Cavite Water and Wastewater Testing Center CWWTL

CWWTL is a service laboratory equipped to perform rapid tests on water and wastewater. It has the capability to determine the physical, chemical and microbiological properties and quality of water and wastewater or effluents. The tests procedures being used are in accordance with the international standard methods.

CWWTL has recently recieved ISO 17025 Accreditation from Phillipine Accreditation Office (PAO). It is also a DENR-Recognized Environmental Laboratory and DOH Accredited Water Testing Laboratory.

Quality Policy

The Cavite Water and Wastewater Testing Laboratory (CWWTL) is committed to render services of high quality and provide accurate and reliable test results to our customers. To achieve these, the established management system ensures that resources are sufficiently provided, environmental conditions are optimized, and testing equipment are properly maintained and calibrated while promoting personnel competence and safe working environment. For further improvement and for compliance with ISO/IEC 17025, familiarity with the management system is a mandatory requirement for all laboratory personnel.

Cavite Water and Wastewater Testing Center
Provincial Science and Technology Center-Cavite
Cavite Provincial Capitol Compound, Luciano, Trece Martirez, City
Telefax : (046) 419-2533. 419-2085

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Schedule of Fees
Effective: March 3, 2008

Test	Method	Fee (P)
Water and Wastewater		
Physical		
Turbidity	Photometric	150
Total dissolved solids	Gravimetric, APHA 2540 C.	330
Total solids	Gravimetric, APHA 2540 B.	320
Total suspended solids	Gravimetric, APHA 2540 D.	350
Settleable solids	Volumetric, APHA 2540 F.	250
Color	Photometric	150
Chemical		
Acidity	Titrimetric, APHA 2310 B.	210
Alkalinity	Titrimetric, APHA 2320 B	210
Ammonia	Photometric	450
Biological Oxygen Demand (BOD)	Azide Modification, APHA 5210 B.	860
Cadmium	Photometric	1230
	AAS (minimum of 5 samples)	800
Chemical Oxygen Demand (COD)	Closed Reflux, Photometric	980
Chloride	Argentometric, APHA 4500-Cl- B.	660
Chlorine (residual)	Iodometric II, APHA 4500-Cl C.	330
Chromium (hexavalent)	Photometric	500
Copper	Photometric	400
Cyanide	Photometric	470
Dissolved Oxygen (DO)	Azide Modification, APHA 4500-O C.	300
Hardness	EDTA Titrimetric, APHA 2340 C.	390
Iron	Photometric	435
Lead	Photometric	1230
	AAS	800
Nitrate	Photometric	1000
Nitrogen - Total	Photometric	1580
Oil & Grease	Partition-Gravimetric, APHA 5520 B.	550
pH	Electrometric	150
Phenols	Photometric	1710
Phosphorus (dissolved)	Photometric	350
Silica	Photometric	445
Sulfate	Turbidimetric, APHA 4500-SO_4^{2-} E.	360
Surfactant	Photometric	1570
Microbiological *(for Drinking Water)*		
Fungi Count	Pour Plate, APHA 9610 B.	420
Heterotrophic Plate Count	Pour Plate, APHA 9215 B.	420
Fecal Streptococci	Multiple-Tube Fermentation, APHA 9230 B.	600
Total Coliform	Multiple-Tube Fermentation, APHA 9221 B.	400
Fecal Coliform	Multiple-Tube Fermentation, APHA 9221 E.	400
Potability (Coliform & Fecal Coliform)		500
Bacteriological (Potability+HPC)		920
Microbiological *(for Wastewater)*		
Total Coliform Count	Multiple-tube Fermentation, APHA 9221 B.	520
Fecal Coliform Count	Multiple-tube Fermentation, APHA 9221 E.	520

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