

6. GLOSSARY

The terms in the glossary are defined for their intended use and purpose in the DelTRiP report. There may be other definitions for these terms, particularly IF they are used for other planning or regulatory purposes. Additionally, there may be other terms in use to define these or similar concepts.

Acroynms

AST	Above ground storage tank
ATSDR	Agency for Toxic Substances and Disease Registry
Bgs	Below ground surface
CDC	Center for Disease Control
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act (commonly known as Superfund, passed by the United States Congress on December 11, 1980)
COA	Consent order and agreement: a negotiated agreement between a regulatory agency and a potentially responsible party to complete a remedial action.
COC	Contaminant of concern: a site specific contaminant that is found to be a threat to human or ecological health. Chemical properties and concentrations of a contaminant determine its potential to be harmful if absorbed, inhaled, or ingested.
COCR	Certificate of completion of remediation: A letter written by a State environmental agency indicating the successful remediation of a site. Example: Types of <i>closure documents</i> are: 1) No further action (is required), 2) Certificate of completion (of remediation), 3) Covenants not to sue (no further legal action or remediation is needed once the remediation plan is complete).
CWA	Clean Water Act (33 U.S.C. § 1251)
DELEP	Delaware Estuary Program
DeITriP	Delaware Toxics Reduction Program
DNREC	Delaware Department of Natural Resources and Environmental Control
DRBC	Delaware River Basin Commission
EPA	United States Environmental Protection Agency
FS	Feasibility Study
GIS	Geographic Information System
HSCA	Hazardous Substance Control Act
MGP	Manufactured Gas Plant: an industrial facility where combustible gas was manufactured from coal, oil, or other materials. Instances of MGPs started to decline in the 1930s due to competition and also the advent of networks of natural gas pipelines. MGPs have left a long legacy of environmental problems due to their byproducts, primarily tars left behind from their production processes.
NJDEP	New Jersey Department of Environmental Protection
NPDES	Non-Point Discharge and Elimination System: the system of both regulating and permitting discharges of harmful substances into water bodies of the United States established by the passage of the Clean Water Act (33 U.S.C. § 1251)
NPL	National Priorities List:
PADEP	Pennsylvania Department of Environmental Protection
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PCE	Perchloroethylene
PennDOT	Pennsylvania Department of Transportation

ppb	parts per billion
PPL	Pennsylvania Power and Light Co.
ppm	parts per million
PRP	Potentially Responsible Party
RI	Remedial Investigation
SEPTA	Southeastern Pennsylvania Transit Authority
SVOC	Semivolatile Organic Compound
VCP	Voluntary Cleanup Program

Anthropogenic: Occurring because of or influenced by human activity.

Aquifer: An underground geological formation of rock, sand or gravel, capable of storing water within cracks and pore spaces, and that yields water to springs and wells. The water contained in the aquifer is called groundwater

Assimilative Capacity: The ability of a water body to cleanse itself; its capacity to receive waste waters or toxic materials without apparent impact aquatic life or humans.

Bioaccumulation: The biological sequestering of a substance at a higher concentration than it occurs in the surrounding environment or medium. Bioaccumulation is also the process whereby a substance enters organisms through the gills, epithelial tissues, dietary, or other sources.

Brownfield: "...real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant." (§ 101 CERCLA, 1980, 42 U.S.C. 9601). This is the general definition of brownfield, though several exceptions follow in paragraph B. For a more exhaustive definition, please see www.epa.gov/brownfields/glossary.htm.

Designated Uses: Those water uses identified in State, federal and DRBC water quality standards that must be achieved and maintained as required by the Clean Water Act. Uses include aquatic life, fish consumption, recreation, agricultural and industrial use and potable water supply.

Floodplain: The relatively level area of land bordering a stream channel and inundated during moderate to severe floods.

Nonpoint Source: A pollution source that cannot be defined as originating from discrete points such as pipe discharge. Areas of fertilizer and pesticide applications, atmospheric deposition, manure, and natural inputs from plants and trees are types of nonpoint source pollution.

Pesticide: A chemical applied to crops, rights of way, or lawns, to control weeds, insects fungi, nematodes, rodents, or other 'pests.'

Point Source: A pollution source that can be defined as originating from discrete points such as pipe discharge, drainage ditch, tunnel, well, concentrated livestock operation, or watercraft.

Polychlorinated Biphenyls (PCBs): Mixtures of synthetic organic chemicals with the same basic chemical structure and similar physical properties. PCBs have been demonstrated to cause a variety of adverse health effects in animals including cancer, and effects on the immune system, reproductive system, nervous system, and endocrine system. Studies in humans provide supportive evidence for potential carcinogenic and non-carcinogenic effects of PCBs.

Sediment: Particles derived from rocks or biological materials that have been transported by a fluid or other natural process, suspended or settled in water

CONTACTS

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