

American Nickeloid Company

129 Cherry Street
Walnutport, PA 18088
Congressional District 15
EPA ID #: PAD002399285
Site Property Area: 40 Acres
Last Updated: 03/17/2014

Status

The American Nickeloid Company (ANC) has been under an EPA Administrative Order since 1993. Under the Order, American Nickeloid began implementation of remedies at the following areas: Chrome-plating area, Former Naphtha Tank Area, and the Former Surface Impoundment Area. ANC is continuing to pump and treat groundwater from two recovery sumps and four wells. Approximately 62.6 pounds of chromium were removed from the groundwater during in 2009. The pumping of groundwater maintains a hydraulic barrier to prevent contaminated groundwater from entering the Lehigh River. Quarterly groundwater monitoring continues at the site.

As part of its quarterly monitoring requirements per the Administrative Order, ANC is required to determine if Walnutport Municipal Well #5 is running, and if so, American Nickeloid is required to collect a sample for total chromium analysis. Municipal Well #5 was not running on November 11, 2009, the most recent time the municipality was contacted.

The American Nickeloid facility achieved a "Yes" determination for the Current Human Exposures Under Control Environmental Indicator (EI) in September 2002. The facility achieved a "Yes" determination for the Migration of Contaminated Groundwater Under Control EI in September 2003 after it was demonstrated that the conversion of monitoring well B-2 to a recovery well adequately prevents contaminated groundwater from escaping the Former Surface Impoundment Area toward the Lehigh Canal.

Facility Description

American Nickeloid Company is a specialty metal plating facility in operation since 1923 in Walnutport, PA. The facility is located on 40 acres and is bordered on the west by the Lehigh Canal which is adjacent to the Lehigh River. Residential properties are situated to the south and southeast.

The main contaminant in the groundwater is chromium from wastes at the Former Surface Impoundment Area and releases of chromic acid from the Chrome-plating area. Naphtha has also been found in the groundwater near the Former Naphtha Tank Area. Naphtha and chrome have also been found in the soil.

American Nickeloid has closed the Former Surface Impoundment Area under the supervision of PADEP. Soil samples were collected from various depths within the impoundments and berms in the summer of 2003 and 2004. None of the samples collected contained chromium at concentrations above PADEP medium specific concentrations (MSCs). Only one sample collected (sample no. C-13) contained nickel (673 mg/kg) at a slightly higher concentration than PADEP's soil-to-groundwater MSC of 650 mg/kg).

Government Contact

EPA Project Manager
Mr. Andrew Clibanoff - 3LC30
U.S. Environmental Protection Agency - Region III
1650 Arch Street
Philadelphia, PA 19103-2029
Phone: (215) 814-3391
Email: clibanoff.andrew@epa.gov

For more information about EPA's corrective action webpage, including Environmental Indicators, please visit our site at: www.epa.gov/reg3wcmd/correctiveaction.htm