

**Source Water Discovery**  
**Using the Source Water Assessment (SWA) Online Tool**

Public Water System #: \_\_\_\_\_  
 Source Name: \_\_\_\_\_  
 County: \_\_\_\_\_

**This PWS is within which Aquifer?**

Treasure Valley	
Eastern Snake River Plain	
Lewiston Basin	
Rathdrum Prairie	

**Getting Started:**

1. Log into Online SWA Tool.
2. Enter the PWS number and select “Search.”
3. Select “Dynamic Map.”

**Exploring the SWA:**

1. Using the Legend, identify the number of “Time of Travel” (TOT) zones:

Time of Travel (TOT) Zone	Present (Yes or No)
0-3 year TOT	
3-6 year TOT	
6-10 year TOT	

2. Which direction is ground water flowing? (Hint: Use TOT zones.):

\_\_\_\_\_

3. Describe the shape of the delineation and what that could mean about the aquifer:

4. Is this source (well or delineation) located within a Nitrate Priority Area? (Hint: Use “Layers” tab to turn on the Nitrate Priority Area GIS coverage.)

Yes

No

5. What is the predominant Land Use for each TOT? List below (Hint: Use “Layers” tab and the “Legend” tab.):

Time of Travel (TOT) Zone	Land Use
0-3 year TOT	
3-6 year TOT	
6-10 year TOT	

6. Using the “Zoom in” tool, zoom in to the “0-3 year TOT”. List all Potential Contaminant Sources within the 0-3 TOT. (Hint: Use the “Potential Contaminant Inventory Locations” section of the “Legend” tab.) You can use the Potential Contaminant Inventory link in the Online SWA tool to compare findings from the Dynamic Map.

1.	
2.	
3.	

7. a. Identify the closest potential contaminant to the source. Using the “Identify” tool and the “PCI Location” tab, identify the following information:

ID	Facility (Name)	Type (of Facility)	Source (of data)	Contaminant(s)

- b. Using the “Hotlink,” describe this source of contamination: \_\_\_\_\_

\_\_\_\_\_

8. Roads, surface water bodies, railroads can be potential sources of contamination to a source. Are there any of these potential contaminants within the TOT zones? If yes, list below:

Time of Travel (TOT) Zone	Present (Yes or No) – indicate which contaminant
0-3 year TOT	
3-6 year TOT	
6-10 year TOT	

9. Using the Summary Report in the Online SWA, identify the final Susceptibility Scores for this source.

System Construction	Potential Contaminant Inventory/Land Use				Hydrologic Sensitivity	Final Susceptibility Ranking			
	IOC	VOC	SOC	Microbials		IOC	VOC	SOC	Microbials

10. If the source has any “Auto High” ratings for its final ranking, select “Click for Details” in the Susceptibility Table and describe what led to the automatic high susceptibility score. (Hint: Is it a source or a detected contaminant?)

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