



Analysis / Test Report

TESTING
No.0009

Client : Bangkok Phuket Hospital Co., Ltd.
2/1, Hongyok Utis Road, Taladyai, Muang, Phuket Thailand 83000

P/O : 005-4304217105

Project Name : Water Testing : BPK

Project Location :

Lot ID: 2173223

Date Received : Jul 07, 2021

Date Reported : Jul 13, 2021

Report Number : 2022074-1

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Sample Number	2173223-1
Sampled Date	Jul 06, 2021 11:15 AM
Sample Description	น้ำทิ้งหลังออกจากระบบ (น้ำรวม)
Location	บ่อบำบัดน้ำเสียรวม
Date Analysis Commenced	Jul 07, 2021
Condition of Sample	Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Fecal Coliform *	MPN/100mL	-	-	<1.8	No Standard	APHA (2017), 9221 E	Bangkok
Total Coliform *	MPN/100mL	-	-	4.5	No Standard	APHA (2017), 9221 B	Bangkok
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2	2	≤20	Based on APHA (2017), 5210 B	Bangkok
COD	mg/L	1.5	5	75	No Standard	Based on APHA (2017), 5520 C	Bangkok
Oil & Grease	mg/L	-	3	<3	≤20	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C		-	-	5.9	5.0-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Residual Free Chlorine *	mg/L	-	0.1	0.4	No Standard	APHA (2017), 4500-Cl(F)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	<0.1	≤0.5	Based on APHA (2017), 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	<0.5	≤1	Based on APHA (2017), 4500-S2(C), (F)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	696	No Standard	Based on APHA (2017), 2540 C	Bangkok
Total Kjeldahl Nitrogen as N	mg/L	0.15	1.0	3.9	≤35	Based on US EPA, Method 351.2	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	34	≤30	Based on APHA (2017), 2540 D	Bangkok

Guideline : Notification of Ministry of Natural Resources and Environment November, 7, B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type A.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Sampled By : Yuttapong Rattana

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Approved by

Siriluk P.

Siriluk Puengpang
Supervisor

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