

ผลวิเคราะห์คุณภาพน้ำทิ้งโครงการ เปราชา 2



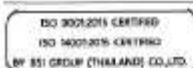
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ANALYSIS REPORT

CUSTOMER NAME	: KASEMKI COMPANY LIMITED	RECEIVED DATE	: APRIL 20, 2023
ADDRESS	: 35,35/1 JIRM JOMPOL ROAD SI RACHA SI RACHA CHON BURI 20110	ANALYTICAL DATE	: APRIL 20-28, 2023
CONTACT INFORMATION	: TEL : 0 2233 8989-98 e-mail : kj.qc@kasemki.com	REPORT NO.	: 2023-U037328
SAMPLING SOURCE	: WASTEWATER TREATMENT PLANT OF CAPE RACHA HOTEL	WORK NO.	: 2023-002316
SAMPLE TYPE	: WASTEWATER	ANALYSIS NO.	: T23AG993-0001
SAMPLING DATE	: APRIL 19, 2023		
SAMPLING TIME	: -		
SAMPLING METHOD	: -		
SAMPLING BY	: CUSTOMER		
ANALYZED BY	: MISS AMONRAT PUTTALEE		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			น้ำทิ้ง CHA2 (ชาตอง) T23AG993-0001		
pH ^a	-	ELECTROMETRIC METHOD (SM PART 4500-H ⁺ B)	7.6 (25°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^b	mg/L	AZIDE MODIFICATION METHOD (SM PART 5210 B AND PART 4500-O C)	9.6	≤ 30	2.0
SUSPENDED SOLIDS ^b	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM PART 2540 D)	12.5	≤ 40	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C), SM PART 2540 C	313	500*	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM PART 2540 F)	< 0.1	≤ 0.5	0.1
SULPHIDE ^d	mg/L	IODOMETRIC METHOD (SM PART 4500-S ²⁻ F)	< 0.50	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN ^{a, c}	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM PART 4500-Norg C	ND	≤ 35	15



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 * THIS ANALYSIS REPORT APPROVES ONLY FOR SUBMITTED SAMPLES.

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			ภาษาไทย CHA2 (มาตรฐาน) T23AG993-0001		
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			BROWN		

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

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

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

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23RD EDITION, 2017.

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

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 122, PART 125 D, DATED DECEMBER 29, 2005.

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

ND : NON-DETECTABLE.

A : SAMPLING ON MAY 10, 2023, ANALYSIS NO. T23A1347-0001 (ANALYTICAL DATE : MAY 10-18, 2023).

THE REASON FOR ISSUING THE NEW REPORT IS SUBSTITUTE RESULT.

SUBSTITUTED REPORT FOR REPORT NO. 2023-U032154, DATED MAY 3, 2023.

Benjawan V.

(MISS BENJAWAN VIRIYOTHAI)
LABORATORY SUPERVISOR

MAY 22, 2023