

ANALYSIS REPORT

CUSTOMER NAME : DOLSIRI DEVELOPMENT COMPANY LIMITED
ADDRESS : 1152 PUNN TOWER, 2ND FLOOR RAMA 4 ROAD KHLONG TOEI KHLONG TOEI BANGKOK 10110
CONTACT INFORMATION : TEL : 085-0347-144 e-mail : li.narawit@lpn.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : JUNE 20, 2024
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY : MR PHATSAWUT THOSAKOON
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : JUNE 20, 2024
ANALYTICAL DATE : JUNE 20-27, 2024
ISSUE DATE : JUNE 28, 2024
REPORT NO. : 2024-U058726
WORK NO. : 2024-004868
ANALYSIS NO. : T24AN752-0001 - T24AN752-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 14:45 HOUR 1/ T24AN752-0001	2 14:40 HOUR 1/ T24AN752-0002		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.1 (31°C)	7.6 (33°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND ^c	mg/L	AZIDE MODIFICATION METHOD (SM: PART 5210 B AND PART 4500-O C)	100	103	≤ 30	2.0
SUSPENDED SOLIDS ^a	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	26.4	47.4	≤ 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	380	428	500*	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	< 0.1	≤ 0.5	0.1
SULPHIDE ^c	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ -F)	5.8	< 0.50	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	14.0	10.2	≤ 35	1.5



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT
			1 14:45 HOUR 1/ T24AN752-0001	2 14:40 HOUR 1/ T24AN752-0002		
FAT, OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	5	3	≤ 20	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/TURBID BROWN		

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

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

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

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

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

RESULT 1 : น้ำเสียก่อนการบำบัด

RESULT 2 : น้ำเสียหลังการบำบัด

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.

[^] : CUSTOMER INFORMATION

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

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CONTACT INFORMATION : TEL : 085-0347-144 e-mail : li.narawit@lpn.co.th
SAMPLING SOURCE : -
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : JUNE 20, 2024
SAMPLING TIME : 14:55 HOUR
SAMPLING METHOD ^c : GRAB
SAMPLING BY ^c : MR PHATSAWUT THOSAKOON
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : JUNE 20, 2024
ANALYTICAL DATE : JUNE 20-26, 2024
ISSUE DATE : JUNE 28, 2024
REPORT NO. : 2024-U058727
WORK NO. : 2024-004868
ANALYSIS NO. : T24AN752-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T24AN752-0003	
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	249	25
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -	

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

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

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