


Schedule

Issue date: 26 March 2025
Valid Until: -



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LABORATORY LOCATION/ CENTRAL OFFICE:	PBA Central Laboratory, Perbadanan Bekalan Air Pulau Pinang Sdn Bhd Sungai Dua Treatment Plant Sungai Dua, Butterworth, 13800 Seberang Perai, Pulau Pinang , 13800, PULAU PINANG MALAYSIA
	
ACCREDITED SINCE :	26 MARCH 2025
FIELD(S) OF TESTING:	CHEMICAL

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

CENTRAL LOCATION:	PBA Central Laboratory, Perbadanan Bekalan Air Pulau Pinang Sdn Bhd Sungai Dua Treatment Plant Sungai Dua, Butterworth, 13800 Seberang Perai, Pulau Pinang , 13800, Pulau Pinang
FIELD(S) OF TESTING :	CHEMICAL,

SCOPE OF TESTING : CHEMICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Raw Water / Treated	Total Suspended Solids (TSS)	APHA 2540 D, 21st Edition, 2005
Raw Water / Treated Water	True Colour	APHA 2120 C, 21 st Edition, 2005
	Free Chlorine	HACH Method 8021, Edition, 2014
	Total Chlorine	HACH Method 8167, Edition, 2022
	Fluoride	HACH Method 8029, 10 th Edition, 2018
	Aluminum	HACH Method 8012, 11 th Edition, 2018
	Iron	HACH Method 8008, Edition, 2014
	Conductivity	HACH Method 8160, Edition, 2021
	Alkalinity	HACH Method 8221, Edition, 2015
	Dissolved Oxygen	HACH Method 8157, Edition, 2021

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Raw Water / Treated Water / Effluent Water	Hardness	HACH Method 8226, Edition, 2021
	Biochemical Oxygen Demand (BODs)	APHA 5210 B, Edition, 2005
	Temperature (°C)	APHA 2550 B, 21st Edition, 2005
	Iron (Fe)	APHA 3120 B, 21st ed, 2005
	Aluminium (Al)	APHA 3120 B, 21st ed, 2005
	Free Chlorine	HACH Method 8021, 9th Edition, 2014
	Biochemical Oxygen Demand	APHA 5210 B, 21st Edition, 2005
	Chemical Oxygen Demand (COD)	HACH Method 8000, 10th Edition, 2014
	Total Suspended Solids (TSS)	APHA 2540 D, 21st Edition, 2005
	Temperature (°C)	APHA 2550 B, 21st Edition, 2005
Raw Water/ Treated	pH	APHA 4500H+B, 21° Edition, 2005
Water (continued)	Ammoniacal Nitrogen (NH3-N)	HACH Method 8038, 9th Edition, 2017
	Manganese (Mn)	HACH Method 8149, Edition, 2017
	Chemical Oxygen Demand	HACH Method 8000, 10th Edition, 2014
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
Water/ Settle Water	Turbidity	APHA 2130 B, 21st Edition, 2005

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