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Reading and Interpreting Your Lab Report

Your lab report may look confusing at first, but this sheet will help you understand it:

First, look at the “**Result**” column and compare the numbers against the chart below.

You may see “<” or “**less than**” or “**ND**” or “**Non-detect**” marker in front of the result. This is a **good sign** and it means that there was not enough lead in the sample to be detected above the lab’s detection limits.

Next, you’ll need to make sure your “**Units**” are the same as the as the table to the right. If the units on your report is listed as **mg/L** (milligrams per liter), you can go refer to the **mg/L** column of the table on the right and compare results. If your lab report reads **µg/L** (micrograms per liter), you will refer to that column of the table.

RESULTS OF CHEMICAL ANALYSIS						
Billing ID: School District X1A Lead Results				Account ID #: PWSID #:		
Lab # 3223 Sample ID R21123221				Collected: 8/15/19 Time: 6:00 By: Resident Received Date: 8/15/19 11:17		
DS001				Sample Type: RT Matrix: Water Compliance: Y		
				Report Date: 08/22/2019 Print Date: 08/22/2019		
TEST	FLAG	RESULT	UNITS	**EPA Drinking Water Limit	ANALYSIS DATE	METHOD
Metals by EPA 200.8 Lead	<	0.0009	mg/L	0.015	08/21/2019	200.8

Bin Placement	If Units reported as mg/L	If Units reported as µg/L
Bin 1	Above 0.015	Above 15
Bin 2	Between 0.005 - 0.015	Between 5 - 15
Bin 3	Below 0.005 (including ND)	Below 5 (including ND)