



## 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: 2173218**

Date Received : Jul 07, 2021

Date Reported : Jul 13, 2021

Report Number : 2022066-1

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<b>Sample Number</b>	2173218-1
<b>Sampled Date</b>	Jul 06, 2021 11:25 AM
<b>Sample Description</b>	น้ำเสียก่อนเข้าระบบบำบัด (น้ำรวม)
<b>Location</b>	บ่อบำบัดน้ำเสียรวม
<b>Date Analysis Commenced</b>	Jul 08, 2021
<b>Condition of Sample</b>	Contained in one amber glass bottle and four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 degree C)	mg/L	-	2	63	≤20	Based on APHA (2017), 5210 B	Bangkok
COD	mg/L	1.5	5	196	No Standard	Based on APHA (2017), 5520 C	Bangkok
Oil & Grease	mg/L	-	3	4	≤20	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C		-	-	7.3	5.0-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	0.1	≤0.5	Based on APHA (2017), 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	2.4	≤1	Based on APHA (2017), 4500-S2(C), (F)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	628	No Standard	Based on APHA (2017), 2540 C	Bangkok
Total Kjeldahl Nitrogen as N	mg/L	0.15	1.0	56.4	≤35	Based on US EPA, Method 351.2	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	52	≤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.

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Approved by

Siriluk P.

Siriluk Puengpang  
Supervisor