



Preliminary Assessment Form

Groundwater Under the Direct Influence of Surface Water

PWS Name:

PWSID #:

County:

Date:

Source ID:

Source Name:

GWIC #:

1. Type of subsurface water source.

Points:

Well (0): Horizontal Well (includes infiltration galleries) (40): Spring (40):

2. History or suspected outbreak of *Giardia* or other pathogenic organisms associated with surface water with the current system configuration.

No (0): Yes (40):

3. Number of *E. coli* positive distribution samples in the last three years.

None (0): One (5): Two or more (10):

4. Number of *E. coli* positive source samples in the last three years.

None (0): One (20): Two or more (30):

5. Number of DEQ-verified complaints about turbidity.

None (0): One or more (5):

6. Hydrogeological Features: horizontal distance between source and the closest surface water.

> 250 ft (0): 175-250 ft (10): 100-174 ft (20): <100 ft (40):

7. Does the well construction meet all three criteria? The well is 1) cased to at least the top of the water bearing unit; 2) annular seal extends from ground level to a minimum of 25 feet in depth; and 3) the borehole diameter is at least 3 inches greater than the casing outside diameter from ground level to 25 depth.

Yes (0): No (15): Unknown (15):

8. Well intake construction: depth below ground surface to the top of the well screen or open bottom casing.

> 100 ft (0): 50-100 ft (5): 25-49 ft (10): 0-24 ft (15): Unknown (15):

9. Static water level depth below ground surface.

> 100 ft (0): 50-100 ft (5): 25-49 ft (10): 0-24 ft (15): Unknown (15):

Total PA score: _____

Score is less than 40 points. Source is likely ground water.

Score is 40 points or greater. Source must undergo further analysis.

Form Completed By:

Affiliation

Source Location:

Latitude: ° (digital degrees)

Longitude: ° (digital degrees)

Comments:

When submitting the PA form please also include the (1) well log, (2) a map of source and nearest surface water, and (3) photos showing source construction details and the topography around the source. Please include supporting or relevant documentation.