



# Guide For Checking Station's Coordinates

## Regulation 85 Nutrient Monitoring

A NUMBER OF FACILITIES THAT SUBMITTED 2013 NUTRIENT MONITORING DATA PROVIDED INCORRECT COORDINATES. DIVISION HAS POSTED A LIST OF FACILITIES WHERE THE COORDINATES FOR THE PROVIDED LOCATION ARE QUESTIONABLE. INSTRUCTIONS BELOW DESCRIBE HOW ONE CAN CHECK THE COORDINATES RECORDED FOR A GIVEN STATION, HOW TO IDENTIFY CORRECT COORDINATES, AND HOW TO PROVIDE CORRECTED INFORMATION BACK TO THE DIVISION.

### General Instructions

1. Open the following document to check if your permit has stations with questioned coordinates:  
[https://www.colorado.gov/pacific/sites/default/files/List\\_Questioned\\_Locations\\_2013Data.pdf](https://www.colorado.gov/pacific/sites/default/files/List_Questioned_Locations_2013Data.pdf)
2. Locate your Permit ID in column A in the list of facilities to identify which stations have been recorded for your facility. If your permit number is not listed, you do not need to do anything further.
3. Note Coordinates provided for each station. Use the method below, or any other familiar method, to identify correct coordinates for each station listed for your facility.
4. **Note:** Coordinates are required to be reported in decimal degrees.
5. Email corrected coordinates in decimal degrees for your stations to [cdphe\\_nutrient@state.co.us](mailto:cdphe_nutrient@state.co.us). Please title the subject of your email as "Correct coordinates for permit # '*your permit number*'" (e.g. Correct coordinates for permit # COXXXXX01). In the email text, please specify your permit ID (Found in column A), and each station ID (Found in column B) with corrected coordinates.
6. Make sure to use the correct coordinates in your 2014 nutrient monitoring data report.

## Process to Check Coordinates

1. Go to <http://www.waterqualitydata.us/portal.jsp>

The screenshot shows the NWQMC WQP portal interface. The 'LOCATION' section includes filters for Country, State, and County. The 'SITE PARAMETERS' section is circled in red and contains fields for Site Type, Organization ID, Site ID, and HUC. The 'SAMPLING PARAMETERS' section includes Sample Media, Characteristic Group, Characteristics, and Parameter Code. Red arrows point to the Organization ID, Site ID, and HUC fields.

2. Scroll down to the section called "Site Parameters"
3. Enter: "21COL001\_WQX" for Organization ID
4. Locate your permit ID in column A and Station ID in column B of the [provided list](#). For each station locate STORET Search ID in the last column (Column F) of the provided list. Copy the STORET Search ID for the station you are trying to look up from the table and enter the Search ID into the "Site ID" field.

	A	B	C	D	E	F
1	Permit	Station ID	Provided Longitude	Provided Latitude	Description	STORET Search ID
2	CO0000001	CO0000001-001A	-105.286	39.544	Wastewater Treatment Plant Effluent	21COL001_WQX-CO0000001-001A
3	CO0000012	CO0000012-001A	-108.35272	39.100112	Wastewater Treatment Plant Effluent	21COL001_WQX-CO0000012-001A

5. Leave all other fields unchanged and click "Show sites on map"

**SITE PARAMETERS**

Site Type: All ?

Organization ID: \* 21COL001\_WQX ?

Site ID: 21COL001\_WQX-CO0000001-001A ?

HUC: ?

**DATA SOURCE**

Select database: All

Show sites on map

6. You will get a status window that should look like the image on the right. If the status window says that the site has not been found, please re-enter the Site ID and make sure it matches the ID listed in the provided list of stations.

7. Click Continue

**Map Sites Status**

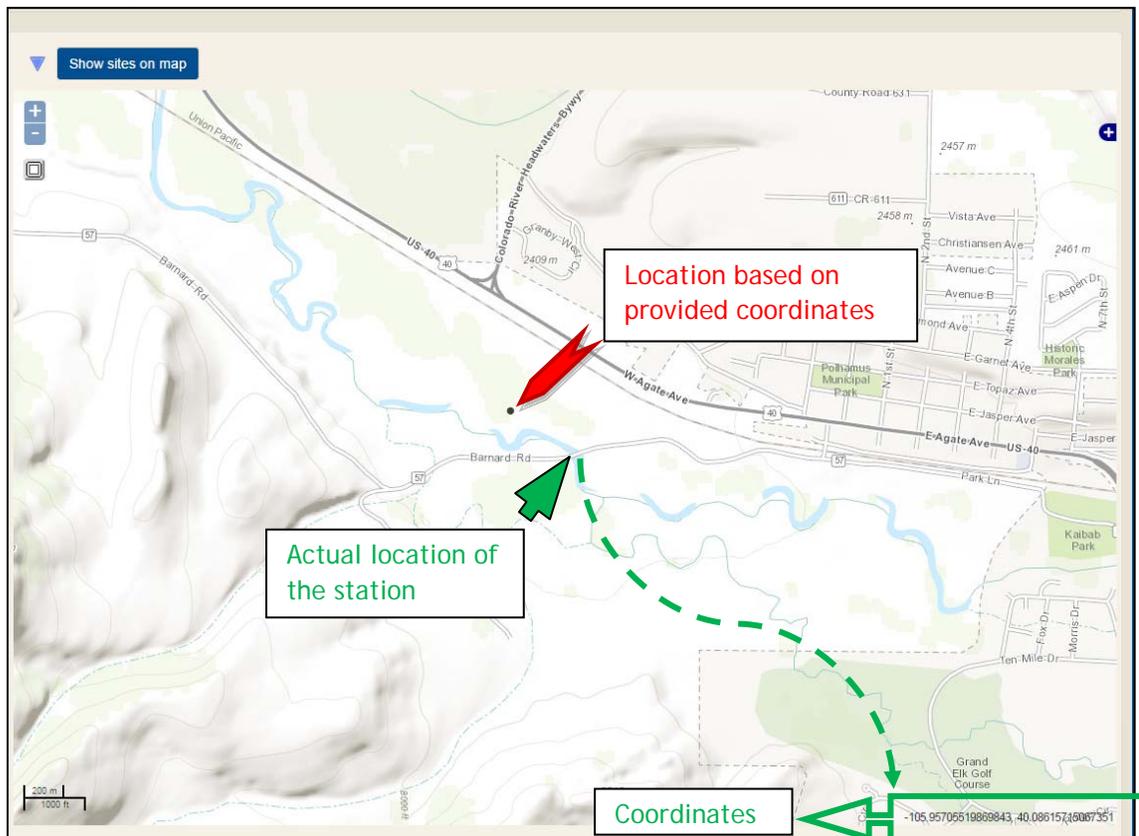
Your query will return 1:  
From NWIS: 0  
From STEWARDS: 0  
From STORET: 1  
Click Continue to map the sites

Cancel Continue

- Scroll down to view the map. You will see a black dot on the map. Zoom in to see its location. To zoom in you can use either the scroll button on the mouse or +/- controls at the top left corner of the screen.



- Once you are zoomed in far enough to see features on the map surrounding the black dot, check where the point is currently showing based on the provided coordinates (red arrow below). If the point needs to be moved to another location on the map, place your cursor on the correct location on the map (example shown in green arrow below) and write down coordinates that show up in the bottom right corner of the screen (green box below: first number represents longitude and second number represents latitude).



10. Email corrected coordinates for your stations to [cdphe\\_nutrient@state.co.us](mailto:cdphe_nutrient@state.co.us). Please title the subject of your email as "Correct coordinates for permit # '*your permit number*'" (e.g. Correct coordinates for permit # COXXXXX01). In the email text, please specify your permit ID (Found in column A), and each station ID (Found in column B) with corrected coordinates.

## ***Need Help?***

If you have questions, please contact [cdphe\\_nutrient@state.co.us](mailto:cdphe_nutrient@state.co.us)