

Name of Laboratory : Environmental Laboratory, Environmental Analysis Center,
Pollution Control Department

Address : 92 Soi Phahon Yothin 7, Phahon Yothin Road,
Phayathai, Bangkok 10400

Accreditation Number : Testing – 0006

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Initial Issue Date : 10th January 2006

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Standard : ISO/IEC 17025:2017

Reference No. : 0303/2049

Scope of Laboratory Accreditation

Laboratory Name : Environmental Laboratory, Environmental Analysis Center,
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Accreditation Number : Testing - 0006

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Water	<ul style="list-style-type: none"> - Total hardness (Calculated as CaCO₃) 5 mg/L to 5 000 mg/L - Total suspended solids dried from 103 °C to 105 °C 5 mg/L to 100 mg/L - Total solids dried from 103 °C to 105 °C 100 mg/L to 3 000 mg/L 	<p>Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2340 C</p> <p>Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 D</p> <p>Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 B</p>

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2	Rain water	- pH 4.00 to 7.00	In – house method : STM -07-08 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th ed., 2023, part 4500-H ⁺ B
3	Wastewater	- BOD 10 mg/L to 1 900 mg/L - COD 40 mg/L to 400 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th ed., 2023, part 5210 B, part 4500-O G Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th ed., 2023, part 5220 C

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3 (cont.)	Wastewater	- Total suspended solids dried from 103 °C to 105 °C 10 mg/L to 1 000 mg/L - Total dissolved solids dried at 180 °C 100 mg/L to 6 000 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th ed., 2023, part 2540 D Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th ed., 2023, part 2540 C

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4	Ambient air	- Total suspended particulate 0.03 g/filter to 0.7 g/filter	United States Environmental Protection Agency, Code of Federal Regulations, 40 CFR, part 50, Appendix B, revised as of July 1, 2011 (exclude sampling)

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