

ft | m
 0 ft | 0.0 m
 0.1 m
 0.2 m
 1 ft | 0.3 m
 0.4 m
 0.5 m
 0.6 m
 2 ft | 0.6 m
 0.7 m
 0.8 m
 0.9 m
 3 ft | 0.9 m
 1.0 m
 1.1 m
 1.2 m
 4 ft | 1.2 m
 1.3 m
 1.4 m
 1.5 m
 5 ft | 1.5 m
 1.6 m
 1.7 m



OIL CREEK WATER SURFACE

OIL CREEK STREAM BED

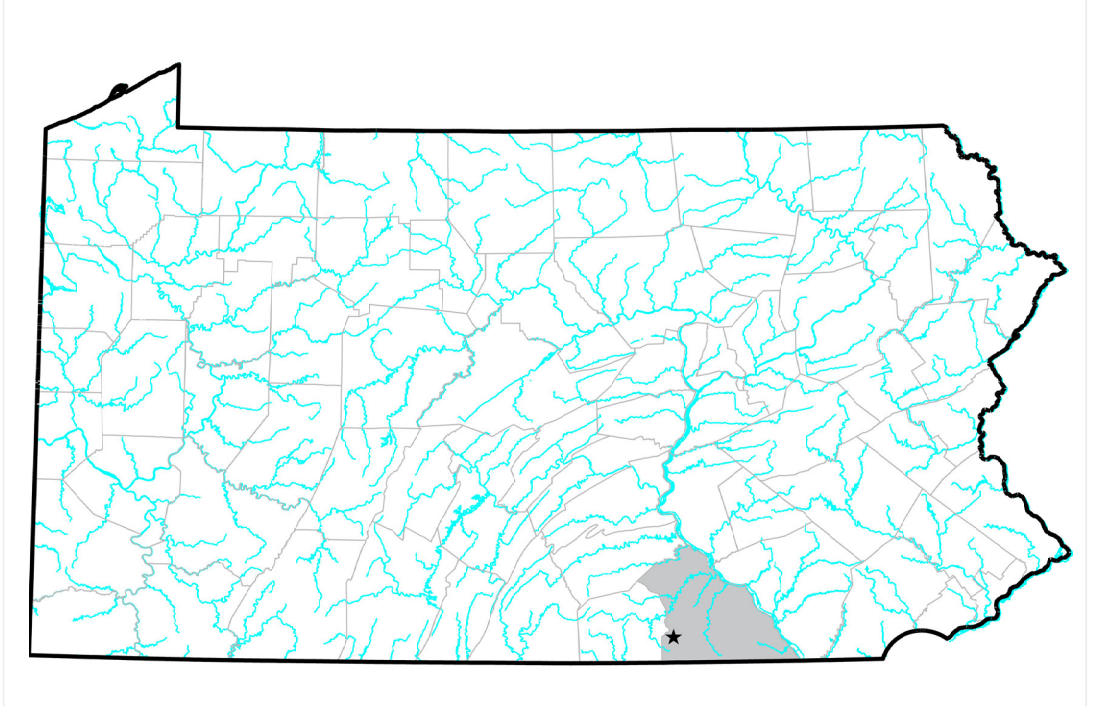


Existing Conditions

Oil Creek Trench 3

SOIL MONOLITH LEGACY SEDIMENT PROFILE

York County, Pennsylvania
 Watershed Area: 10 square miles
 Latitude: 39° 49' 42" N
 Longitude: 76° 56' 03" W
 March 29, 2022



Legacy Sediment
 AD 1700's to Present



Historical Conditions

AD 1690 - 1920,

Historical Floodplain
 9,000 BC to AD 1700's

Basal Gravels
 older than 9,000 BC

¹110 °C age BP (±15) PSUAMS #11173
²1695 °C age BP (±10) PSUAMS #11174
 All results have been corrected for isotopic fractionation according to the conventions of Stuiver and Polach (1977), with δ13C values measured on prepared graphite using the AMS. Conversion of the conventional ages to calendar years was done by calibrating with the IntCal20 northern hemisphere calibration curve in OxCal-4.4.4.

