How to Interpret Your Results

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.
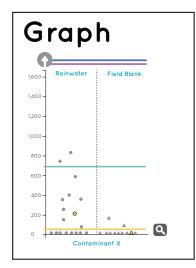
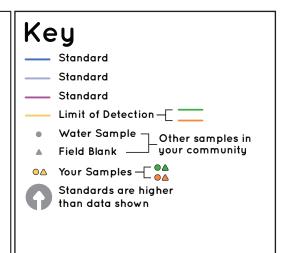Year: [____]   Sampling Season: [____]   Location: [____]   Sample Type: [____]

Title shows the contaminant type that you are viewing.

| Title ⊗ ⊗ |

Icon 1 = sample type
Icon 2 = sampling period

Graph

Text

What is Contaminant X?

What happens when Contaminant X enters the environment?

How can Contaminant X affect my health?

Total Number of Samples:

[Encyclopedia]

Key

— Standard
— Standard
— Standard
— Limit of Detection
● Water Sample
▲ Field Blank
} Other samples in your community
○▲ Your Samples
↑ Standards are higher than data shown

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.

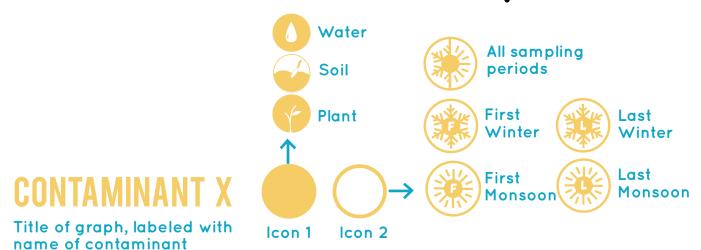The **text** describes the contaminant shown in the graph to the left.

[Encyclopedia]

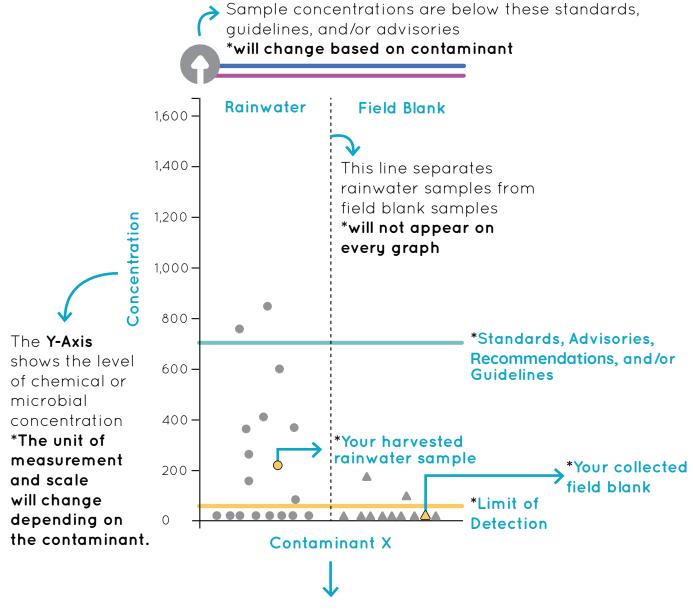Clicking this button will take you to the encyclopedia of Project Harvest contaminants and standards.

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

Water

Soil

Plant

All sampling periods

First Winter

Last Winter

CONTAMINANT X

Title of graph, labeled with name of contaminant

Icon 1   Icon 2

First Monsoon

Last Monsoon

Sample concentrations are below these standards, guidelines, and/or advisories
*will change based on contaminant

Rainwater   Field Blank

1,600

1,400

This line separates rainwater samples from field blank samples
*will not appear on every graph

1,200

1,000

Concentration

800

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

*Standards, Advisories, Recommendations, and/or Guidelines

600

400

*Your harvested rainwater sample

200

*Your collected field blank

*Limit of Detection

0

Contaminant X

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

How do you use your water?

Look for the corresponding standard, advisory, recommendation, 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

USDA Irrigation Water Recommended Maximum Concentration

Surface Water - Partial Body Standard

Surface Water - Full Body Standard

USDA Livestock and Poultry Drinking Water Recommended Upper Limit

Non-potable Indoor Use of Harvested Rainwater Guideline

World Health Organization Drinking Water Quality Guideline

Lifetime Health Advisory

Key

— USDA Irrigation Water Recommendation

— 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 Recommendation

— WHO Drinking Water Quality Guideline

— Limit of Detection

● Water Sample

▲ Field Blank

Other samples in your community

◐△ 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.