



# How to Interpret Your Results



COLLEGE OF AGRICULTURE & LIFE SCIENCES  
Soil, Water and  
Environmental Science



**Ramirez-Andreotta**  
Integrated Environmental Science  
& Health Risk Laboratory



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MEL AND ENID ZUCKERMAN  
COLLEGE OF  
PUBLIC HEALTH

# How to Understand the Online Interface

Your data is organized by year, sampling season, location, and sample type.

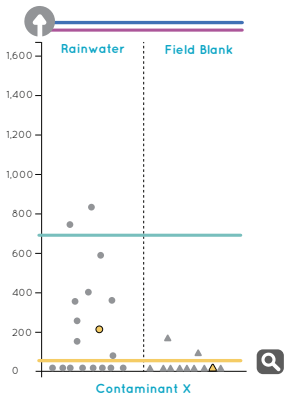
Select what you would like to see.

Year:  Sampling Season:  Location:  Sample Type:

Title shows the contaminant type that you are viewing.

**Title**  

Icon 1 = sample type  
Icon 2 = sampling period

<h3>Graph</h3>  <p>Contaminant X</p>	<h3>Text</h3> <p>What is Contaminant X? What happens when Contaminant X enters the environment? How can Contaminant X affect my health?</p> <p>Total Number of Samples:</p> <p><a href="#">Encyclopedia</a></p>	<h3>Key</h3> <ul style="list-style-type: none"><li>Standard (blue line)</li><li>Standard (purple line)</li><li>Standard (pink line)</li><li>Limit of Detection (yellow line)</li><li>Water Sample (gray circle)</li><li>Field Blank (gray triangle)</li><li>Your Samples (yellow circle and triangle)</li><li>Standards are higher than data shown (upward arrow icon)</li></ul> <p>Other samples in your community (green and orange symbols)</p>
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The **graph** highlights your values and compares them other Project Harvest participants as well as regulatory standards and/or reference values. **How to read your graph** is on the next page.

The **text** describes the contaminant shown in the graph to the left.

[Encyclopedia](#)

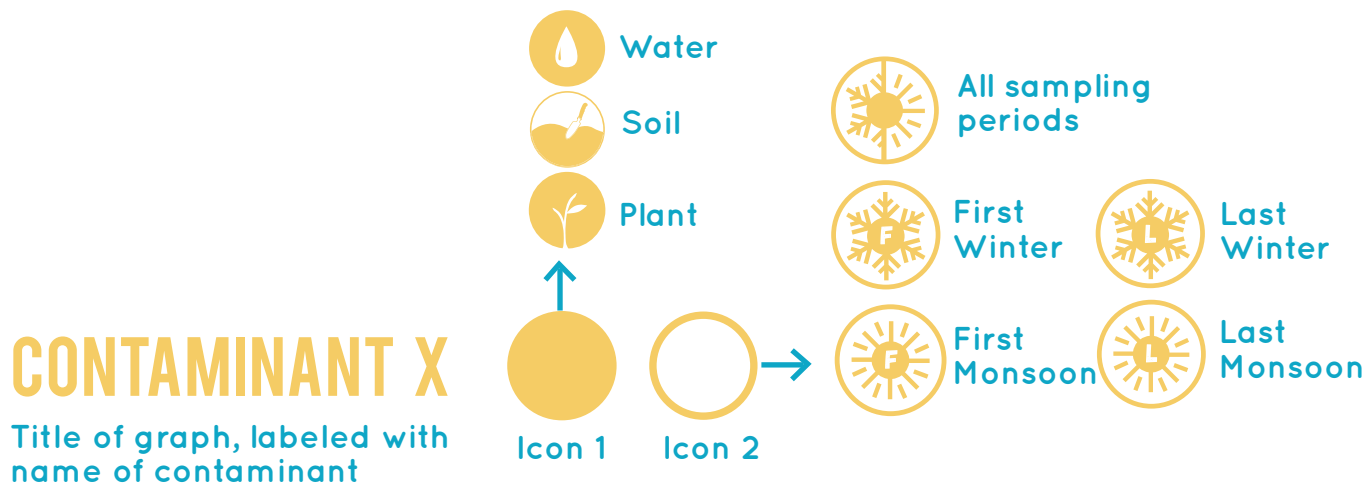
Clicking this button will take you to the encyclopedia of Project Harvest contaminants and standards.

The **key** allows you to select the standards shown on the graph based on how you use your water. Your individual sample is highlighted in color. Other participant samples are gray. Standards are described on page 3.

#### Other features:

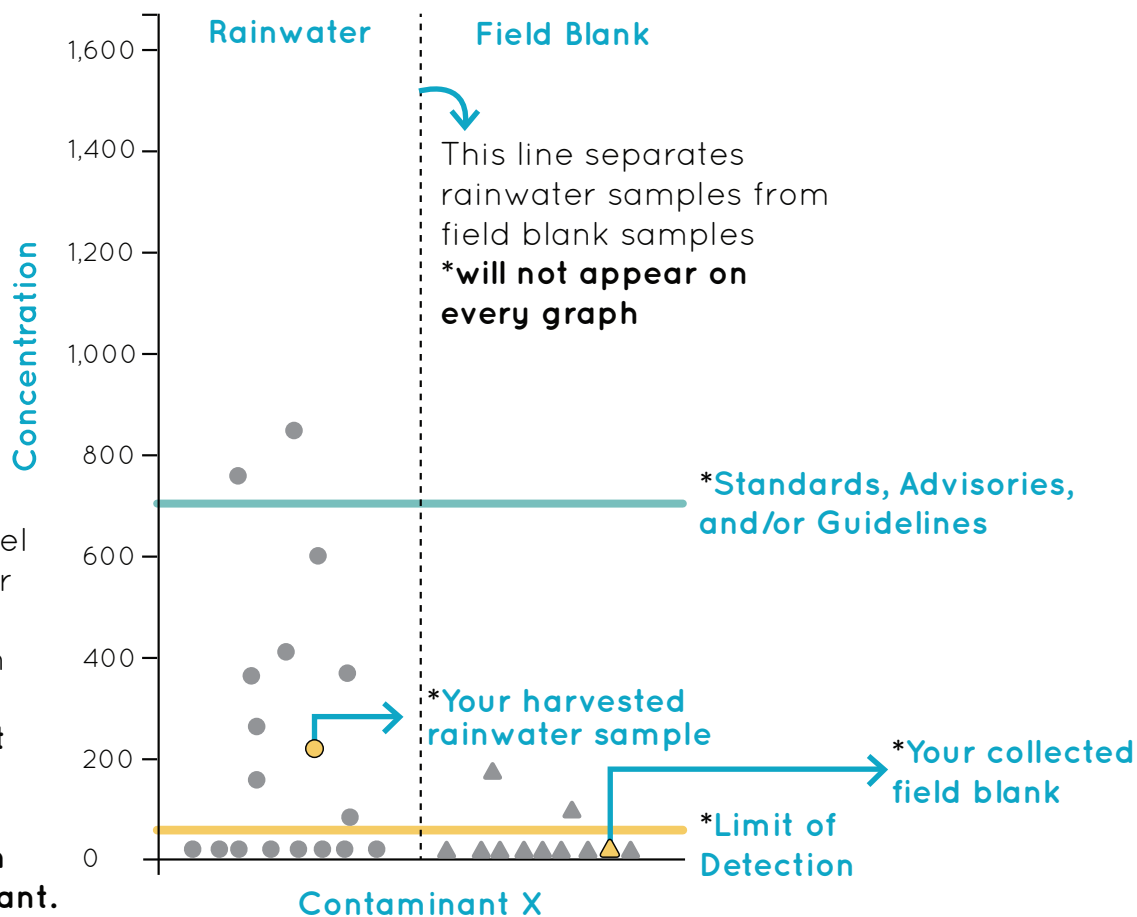
When you hover over certain parts of the interface, definitions will appear.

# How to Read the Graph



Sample concentrations are below these standards, guidelines, and/or advisories

**\*will change based on contaminant**



The **Y-Axis** shows the level of chemical or microbial concentration  
**\*The unit of measurement and scale will change depending on the contaminant.**

The **X-Axis** is labeled with the name of the contaminant.

# How do you use your water?

Look for the corresponding standard, advisory, and/or guideline on the graph to see if your rainwater sample is below or above the value, represented by a colored line.



Drinking Water Standard



Agricultural Irrigation Standard



Surface Water - Partial Body Standard



Surface Water - Full Body Standard



Livestock and Poultry Standard



Non-potable Indoor Use of Harvested Rainwater Guideline








World Health Organization Drinking Water Quality Guideline



Lifetime Health Advisory

## Key

-  USDA Agricultural Irrigation Standard
-  USEPA Primary Drinking Water Standard
-  USEPA Non-potable Indoor Use of Harvested Rainwater Guideline
-  ADEQ Surface Water - Partial Body Contact Standard
-  ADEQ Surface Water - Full Body Contact Standard
-  USEPA Lifetime Health Advisory
-  Livestock and Poultry Standard
-  WHO Drinking Water Quality Guideline
-  Limit of Detection 

-  Water Sample  Other samples in your community
-  Field Blank 

-  Your samples  



Sample concentrations are below these standards, guidelines, and/or advisories

The key shows you which standards are shown on the graph. Depending on which graph you are viewing, different standards may be shown in the key.

The key also shows the Limit of Detection and your individual sample, which is highlighted in the color of the methodology.

In this example, it is highlighted with a yellow color that represents **Inorganic**. Other colors that are represented are orange for **Organic** and green for **Microbial**. It also shows what other samples in your community look like.

Not all standards, advisories, and/or guidelines are shown in example.