DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF ACTIVE AND ABANDONED MINE OPERATIONS
BUREAU OF ABANDONED MINE RECLAMATION

PINE GROVE NORTH (GLEN RICHEY) WATERLINE
ABANDONED MINE RECLAMATION PROJECT
CONTRACT NO. OSM 17(6483)101.1

FACT SHEET

Location: The project site is located in Lawrence Township,
Clearfield County. From Interstate-80 West, take Exit 120 for
PA-879 toward Clearfield. Turn left onto PA-879 West and
follow for 3.1 miles. Turn left onto the PA-153 North/PA-153
South ramp. Turn right onto PA-153 South. This is where the
waterline ties into the existing Clearfield Municipal Authority
(CMA) waterline.

Watershed: West Branch of the Susquehanna River, Warm Water Fishes
(WWF); Unnamed Tributaries (UNTs) to West Branch of the
Susquehanna River, Cold Water Fishes (CWF); Clearfield Creek,
WWF; UNTs to Clearfield Creek, CWF; Laurel Run,
High-Quality Cold Water Fishes (HQ-CWF); and UNTs to
Laurel Run, HQ-CWF.

Official Start Date: April 9, 2018

Contract Completion Date: August 29, 2019

Contractor: C&R Directional Boring, LLC
3725 Williams Road
Clearfield, PA 16830

Property Owners: Clearfield Municipal Authority (CMA)

Project Cost: $4,133,171.50 (Bid Amount), $5,356,443.05 (Final Amount)

Project Area: The public waterline extends approximately 97,890 linear feet to
187 Office of Surface Mining (OSM) Abandoned Mine Land
(AML) eligible homes and five non-eligible homes.

Purpose: Eliminated eligible abandoned mine health and safety
hazards related to contaminated or diminished individual
potable water supplies and wells.

Description: The Pine Grove North (Glen Richey) Waterline project extended
a waterline approximately 97,890 linear feet to 187 OSM
AML-eligible homes and five non-eligible homes within
municipal authority, township, and state right-of-ways. The
waterline serves residents along Carbon Mine Road, Natures
Lane, Read Road, SR-2024, Antes Hill Road, Pine Grove
Nursery Road, SR-2023, Parker Road, Bloom Road, Scribbers
Road, Knotty Pine Road, Log Cabin Road, Fire Tower Road,
SR-1005, Clover Hill Road, Litz Road and SR-153. The project also included the construction and installation of a pump station and finished water storage tank which supports this project and facilitates future expansion of the waterline service. Through a Professional Geologist’s “Hydro Report,” it was determined that the drinking water sources in the Glen Richey area were diminished and that the quality was significantly degraded. The water supplies in the area did not meet minimum state and federal drinking water standards. The water problems were attributed to underground mines that were extensively operated by Peale, Peacock & Kerr, Inc. and Wiley Coal Company prior to 1936. These dangerous abandoned mine features of Polluted Water–Human Consumption (PWHC) are located within Problem Areas 0103, 1313, 6473, 6474, 6475, 6476, 6477, 6480, 6481, 6482, 6483 and 6484, which are located on the Glen Richey and Clearfield 7.5 Minute USGS Quadrangle Maps. These dangerous abandoned mine features met OSM’s Priority 2 safety criteria.

**Funding:**
Pennsylvania’s Abandoned Mine Land Grant ($824,915.43); Pennsylvania’s FY 2016 AML Pilot Grant ($4,531,527.62)

**Project Management:**
Bureau of Abandoned Mine Reclamation
Cambria District Office
814.472.1800

**Accomplishments:**

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AMLF = Abandoned Mine Land Feature
PWHC = Polluted Water - Human Consumption
PINE GROVE NORTH (GLEN RICHEY) WATERLINE
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Location Map

Pine Grove North (Glen Richey) Waterline
OSM 17(6483)101.1
Lawrence Township
Clearfield County
PINE GROVE NORTH (GLEN RICHEY) WATERLINE
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Pre-Construction

Pump station location

Water storage tank location

Water tank location
Pre-Construction

SR-153 N Krebs Highway, waterline location

SR-153 S Krebs Highway, waterline location
During Construction

Pump station footer
PINE GROVE NORTH (GLEN RICHEY) WATERLINE
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During Construction

Water storage tank

Water storage tank
During Construction

Drilling waterline

Installing waterline
Post Construction

Pump station

Inside pump station
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Post Construction

Water storage tank

Waterline
PINE GROVE NORTH (GLEN RICHEY) WATERLINE
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Post Construction

Waterline and blow off