



PALAWAN COUNCIL FOR SUSTAINABLE DEVELOPMENT STAFF

PCSD ENVIRONMENTAL LABORATORY

Telefax No. (048) 4344324 Email: envilab@pcsd.ph

LABORATORY FEES

Table 1. Standard Methods of Analysis for Water and Wastewater (DENR AO 63)

PARAMETER	LAB FEE,Php	METHOD OF ANALYSIS
BIOCHEMICAL OXYGEN DEMAND (BOD ₅)	810	Azide Modification (Dilution Technique)
CHROMIUM (Hexavalent)	420	Diphenyl Carbazide Colorimetric Method
CHEMICAL OXYGEN DEMAND (COD)	810	Open Reflux, Closed Reflux/ Titration
COLOR	240	Visual Comparison Method (Platinum Cobalt Scale)
CYANIDE	810	Distillation/Specific Ion Electrode
DISSOLVED OXYGEN	180	Azide Modification (Winkler Method), Membrane Electrode (DO meter)
FECAL COLIFORMS	540	Multiple-Tube Fermentation Technique or Membrane Filter Technique
OIL AND GREASE	810	Gravimetric Method (Petroleum Ether Extraction)
pH	140	Glass Electrode Method
TEMPERATURE	90	Use of Mercury-Filled Thermometer
TOTAL COLIFORMS	540	Multiple-Tube Fermentation Technique or Membrane Filter Technique
TOTAL SUSPENDED SOLIDS	420	Gravimetric Method at 103 – 105°C
TOTAL DISSOLVED SOLIDS	420	Gravimetric Method at 180°C
SETTLABLE SOLIDS	120	Imhoff Cone

Table 2. Other Methods of Analysis

PARAMETER	LAB FEE, Php	METHOD OF ANALYSIS
ALKALINITY, Phenolphthalein/Total	300	Titration
HARDNESS, TOTAL(Ca & Mg)	300	EDTA Titration
NITROGEN – NITRITE	300	Colorimetric
NITROGEN – NITRATES	300	Colorimetric
PHOSPHORUS – PHOSPHATES	300	Colorimetric
SALINITY	140	Hand Refractometer
TURBIDITY	140	Colorimetric