

Path: H:\GIS_CloudProjects\BNSF\Montana\Livingston\Events\20210126_ASSVE_Eval_Report\Fig26_AlluvialAquiferPCE_2016_2020.mxd ©2021 Kennedy Jenks Consultants

Coordinate System: NAD 1983 StatePlane Montana FIPS 2500 Feet Projection: Lambert Conformal Conic Datum: North American 1983

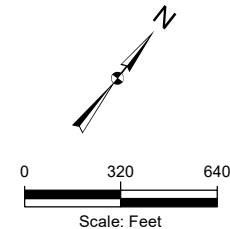
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend

- ◆ Well Location
- 2020 Estimated Isoconcentration Contour for the PCE Cleanup Level per the Record of Decision (5 ug/L)
- 2016 Estimated Isoconcentration Contour for the PCE Cleanup Level per the Record of Decision (5 ug/L)

Notes:

1. The isoconcentration contours shown on this drawing are intended to provide a generalized representation of potential site conditions at any given time during the period during which data used to generate the map were acquired. The actual distribution of chemical concentrations in groundwater cannot be accurately depicted using two-dimensional contouring and estimation methods such as those used to prepare this drawing. This drawing is intended to serve only as a generalized or idealized representation of site conditions to assist the viewer in visualizing site conditions. The contours do not represent any particular statistical certainty of the presence or absence of detectable chemical concentrations in groundwater at the locations shown, nor is any warranty or guaranty, expressed or implied, made by Kennedy/Jenks Consultants or BNSF with respect to the accuracy of this drawing.
2. All locations are approximate.
3. Isoconcentration contours dashed where inferred.
4. ug/L = micrograms per liter
5. DEQ Estimated Isoconcentration Contour for the DEQ-7 Standard Required Method Reporting Limit for PCE (ug/L) prepared by CDM Smith and posted to DEQ's website.



Burlington Northern Livingston Shop Complex
Livingston, Montana

**Alluvial Aquifer - Tetrachloroethene (PCE)
Concentrations and Distribution
June 2016 - June 2020**

1996116*02
August 2021

Figure 26