

This sheet provides explanations of commonly used terminology in discussions regarding the Site.

Act 2: The Land Recycling and Environmental Remediation Standards Act, Act 2 of 1995, as amended. Act 2 establishes environmental remediation standards for cleanups. Remediation and the resulting liability relief provided by Act 2 is specific to the contamination identified at each site.

AOA - Analysis of Alternatives: The function of the AOA is to formally document, for the Administrative Record, DEP's evaluation of the response alternatives (response action options) and the selection of the proposed response action to address the contamination at the Site.

AR – Administrative Record: provides the official record for administrative and judicial review of the DEP's response decisions. The AR opens for public comment for a period of 90 days. The AR will include any information the DEP considered that relates to the release and to the selection of the response action.

AS/SVE System – Air Sparge and Soil Vapor Extraction System: Soil and shallow groundwater remediation system installed jointly by DEP and CDP at the site. The AS/SVE system did not meet performance criteria and was subject to frequent flooding due to high water levels and rain events. The AS/SVE system was not operated due to these issues and to facilitate a study of an alternative approach by JM/Whittaker.

ATSDR - Agency for Toxic Substances and Disease Registry: A federal public health agency of the U.S. Department of Health and Human Services. ATSDR prepared a Health Consultation for the Site in 2008.

CCEDC - Chester County Economic Development Council: The entity who has partnered with Constitution Drive Partners, L.P to apply for the ISRP Grant money.

CDP - Constitution Drive Partners, L.P.: The current property owner

DCED - Department of Community and Economic Development: PA Agency responsible for administering the ISRP Grant Program.

DNAPL - Dense non-aqueous phase liquid: DNAPLs are denser than water and may slowly dissolve in water. Trichloroethene is considered a DNAPL, and because it is denser than water it tends to sink in water.

HSCA - Hazardous Sites Cleanup Act: Act 108 of 1988, as amended. It is also a technical group in the Environmental Cleanup and Brownfields Program in the Southeast Regional Office that is overseeing activities at the Site.

ISB - In Situ Bioremediation: Technology for cleaning up groundwater, which relies on bacteria to breakdown contaminants such as TCE. ISB was the subject of a treatability study performed by JM/Whittaker at the Site.

ISRP Grant - Industrial Sites Reuse Program: A grant program administered by the PA DCED.

JM/Whittaker - Johnson Matthey, Inc. and Whittaker Corporation: Former Bishop Tube Owners/Operators performing a Remedial Investigation and Feasibility Study under a consent agreement in the federal District Court for the Eastern District of Pennsylvania.

Overburden: is the soil and other material which lies over a rock formation

PAPL: Pennsylvania Priority List of Hazardous Sites. Bishop Tube was placed on the list in 2010.

Property: The property where Bishop Tube manufactured stainless steel tubes.

PPA - Prospective Purchaser Agreement: A consent order and agreement between PA DEP and CDP that was executed in 2005 prior to CDP's acquisition of the property. The PPA was amended in 2007 and 2010.

Public Hearing: The DEP will conduct at least one public hearing between 30 and 60 days of the beginning of the public comment period associated with an Administrative Record. During the hearing DEP will present the current status of the investigation of the Site, each of the alternatives it considered and a the proposed response action. At the hearing the public can submit oral comments for the record. The AR will include a transcript of the hearing.

Response Action: Action taken by the DEP in the event of a release of a hazardous substance to study, assess, prevent, minimize or eliminate the release.

RI/FS – Remedial Investigation/Feasibility Study: The purpose of the RI is to fully characterize the contamination including its extent in soil, groundwater, and surface water and to define potential human and ecological exposure pathways. The FS is intended to list and evaluate options for addressing the contamination and potential current or future exposure pathways.

SOD - Statement of Decision: This document identifies DEP's selected response action and provides the rationale for selecting the response.

SOW - Scope of Work: A plan required under the ISRP Grant Program to outline the remediation or characterization tasks funded by the grant. DEP is responsible for reviewing any SOW submitted with an ISRP Grant application.

Site: The estimated area of soil and groundwater contamination which has resulted from the former tube manufacturing facility.

Superfund Site: The Comprehensive Environmental Response, Compensation, and Liability Act -- otherwise known as CERCLA or Superfund provides a Federal "Superfund" to clean up uncontrolled or abandoned hazardous-waste sites as well as accidents, spills, and other emergency releases of pollutants and contaminants into the environment. Superfund typically refers to Sites listed on the National Priorities List. Bishop Tube is only listed on PA's Priority List of Sites.

TCE - Trichloroethene: Primary contaminant of concern at the Site. It was used to remove grease from stainless steel tubes in the manufacturing process

TS -Treatability Study: A TS is used to evaluate treatment technologies that may be used at the Site.

VI - Vapor Intrusion: VI is a general term referring to the migration of vapors from Volatile Organic Compounds (VOCs) present in sub-surface soils and water into overlaying buildings.