLED PLASMA (ICP) METHOD (BASED ON METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 12)	0.570	0.100	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			BROWN		

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-08-01-002

Wilailak Srisuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER
SAMPLING DATE : FEBRUARY 5, 2026
SAMPLING TIME : 10:55 HOUR
SAMPLING METHOD : COMPOSITE
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : FEBRUARY 6, 2026
ANALYTICAL DATE : FEBRUARY 6-11, 2026
ISSUE DATE : FEBRUARY 16, 2026
REPORT NO. : 2026-U011721
WORK NO. : 2025-010401
ANALYSIS NO. : T26AC367-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW007 : BERTH ISLAND T26AC367-0008		
pH	-	ELECTROMETRIC METHOD (SM: PART 4500 -H ⁺ B)	7.7 (25°C)	-	-
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	28.0	-	-
SALINITY	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	30.3	0.1	-
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	5.2	0.5	-
BIOCHEMICAL OXYGEN DEMAND	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	0.9	0.5	-
CHEMICAL OXYGEN DEMAND	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	43.0	-	40.0
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	35,820	-	25
NITRATE-NITROGEN	µg/L N	CADMIUM REDUCTION AND COLOURIMETRIC METHOD (BASED ON PRACTICAL HANDBOOK OF SEAWATER ANALYSIS (STRICKLAND AND PARSON, 1972, II.6))	2.52	0.50	2.00
SULPHIDE	µg/L	METHYLENE BLUE COLOURIMETRIC METHOD (METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 5)	< 10	-	10
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.6	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW007 : BERTH ISLAND T26AC367-0008		
METALS					
LEAD	µg/L Pb	PRE-CONCENTRATION AND INDUCTIVELY COUPLED PLASMA (ICP) METHOD (BASED ON METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 12)	2.11	0.100	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/CLEAR		
SEDIMENT			BROWN		

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-05-02-002

Wilailak Srisuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER
SAMPLING DATE : MARCH 5, 2026
SAMPLING TIME : 10:55 HOUR
SAMPLING METHOD : COMPOSITE
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : MARCH 6, 2026
ANALYTICAL DATE : MARCH 6-19, 2026
ISSUE DATE : MARCH 24, 2026
REPORT NO. : 2026-U022353
WORK NO. : 2025-010401
ANALYSIS NO. : T26AE526-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW007 : BERTH ISLAND T26AE526-0008		
pH	-	ELECTROMETRIC METHOD (SM: PART 4500 -H ⁺ B)	7.9 (25°C)	-	-
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	30.5	-	-
SALINITY	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	29.5	0.1	-
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	5.2	0.5	-
BIOCHEMICAL OXYGEN DEMAND	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	1.0	-	0.5
CHEMICAL OXYGEN DEMAND	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	71.0	-	40.0
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	34,640	-	25
NITRATE-NITROGEN	µg/L N	CADMIUM REDUCTION AND COLOURIMETRIC METHOD (BASED ON PRACTICAL HANDBOOK OF SEAWATER ANALYSIS (STRICKLAND AND PARSON, 1972, II.6))	10.0	0.50	2.00
SULPHIDE	µg/L	METHYLENE BLUE COLOURIMETRIC METHOD (METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 5)	< 10	-	10
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.6	-	3

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW007 : BERTH ISLAND T26AE526-0008		
METALS					
LEAD	µg/L Pb	PRE-CONCENTRATION AND INDUCTIVELY COUPLED PLASMA (ICP) METHOD (BASED ON METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 12)	1.08	0.100	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR BROWN		

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-05-03-002

Wilailak Simuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY

CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED

ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230

CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th

SAMPLING SOURCE : -

SAMPLE TYPE : SEAWATER **RECEIVED DATE** : MARCH 6, 2026

SAMPLING DATE : MARCH 5, 2026 **ANALYTICAL DATE** : MARCH 6-9, 2026

SAMPLING TIME : 10:55 HOUR **ISSUE DATE** : MARCH 24, 2026

SAMPLING METHOD : COMPOSITE **REPORT NO.** : 2026-U022361

SAMPLING BY : MR THANADET WANSANOR **WORK NO.** : 2025-010401

ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM **ANALYSIS NO.** : T26AE526-0013

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			LBW007 : BERTH ISLAND T26AE526-0013	
SUSPENDED SOLIDS	mg/L	GRAVIMETRIC METHOD (SM: PART 2540 D)	8.9	1.0
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR BROWN	

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

RELEASE ORDER NO. : EV-05-03-002

Wibubk Sinuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER
SAMPLING DATE : APRIL 2, 2026
SAMPLING TIME : 10:20 HOUR
SAMPLING METHOD : COMPOSITE
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : APRIL 3, 2026
ANALYTICAL DATE : APRIL 3-23, 2026
ISSUE DATE : APRIL 24, 2026
REPORT NO. : 2026-U032419
WORK NO. : 2025-010401
ANALYSIS NO. : T26AH117-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW007 : BERTH ISLAND T26AH117-0008		
pH	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.9 (25°C)	-	-
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	30.7	-	-
SALINITY	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	28.2	0.1	-
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	5.1	0.5	-
BIOCHEMICAL OXYGEN DEMAND	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	1.0	-	0.5
CHEMICAL OXYGEN DEMAND	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	53.1	-	40.0
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	31,500	-	25
NITRATE-NITROGEN	µg/L N	CADMIUM REDUCTION AND COLOURIMETRIC METHOD (BASED ON PRACTICAL HANDBOOK OF SEAWATER ANALYSIS (STRICKLAND AND PARSON, 1972, II.6))	8.95	0.50	2.00
SULPHIDE	µg/L	METHYLENE BLUE COLOURIMETRIC METHOD (METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 5)	< 10	-	10
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	1.2	-	3

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW007 : BERTH ISLAND T26AH117-0008		
METALS					
LEAD	µg/L Pb	PRE-CONCENTRATION AND INDUCTIVELY COUPLED PLASMA (ICP) METHOD (BASED ON METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 12)	< 0.100	0.100	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/CLEAR		
SEDIMENT			BROWN		

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-02-04-001

Wibulak Simul

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER
SAMPLING DATE : MAY 7, 2026
SAMPLING TIME : 10:30 HOUR
SAMPLING METHOD : COMPOSITE
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : MAY 8, 2026
ANALYTICAL DATE : MAY 8-19, 2026
ISSUE DATE : MAY 26, 2026
REPORT NO. : 2026-U043082
WORK NO. : 2025-010401
ANALYSIS NO. : T26AJ809-0012

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW007 : BERTH ISLAND T26AJ809-0012		
pH	-	ELECTROMETRIC METHOD (SM: PART 4500 -H ⁺ B)	7.7 (25°C)	-	-
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	32.1	-	-
SALINITY	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	27.5	0.1	-
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	5.1	0.5	-
BIOCHEMICAL OXYGEN DEMAND	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	1.2	-	0.5
CHEMICAL OXYGEN DEMAND	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	57.5	-	40.0
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	36,240	-	25
NITRATE-NITROGEN	µg/L N	CADMIUM REDUCTION AND COLOURIMETRIC METHOD (BASED ON PRACTICAL HANDBOOK OF SEAWATER ANALYSIS (STRICKLAND AND PARSON, 1972, II.6))	5.35	0.50	2.00
SULPHIDE	µg/L	METHYLENE BLUE COLOURIMETRIC METHOD (METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 5)	< 10	-	10
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.5	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW007 : BERTH ISLAND T26AJ809-0012		
METALS					
LEAD	µg/L Pb	PRE-CONCENTRATION AND INDUCTIVELY COUPLED PLASMA (ICP) METHOD (BASED ON METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 12)	2.92	0.100	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			YELLOW		

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-07-05-002



(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : ENVIRONMENTAL & SOCIOECONOMIC SURVEY
CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 0 3314 2891 e-mail : wanlop.boongor@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER
SAMPLING DATE : JUNE 4, 2026
SAMPLING TIME : 10:35 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : JUNE 5, 2026
ANALYTICAL DATE : JUNE 5-18, 2026
ISSUE DATE : JUNE 23, 2026
REPORT NO. : 2026-U054708
WORK NO. : 2025-010401
ANALYSIS NO. : T26AM260-0011

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW007 : BERTH ISLAND T26AM260-0011		
pH	-	ELECTROMETRIC METHOD (SM: PART 4500 -H ⁺ B)	8.0 (25°C)	-	-
TEMPERATURE	°C	THERMOMETER (AT SITE) SM: PART 2550 B	31.0	-	-
SALINITY	ppt	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2520 B AND 1060 B	27.7	0.1	-
DISSOLVED OXYGEN	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	5.9	0.5	-
BIOCHEMICAL OXYGEN DEMAND	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	1.3	-	0.5
CHEMICAL OXYGEN DEMAND	mg/L	CLOSED REFLUX, TITRIMETRIC METHOD (SM: PART 5220 C)	63.0	-	40.0
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	36,080	-	25
NITRATE-NITROGEN	µg/L N	CADMIUM REDUCTION AND COLOURIMETRIC METHOD (BASED ON PRACTICAL HANDBOOK OF SEAWATER ANALYSIS (STRICKLAND AND PARSON, 1972, II.6))	3.50	0.50	2.00
SULPHIDE	µg/L	METHYLENE BLUE COLOURIMETRIC METHOD (METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 5)	< 10	-	10
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	0.7	-	3



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			LBW007 : BERTH ISLAND T26AM260-0011		
METALS					
LEAD	µg/L Pb	PRE-CONCENTRATION AND INDUCTIVELY COUPLED PLASMA (ICP) METHOD (BASED ON METHOD OF SEAWATER ANALYSIS, GRASSHOFF, 1999, CHAPTER 12)	0.310	0.100	-
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN		

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

FAT, OIL AND GREASE : THIS REPORTED VALUE IS BELOW LIMIT OF QUANTITATION. ITS USE IS SUBJECT TO CUSTOMER JUSTIFICATION.

RELEASE ORDER NO. : EV-04-06-002



(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 09 6650 4742 e-mail : namida.treesuramongkholchote@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER
SAMPLING DATE : APRIL 20, 2026
SAMPLING TIME : 09:24 HOUR
SAMPLING METHOD : PLANKTON NET
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MR ORATHEP MUESUEA

RECEIVED DATE : APRIL 21, 2026
ANALYTICAL DATE : APRIL 21-MAY 7, 2026
ISSUE DATE : MAY 8, 2026
REPORT NO. : 2026-U036664
WORK NO. : 2025-010401
ANALYSIS NO. : T26AI274-0003

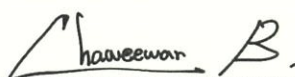
PHYTOPLANKTON	RESULT	
	T26AI274-0003	
	AVERAGE DENSITY	STANDARD DEVIATION (±)
Division Chromophyta		
Class Bacillariophyceae		
Family Thalassiosiraceae		
<i>Thalassiosira</i> sp.	181,754	1,254
Family Coscinodiscaceae		
<i>Coscinodiscus</i> sp.	139,986	3,753
Family Rhizosoleniaceae		
<i>Dactyliosolen</i> sp.	96,254	1,509
<i>Proboscia alata</i>	759,320	17,933
Family Chaetocerotaceae		
<i>Bacteriastrum</i> sp.	174,753,600	1,106,481
<i>Chaetoceros</i> sp. 1	311,517,540	3,575,444
<i>Chaetoceros</i> sp. 2	13,680,880	179,775
<i>Chaetoceros</i> sp. 3	11,598,000	42,427
<i>Chaetoceros</i> sp. 4	1,315,274	40,626
Family Eupodiscaceae		
<i>Odontella</i> sp.	28,906	2,452
Family Thalassionemataceae		
<i>Thalassionema frauenfeldii</i>	1,253,480	18,612
Family Naviculaceae		
<i>Amphora</i> sp.	30,946	434
<i>Pleurosigma</i> sp.	10,728,260	227,774
Family Bacillariaceae		
<i>Bacillaria paxillifer</i>	349,366	5,592
<i>Nitzschia</i> sp.	473,920	6,676
<i>Pseudo-nitzschia</i> sp.	3,352,640	33,037
Family Surirellaceae		
<i>Surirella</i> sp.	3,242,066	51,723



PHYTOPLANKTON	RESULT	
	T26AI274-0003	
	AVERAGE DENSITY	STANDARD DEVIATION (±)
Class Dinophyceae		
Family Ceratiaceae		
<i>Ceratium</i> sp. 1	10,086	1,084
<i>Ceratium</i> sp. 2	9,414	133
<i>C. furca</i>	9,400	1,754
Family Peridiniaceae		
<i>Peridinium</i> sp.	87,500	2,574
TOTAL DENSITY (CELLS/m ³)	533,618,592	5,321,047
ORGANISMS COUNTED (GENUS/SPECIES)	21	
SAMPLE VOLUME FILTERED THROUGH PLANKTON NET (LITER)	50	
SAMPLE CONDITION (VISUAL OBSERVATION)		
COLOUR AND TURBIDITY OF WATER	COLOURLESS/CLEAR	
COLOUR OF SEDIMENT	GREEN	

REMARK : PLANKTON COUNTING TECHNIQUES IS NATURAL UNIT COUNT REFERENCE STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023 PART 10200 F.

SAMPLE NAME SAMPLE NO. 1 500 METERS OFFSHORE (JETTY) : ระดับที่ 2


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

ANALYSIS REPORT

CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 09 6650 4742 e-mail : namida.treesuramongkholchote@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER
SAMPLING DATE : APRIL 20, 2026
SAMPLING TIME : 09:38 HOUR
SAMPLING METHOD : PLANKTON NET
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS SIRINPORN KWANBOONCHAN

RECEIVED DATE : APRIL 21, 2026
ANALYTICAL DATE : APRIL 21-30, 2026
ISSUE DATE : MAY 8, 2026
REPORT NO. : 2026-U036674
WORK NO. : 2025-010401
ANALYSIS NO. : T26AI274-0005

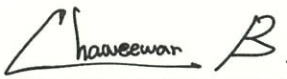
ZOOPLANKTON	RESULT
	SAMPLE NO. 1 T26AI274-0005
Phylum Chaetognatha	
Class Sagittoidea	
Family Sagittidae	
<i>Sagitta</i> sp.	400
Phylum Arthropoda	
Class Crustacea	
Subclass Copepoda (Nauplius)	42
Subclass Copepoda	
Order Cyclopoida	33
Order Calanoida	500
Subclass Cirripedia	900
Subclass Malacostraca	
Order Decapoda	108
Phylum Mollusca	
Class Bivalvia	25
Phylum Echinodermata	
Class Echinoidea	175



ZOOPLANKTON	RESULT
	SAMPLE NO. 1 T26AI274-0005
Phylum Chordata Class Larvacea Order Copelata Family Oikopleuridae <i>Oikopleura</i> sp.	108
TOTAL DENSITY (INDIVIDUALS/m ³)	2,291
ORGANISMS COUNTED (CLASS/SUBCLASS/ORDER/GENUS/SPECIES)	9
SAMPLE VOLUME FILTERED THROUGH PLANKTON NET (LITER)	40,000
SAMPLE CONDITION (VISUAL OBSERVATION) COLOUR AND TURBIDITY OF WATER COLOUR OF SEDIMENT	COLOURLESS/CLEAR GREEN

REMARK : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023 PART 10200 G.

SAMPLE NAME SAMPLE NO. 1 500 METERS OFFSHORE (JETTY)


.....
(MISS CHAWEEVAN BOONLA)
LABORATORY SUPERVISOR

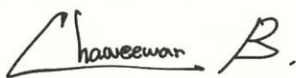
ANALYSIS REPORT

CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 09 6650 4742 e-mail : namida.treesuramongkholchote@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEDIMENT
SAMPLING DATE : APRIL 20, 2026
SAMPLING TIME : 09:30 HOUR
SAMPLING METHOD : PETERSEN GRAB
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS WARUNYA CHUNAM

RECEIVED DATE : APRIL 21, 2026
ANALYTICAL DATE : APRIL 21-28, 2026
ISSUE DATE : MAY 8, 2026
REPORT NO. : 2026-U036706
WORK NO. : 2025-010401
ANALYSIS NO. : T26AI274-0006

No.	BENTHOS	RESULT	
		T26AI274-0006	
		AVERAGE DENSITY	STANDARD DEVIATION (±)
1	Phylum Annelida Class Polychaeta Family Glyceridae	8	13
TOTAL DENSITY (INDIVIDUALS/m ²)		8	13
SAMPLE CONDITION		CLAY	

SAMPLE NO. 1 500 METERS OFFSHORE (JETTY)



(MISS CHAWEEVAN BOONLA)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 09 6650 4742 e-mail : namida.treesuramongkholchote@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER
SAMPLING DATE : APRIL 20, 2026
SAMPLING TIME : 10:10 HOUR
SAMPLING METHOD : PLANKTON NET
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MR ORATHEP MUESUEA
RECEIVED DATE : APRIL 21, 2026
ANALYTICAL DATE : APRIL 21-MAY 6, 2026
ISSUE DATE : MAY 8, 2026
REPORT NO. : 2026-U036672
WORK NO. : 2025-010401
ANALYSIS NO. : T26AI274-0009

PHYTOPLANKTON	RESULT	
	T26AI274-0009	
	AVERAGE DENSITY	STANDARD DEVIATION (±)
Division Chromophyta		
Class Bacillariophyceae		
Family Thalassiosiraceae		
<i>Lauderia annulata</i>	57,388	3,886
<i>Thalassiosira</i> sp.	339,048	8,871
Family Coscinodiscaceae		
<i>Coscinodiscus</i> sp.	59,388	1,058
Family Rhizosoleniaceae		
<i>Dactyliosolen</i> sp.	51,548	1,284
<i>Guinardia</i> sp. 1	150,728	7,648
<i>Guinardia</i> sp. 2	186,668	5,696
<i>Proboscia alata</i>	888,520	19,630
Family Chaetocerotaceae		
<i>Bacteriastrum</i> sp.	115,691,520	2,324,289
<i>Chaetoceros</i> sp. 1	126,377,428	337,393
<i>Chaetoceros</i> sp. 2	2,561,600	70,145
<i>Chaetoceros</i> sp. 3	7,252,800	6,789
<i>Chaetoceros</i> sp. 4	1,090,468	280,676
Family Eupodiscaceae		
<i>Odontella</i> sp.	16,268	2,302
Family Thalassionemataceae		
<i>Thalassionema frauenfeldii</i>	346,014	6,639
Family Naviculaceae		
<i>Meuniera membranacea</i>	44,994	3,330
<i>Navicula</i> sp.	146,120	10,579
<i>Pleurosigma</i> sp.	4,401,828	121,379
Family Bacillariaceae		
<i>Bacillaria paxillifer</i>	478,340	24,070
<i>Nitzschia</i> sp.	240,120	13,407
<i>N. longissima</i>	29,314	3,782
<i>Pseudo-nitzschia</i> sp.	2,716,114	86,938



PHYTOPLANKTON	RESULT	
	T26AI274-0009	
	AVERAGE DENSITY	STANDARD DEVIATION (±)
Family Surirellaceae		
<i>Entomoneis</i> sp.	60,674	2,877
<i>Surirella</i> sp.	783,608	3,236
Class Dinophyceae		
Family Dinophysiaceae		
<i>Dinophysis</i> sp. 1	15,000	510
<i>Dinophysis</i> sp. 2	60,040	1,980
<i>Phalacroma</i> sp.	28,654	4,715
Family Noctilucaeae		
<i>Noctiluca</i> sp.	43,700	3,366
Family Ceratiaceae		
<i>Ceratium</i> sp. 1	16,314	445
<i>Ceratium</i> sp. 2	30,654	1,887
<i>C. furca</i>	3,840	5,431
Family Peridiniaceae		
<i>Peridinium</i> sp.	64,014	1,847
Family Protoperidiniaceae		
<i>Protoperidinium</i> sp.	74,354	5,253
TOTAL DENSITY (CELLS/m ³)	264,307,068	3,371,338
ORGANISMS COUNTED (GENUS/SPECIES)	32	
SAMPLE VOLUME FILTERED THROUGH PLANKTON NET (LITER)	50	
SAMPLE CONDITION (VISUAL OBSERVATION)		
COLOUR AND TURBIDITY OF WATER	COLOURLESS/CLEAR	
COLOUR OF SEDIMENT	GREEN	

REMARK : PLANKTON COUNTING TECHNIQUES IS NATURAL UNIT COUNT REFERENCE STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023 PART 10200 F.

SAMPLE NAME SAMPLE NO. 1 LBW007 : BERTH ISLAND: ระดับที่ 2


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

ANALYSIS REPORT

CUSTOMER NAME	: BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED		
ADDRESS	: 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230		
CONTACT INFORMATION	: TEL : 09 6650 4742 e-mail : namida.treesuramongkholchote@bangchak.co.th		
SAMPLING SOURCE	: -		
SAMPLE TYPE	: SEAWATER	RECEIVED DATE	: APRIL 21, 2026
SAMPLING DATE	: APRIL 20, 2026	ANALYTICAL DATE	: APRIL 21-30, 2026
SAMPLING TIME	: 09:38 HOUR	ISSUE DATE	: MAY 8, 2026
SAMPLING METHOD	: PLANKTON NET	REPORT NO.	: 2026-U036674
SAMPLING BY	: MR THANADET WANSANOR	WORK NO.	: 2025-010401
ANALYZED BY	: MISS SIRINPORN KWANBOONCHAN	ANALYSIS NO.	: T26AI274-0005

ZOOPLANKTON	RESULT
	SAMPLE NO. 1 T26AI274-0005
Phylum Chaetognatha	
Class Sagittoidea	
Family Sagittidae	
<i>Sagitta</i> sp.	400
Phylum Arthropoda	
Class Crustacea	
Subclass Copepoda (Nauplius)	42
Subclass Copepoda	
Order Cyclopoida	33
Order Calanoida	500
Subclass Cirripedia	900
Subclass Malacostraca	
Order Decapoda	108
Phylum Mollusca	
Class Bivalvia	25
Phylum Echinodermata	
Class Echinoidea	175



ZOOPLANKTON	RESULT
	SAMPLE NO. 1 T26A1274-0005
Phylum Chordata Class Larvacea Order Copelata Family Oikopleuridae <i>Oikopleura</i> sp.	108
TOTAL DENSITY (INDIVIDUALS/m ³)	2,291
ORGANISMS COUNTED (CLASS/SUBCLASS/ORDER/GENUS/SPECIES)	9
SAMPLE VOLUME FILTERED THROUGH PLANKTON NET (LITER)	40,000
SAMPLE CONDITION (VISUAL OBSERVATION) COLOUR AND TURBIDITY OF WATER COLOUR OF SEDIMENT	COLOURLESS/CLEAR GREEN

REMARK : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023 PART 10200 G.

SAMPLE NAME SAMPLE NO. 1 500 METERS OFFSHORE (JETTY)



(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 09 6650 4742 e-mail : namida.treesuramongkholchote@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEAWATER
SAMPLING DATE : APRIL 20, 2026
SAMPLING TIME : 10:32 HOUR
SAMPLING METHOD : PLANKTON NET
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS SIRINPORN KWANBOONCHAN
RECEIVED DATE : APRIL 21, 2026
ANALYTICAL DATE : APRIL 21-MAY 7, 2026
ISSUE DATE : MAY 8, 2026
REPORT NO. : 2026-U036700
WORK NO. : 2025-010401
ANALYSIS NO. : T26AI274-0011

ZOOPLANKTON	RESULT
	SAMPLE NO. 1 T26AI274-0011
Phylum Protozoa	
Class Sarcodina	
Subclass Rhizopoda	
Order Foraminiferida	87
Class Ciliata	
Order Tintinnida	
Family Codonellidae	
<i>Tintinnopsis</i> sp.	146
Order Tintinnida	
Family Cyttarocylindae	
<i>Favella</i> sp.	87
Phylum Chaetognatha	
Class Sagittoidea	
Family Sagittidae	
<i>Sagitta</i> sp.	465
Phylum Arthropoda	
Class Crustacea	
Subclass Copepoda (Nauplius)	378
Subclass Copepoda	
Order Cyclopoida	87
Order Calanoida	1,774
Subclass Cirripedia	1,309
Phylum Mollusca	
Class Bivalvia	87
Phylum Echinodermata	
Class Echinoidea	378



ZOOPLANKTON	RESULT
	SAMPLE NO. 1 T26AI274-0011
Phylum Chordata Class Larvacea Order Copelata Family Oikopleuridae <i>Oikopleura</i> sp.	203
TOTAL DENSITY (INDIVIDUALS/m ³)	5,001
ORGANISMS COUNTED (CLASS/SUBCLASS/ORDER/GENUS/SPECIES)	11
SAMPLE VOLUME FILTERED THROUGH PLANKTON NET (LITER)	12,000
SAMPLE CONDITION (VISUAL OBSERVATION) COLOUR AND TURBIDITY OF WATER COLOUR OF SEDIMENT	COLOURLESS/CLEAR GREEN

REMARK : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023 PART 10200 G.

SAMPLE NAME SAMPLE NO. 1 LBW007 : BERTH ISLAND



(MISS CHAWEEVAN BOONLA)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
ADDRESS : 118 MOO 2 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 09 6650 4742 e-mail : namida.treesuramongkholchote@bangchak.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : SEDIMENT
SAMPLING DATE : APRIL 20, 2026
SAMPLING TIME : 10:20 HOUR
SAMPLING METHOD : PETERSEN GRAB
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS WARUNYA CHUNAM

RECEIVED DATE : APRIL 21, 2026
ANALYTICAL DATE : APRIL 21-28, 2026
ISSUE DATE : MAY 8, 2026
REPORT NO. : 2026-U036707
WORK NO. : 2025-010401
ANALYSIS NO. : T26AI274-0012

No.	BENTHOS	RESULT	
		T26AI274-0012	
		AVERAGE DENSITY	STANDARD DEVIATION (±)
1	Phylum Annelida Class Polychaeta Family Pilargidae	8	13
2	Phylum Mollusca Class Bivalvia Family Tellinidae <i>Tellina</i> sp.	8	13
TOTAL DENSITY (INDIVIDUALS/m ²)		16	26
SAMPLE CONDITION		CLAY	

SAMPLE NO. 1 LBW007 : BERTH ISLAND


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





Your Project #: SRT-RF-2026-01

Attention: Tanaphorn Taweeyat

BANGCHAK SRIRACHA REFINING COMPANY
3195/17-29 Rama 4 Road
Klongton, Klongtoey
Bangkok, --
Thailand

Report Date: 04/20/2026

Report #: R8726893

Version: 1 - Final

ANALYTICAL REPORT

BUREAU VERITAS JOB #: C638561

Received: 04/13/2026, 00:00

Sample Matrix: Passive Monitor
Samples Received: 2

Analyses	Quantity	Date Analyzed	Laboratory Method	Analytical Method
Naphthas by NIOSH 1550 - Monitor	2	04/15/2026	NOV4SOP-00001	NIOSH 1550 / 1551
Volatiles (VOC) - List 1 -GC/FID-Monitor	2	04/15/2026	NOV SOP-00005	NOV SOP-00005

Remarks:

Report Qualifier - Any general comments can be added to appear here.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Results relate only to the items tested.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

Encryption Key

Please direct all questions regarding this Analytical Report to your Project Manager.

Wendy Lesniak, CS

Email: Wendy.Lesniak@bureauveritas.com

Phone# (248) 344-1770

=====

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports.
This report is authorized by Lynn Brundage, Operations Manager responsible for Michigan Industrial Hygiene laboratory operations.



BUREAU
VERITAS

Bureau Veritas Job #: C638561
Report Date: 04/20/2026

BANGCHAK SRIRACHA REFINING COMPANY
Client Project #: SRT-RF-2026-01

ANALYTICAL RESULTS

Client ID:	SRT-RF-2026-01-001					Matrix:	Passive Monitor
Bureau Veritas ID:	BBSA15					Sample Media:	AT 566/3M3500+
Date Sampled:	03/12/2026					Sampling Time (Minutes):	360
ANALYTE	Samp Rate cc/min	Mass ug	Concentration mg/m3 ppm		RL ug	Test Method	Date Analyzed
Benzene	9.7	<0.50	<0.14	<0.045	0.50	NOV SOP-00005	04/15/2026
THCs as n-Hexane	9.9	<30	<8.4	<2.4	30	NIOSH 1550 / 1551	04/15/2026
RL = Reporting Limit							

Client ID:	SRT-RF-2026-01-BLANK					Matrix:	Passive Monitor
Bureau Veritas ID:	BBSA16					Sample Media:	AT 566/3M3500+
Date Sampled:	03/12/2026						
ANALYTE	Samp Rate cc/min	Mass ug	Concentration mg/m3 ppm		RL ug	Test Method	Date Analyzed
Benzene	9.7	<0.50	N/A	N/A	0.50	NOV SOP-00005	04/15/2026
THCs as n-Hexane	9.9	<30	N/A	N/A	30	NIOSH 1550 / 1551	04/15/2026
RL = Reporting Limit							



BUREAU
VERITAS

Bureau Veritas Job #: C638561

Report Date: 04/20/2026

BANGCHAK SRIRACHA REFINING COMPANY

Client Project #: SRT-RF-2026-01

GENERAL COMMENTS

Unless otherwise noted below the following statements apply: 1) all samples were received in acceptable condition, 2) all quality control results associated with this sample set were within acceptable limits and /or do not adversely affect the reported results and 3) the industrial hygiene results have not been blank corrected.

The client provided their pertinent field sampling data on the analysis request paperwork submitted with the samples. Results apply to the sample as received.

Results relate only to the items tested.



Request for Laboratory Analytical Services

IMPORTANT:

Date results required: _____

Rush charges authorized? Yes ☐ No ☒

Fax ☐

E-mail results ☒

E-mail Address: _____

Page: _____

For Lab Use Only

Lab Project #: _____

C638561 WL

Bureau Veritas North America, Inc.

Report results to:

Name Tanaphorn Taweeyat
Company Bangchak Sriracha Public Company Limited
Mailing Address Theerasak.chompubud@bangchak.co.th
118 Moo 2, Sukhaphibhan 7 Road,
Tungsuhkla, Sriracha, Chonburi 20230
City, State, Zip _____
Telephone No. +6697-393-0193 Fax No. -

SRT-RF-2026-01

Send invoice to: BV Thailand

P.O. No. _____

Name Sathaporn Rungnaparoichai
Company Bureau Veritas (Thailand) Co., Ltd.
Address 2170 New Petchburi Road, 16th Floor, Bangkok Tower
Bangkapi, Huaykwang, Bangkok, Thailand

City, State, Zip

10310

Special instructions and/or specific regulatory requirements:

(method, limit of detection, etc.)

Insulation sample for asbestos analysis

Asbestos/Soil samples only: Which state are these from? _____

Client Sample Identification	Date Sampled	Time Sampled	Matrix/Media	Air Volume (Liters)	# of Jars	ANALYSIS REQUESTED (List each analyte on the lines below, multiple analytes per line)
SRT-RF-2026 -01-001	12-Mar-26	360 mins	AT 566	-	-	Bz & THC
SRT-RF-2026 -01-BLANK	-	-	AT 566	-	-	Bz & THC

Collected by: Tanaphorn Taweeyat Date/Time 10-Apr-26
Relinquished by: _____ Date/Time _____
Relinquished by: _____ Date/Time _____
Method of Shipment: _____
Authorized by: Tanaphorn Taweeyat 10-Apr-26
(Signature MUST accompany request)

Collector's Signature: _____ Date/Time _____
Received by: _____ Date/Time _____
Received by: [Signature] Date/Time 4/13/26
Sample Condition on Receipt: 302
Acceptable X Other: _____
(Explain)

Ship to: **Detroit Lab**
22345 Roethel Drive
Novi, MI 48375
248.344.2652
800.806.5887

Atlanta Lab
3380 Chastain Meadows Pkwy., Ste 300
Kennesaw, GA 30144
770.499.7701
800.806.5887

Chicago Lab
95 Oakwood Road
Lake Zurich, IL 60047
888.576.7522
847.726.3320

Canadian Clients
1415 Janette Ave
Windsor, ON N8X 1Z1

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Your Project #: SRT-RF-2026-04

Attention: Tanaphorn Taweeyat

BANGCHAK SRIRACHA REFINING COMPANY
3195/17-29 Rama 4 Road
Klongton, Klongtoey
Bangkok, --
Thailand

Report Date: 07/27/2026

Report #: R8785747

Version: 1 - Final

ANALYTICAL REPORT

BUREAU VERITAS JOB #: C688096

Received: 07/22/2026, 00:00

Sample Matrix: Passive Monitor

Samples Received: 2

Analyses	Quantity	Date Analyzed	Laboratory Method	Analytical Method
Naphthas by NIOSH 1550 - Monitor	2	07/27/2026	NOV4SOP-00001	NIOSH 1550 / 1551
Volatiles (VOC) - List 1 -GC/FID-Monitor	2	07/24/2026	NOV SOP-00005	NOV SOP-00005

Remarks:

Report Qualifier - Any general comments can be added to appear here.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Results relate only to the items tested.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

Encryption Key

Please direct all questions regarding this Analytical Report to your Project Manager.

Wendy Lesniak, CS

Email: Wendy.Lesniak@bureauveritas.com

Phone# (248) 344-1770

=====

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports.
This report is authorized by Lynn Brundage, Operations Manager responsible for Michigan Industrial Hygiene laboratory operations.



BUREAU
VERITAS

Bureau Veritas Job #: C688096
Report Date: 07/27/2026

BANGCHAK SRIRACHA REFINING COMPANY
Client Project #: SRT-RF-2026-04

ANALYTICAL RESULTS

Client ID:	SRT-RF-2026-04-001					Matrix:	Passive Monitor
Bureau Veritas ID:	BFJN77					Sample Media:	AT 566/3M3500+
Date Sampled:	06/19/2026					Sampling Time (Minutes):	300
ANALYTE	Samp Rate cc/min	Mass ug	Concentration mg/m3 ppm		RL ug	Test Method	Date Analyzed
Benzene	9.7	<0.50	<0.17	<0.054	0.50	NOV SOP-00005	07/24/2026
THCs as n-Hexane	9.9	<30	<10	<2.9	30	NIOSH 1550 / 1551	07/27/2026
RL = Reporting Limit							

Client ID:	SRT-RF-2026-04-BLANK					Matrix:	Passive Monitor
Bureau Veritas ID:	BFJN78					Sample Media:	AT 566/3M3500+
Date Sampled:	06/19/2026						
ANALYTE	Samp Rate cc/min	Mass ug	Concentration mg/m3 ppm		RL ug	Test Method	Date Analyzed
Benzene	9.7	<0.50	N/A	N/A	0.50	NOV SOP-00005	07/24/2026
THCs as n-Hexane	9.9	<30	N/A	N/A	30	NIOSH 1550 / 1551	07/27/2026
RL = Reporting Limit							



GENERAL COMMENTS

Unless otherwise noted below the following statements apply: 1) all samples were received in acceptable condition, 2) all quality control results associated with this sample set were within acceptable limits and /or do not adversely affect the reported results and 3) the industrial hygiene results have not been blank corrected.

The client provided their pertinent field sampling data on the analysis request paperwork submitted with the samples. Results apply to the sample as received.

Sample BFJN78 [SRT-RF-2026-04-BLANK] : Actual value of the client THC's as n-Hexane blank; results have been blank corrected. This value includes background present in the solvent.

Results relate only to the items tested.



Request for Laboratory Analytical Services

IMPORTANT: Date results required: _____

Rush charges authorized? Yes ☒ No ☐

Fax or E-mail results

E-mail Address: _____

Page: _____

For Lab Use Only

Lab Project #: _____

C688096 WL

Bureau Veritas North America, Inc.

Report results to:	Client Project Number:	SRT-RF-2026-04	Send invoice to: BV Thailand	P.O. No.	NA
Name	Tanaphorn Taweeyat		Name	Sathaporn Rungnaparoichai	
Company	Bangchak Sriracha Public Company Limited		Company	Bureau Veritas (Thailand) Co., Ltd.	
Mailing Address	Tanaphorn.taweeyat@bangchak.co.th		Address	2170 New Petchburi Road, 16th Floor, Bangkok Tower	
	118 Moo 2, Sukhaphibhan 7 Road,			Bangkapi, Huaykwang, Bangkok, Thailand	
City, State, Zip	Tungsukla, Sriracha, Chonburi 20230		City, State, Zip	10310	
Telephone No.	+6664-929-2822	Fax No. -			

Special instructions and/or specific regulatory requirements:

(method, limit of detection, etc.)

Insulation sample for asbestos analysis

Asbestos/Soil samples only: Which state are these from?

Client Sample Identification	Date Sampled	Time Sampled	Matrix/Media	Air Volume (Liters)	# of Jars	ANALYSIS REQUESTED (List each analyte on the lines below, multiple analytes per line)
SRT-RF-2026-04-001	19-Jun-26	02:00 - 07:00	AT 566	-	-	Bz and THC
SRT-RF-2026-04-BLANK						
per sample LP72236						

Collected by:	Tanaphorn Taweeyat	Date/Time	20-Jul-26	Collector's Signature:		Date/Time	
Relinquished by:		Date/Time		Received by:		Date/Time	
Relinquished by:		Date/Time		Received by:		Date/Time	7-22-26
Method of Shipment:				Sample Condition on Receipt:			1415
Authorized by:	Tanaphorn Taweeyat		20-Jul-26	Acceptable	X	Other:	
						(Explain)	

(Signature MUST accompany request)

Ship to:	Detroit Lab	Atlanta Lab
	22345 Roethel Drive	3380 Chastain Meadows Pkwy., Ste 300
	Novi, MI 48375	Kennesaw, GA 30144
	248.344.2652	770.499.7701
	800.806.5887	800.806.5887

Fax: 248.344.2655

Fax: 770.499.7511

Chicago Lab

95 Oakwood Road

Lake Zurich, IL 60047

888.576.7522

847.726.3320

Fax: 847.726.3323

Canadian Clients

1415 Janette Ave

Windsor, ON N8X 1Z1

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