



Analysis / Test Report

TESTING
No.0166

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

P/O :

Project Name : Water Testing : BPK

Project Location :

Lot ID: 21139649

Date Received : Jan 05, 2022

Date Reported : Jan 11, 2022

Report Number : 2159504-1

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Sample Number	21139649-1
Sampled Date	Jan 04, 2022 11:00 AM
Sample Description	น้ำทิ้งหลังออกจากกระบ (น้ำรวม)
Location	บ่อบำบัดน้ำเสียรวม
Date Analysis Commenced	Jan 05, 2022
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	Songkhla
Total Coliform	MPN/100mL	-	-	2.0	No Standard	APHA (2017), 9221 B	Songkhla
Water Testing							
BOD *	mg/L	-	2	2	≤20	Based on APHA (2017), 5210 (B), 4500-O (C)	Songkhla
COD	mg/L	-	5	20	No Standard	Based on APHA (2017), 5220 D	Songkhla
Oil & Grease	mg/L	-	3	<3	≤20	Based on APHA (2017), 5520 B	Songkhla
pH at 25 degree C		-	-	7.4	5.0-9.0	Based on APHA (2017), 4500-H (B)	Songkhla
Residual Free Chlorine	mg/L	-	0.1	0.5	No Standard	APHA (2017), 4500-Cl (F)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	<0.1	≤0.5	Based on APHA (2017), 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	<0.5	≤1	Based on APHA (2017), 4500-S2 (C), (F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	600	No Standard	APHA (2017), 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	4.3	≤35	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	<5	≤30	APHA (2017), 2540 D	Songkhla

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.

Note : สารที่ละลายได้ทั้งหมดในน้ำใช้ = 136 มิลลิกรัมต่อลิตร (ALS Lot No. 21139625-1)

Sampled By : Yuttapong Rattana , Thaksin Aintrom

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

Sutthirak T.

Sutthirak Tiprat
Scientist (2)

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