



Analysis / Test Report

TESTING
No.0166

Client : Bangkok Phuket Hospital Co., Ltd.
2/1, Hongyok Utis Road, Taladyai, Muang, Phuket Thailand 83000
P/O : 005-4305119734
Project Name : Water Testing : BPK
Project Location :

Lot ID: 2267887
Date Received : Jun 08, 2022
Date Reported : Jun 24, 2022
Report Number : 2346198-1

Page 1 of 1

Sample Number	2267887-9
Sampled Date	Jun 07, 2022 11:00 AM
Sample Description	น้ำทิ้งหลังออกจากระบบ (น้ำรวม)
Location	ระบบบำบัดน้ำเสีย - ท่อน้ำทิ้ง
Date Analysis Commenced	Jun 08, 2022
Condition of Sample	Contained in one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
<i>Escherichia coli</i>	MPN/100mL	-	-	<1.8	No Standard	APHA (2017), 9221 F	Songkhla
Fecal Coliform	MPN/100mL	-	-	<1.8	No Standard	APHA (2017), 9221 E	Songkhla
Total Coliform	MPN/100mL	-	-	<1.8	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 Soluble *	mg/L	-	5	21	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		-	-	7.2	5.0-9.0	Based on APHA (2017), 4500-H (B)	Songkhla
Residual Chlorine *	mg/L	-	0.1	0.3	No Standard	Based on APHA (2017), 4500-Cl (G)	Bangkok
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	512	No Standard	APHA (2017), 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	<1.0	≤35	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	6	≤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 = 180 มิลลิกรัมต่อลิตร

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

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