

Table 6 (Page 1 of 2)
 Summary of Applicable or Relevant and Appropriate Requirements (ARARs)
 and To Be Considered (TBC) Material
 Crossley Farm Superfund Site

ARAR OR TBC	LEGAL CITATION	CLASSIFICATION	SUMMARY OF REQUIREMENT	FURTHER DETAIL REGARDING ARARS IN THE CONTEXT OF THE REMEDY
Chemical Specific				
A. Water				
Safe Drinking Water Act (SDWA) Maximum Contaminant Levels (MCLs)	40 CFR §§ 141.11, 141.61 and 141.62	Relevant and Appropriate	MCLs are enforceable standards for public drinking water supply systems which have at least 15 service connections or are used by at least 25 persons. These requirements are not directly applicable since groundwater in the vicinity of the site is not used as private drinking water supply. However, under the circumstances of this Site, MCLs are relevant and appropriate requirements which were considered in establishing groundwater cleanup levels.	The groundwater will meet these requirements. The cleanup standards for groundwater are set at or below the existing MCLs.
Pennsylvania Water Quality Standards	25 Pa. Code § 93.7 and 93.8a	Relevant and Appropriate	These are the specific water quality criteria established pursuant to Section 304 of the Clean Water Act. These provisions set the concentration of pollutants that are allowable at levels which preserve human health based on water and fish ingestion and to preserve aquatic life. Ambient water quality criteria may be relevant and appropriate to CERCLA cleanups based on uses of a water body.	The discharge of treated groundwater would meet the guidelines established for protection of aquatic life.
Location Specific				
A. Water				
Pennsylvania Water Quality Standards	25 Pa. Code § 93.4a, 93.4b and 93.4c	Relevant and Appropriate	These are specific antidegradation requirements to protect high quality or exceptional value waters.	The Perkiomen Creek in the vicinity of the Site has been designated an exceptional value stream.
Federal regulations governing groundwater withdrawals in the Delaware River Basin	18 C.F.R. §§ 430.1, 430.7, 430.9, 430.13(i)(3)(i), 430.15(b)	Applicable	Governs the withdrawal of water and the operation of groundwater wells withdrawing water from the Delaware River Basin where the Site is located	Wells utilized to undertake groundwater withdrawals at the Site will meet these standards
Federal Regulation of Activities Impacting Wetlands	40 C.F.R. § 6.302(a) and Part 6 Appendix A	Relevant and Appropriate	Requires federal agencies to avoid or minimize the destruction of wetlands	Discharge of treated water to the wetlands and to an infiltration gallery will avoid and mitigate impacts to the wetlands
Action Specific				
A. Water				
Pennsylvania Clean Streams Law	25 Pa. Code §§ 16.24, 16.32 – 16.33, 16.51 and 16.102	Applicable	The objective of this statute is to reclaim and restore polluted streams. The law provides for the protection of streams and water quality control. This statute is applicable to remedial alternatives that require the discharge of water/waste, and/or the cleanup of contaminated streams.	The groundwater treatment plant will comply with the substantive parts of these discharge standards.
Clean Water Act (CWA)	40 CFR §§ 122.2, 122.4, 122.5, 122.21, 122.26, 122.29, 122.41, 122.43 – 122.45, 122.47, 122.48 (All of these sections, except for 122.47, are incorporated by reference into Pennsylvania's regulation by 25 Pa. Code § 92.2.)	Applicable	Establishes effluent limitations for discharges to waters of Pennsylvania and the United States.	At the Site, EPA will operate a pump-and-treat facility that discharges treated water in compliance with the substantive parts of these provisions.
Pennsylvania National Pollutant Discharge Elimination System Requirements	25 Pa. Code §§ 92.3, 92.7, 92.31, 92.41, 92.51, 92.55, 92.57, 92.73, 93.6, 93.7 and 95.2			

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Action Specific				
A. Water				
Storm Water Management Act	32 P.S. § 680.13	Applicable	Requires implementation of storm water control measures to prevent injury to health, safety, or property.	Storm water shall be managed in accordance with these requirements during implementation of the remedy.
B. Soil				
Erosion and Sediment Control	25 Pa. Code §§ 102.4(b)(1), 102.11, 102.22	Applicable	Identifies erosion and sediment control requirements and criteria for activities involving land clearing, grading and other earth disturbances and establishes erosion and sediment control criteria.	These regulations apply to construction activities at the site which disturb the ground surface, including clearing, grading, and excavation.
C. Hazardous Waste				
Resource Conservation and Recovery Act (RCRA)	40 CFR § 262.34 (accumulation time and requirements) 40 CFR §§ 264.171-175 (containers)	Relevant and Appropriate	These provisions govern the accumulation time for hazardous wastes and management of containers, and will be followed when treatment sludge is stored at the Site.	The groundwater treatment remedy generates hazardous sludge. These requirements are for the generation and disposal of hazardous sludge from OU2. RCRA requirements for the preferred alternative are found in Pennsylvania's EPA-authorized RCRA regulations. When treatment sludge will be staged in containers prior to off-site disposal, its handling will comply with 40 CFR § 262.34 (accumulation time and requirements), 40 CFR §§ 264.171-175 and 25 Pa Code § 264a.173 (Containers).
Pennsylvania Hazardous Waste Management Regulations	25 Pa. Code § 262a.34, § 264a.173	Relevant and Appropriate	These provisions govern the accumulation time for hazardous wastes and management of containers, and will be followed when treatment sludge is stored at the Site.	These regulations will apply as described above for RCRA
D. Air				
Fugitive Air Emissions	25 Pa. Code §§ 123.1 – 123.2 40 CFR § 50.6 – 50.7	Applicable	Establishes the fugitive dust regulation for particulate matter.	Excavation activities will comply with these regulations.
Visible Emissions	25 Pa. Code § 123.41	Applicable	Establishes opacity limits for visible air emissions.	Emissions from the excavation and construction will comply with this requirement.
VOC emissions	25 Pa. Code §§ 124.7, 123.31, ,	Relevant and Appropriate	These regulations establish standards that constitute maximum levels of a particular pollutant permitted in the ambient air.	During the remedial action, the 24 hour maximum particulate concentration must be maintained below the applicable levels
Air emissions from Superfund Air Strippers at Superfund Groundwater Sites, June 15, 1989	OSWER Directive 9355.0-28	TBC	This policy guides the selection of control for air strippers at groundwater sites according to the air quality status of the area of the Site(i.e., whether it is in an attainment or non-attainment area	EPA guidance will be considered during the Remedial Action
Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities	40 C.F.R. Part 264.1032	Relevant and Appropriate	Requirements for the operation of process vents associated with air stripping .	These regulations apply to the air stripping treatment of conaminated groundwater
E. Other				
Underground Injection Control Program	40 CFR §§144.82, 144.83, 144.84, 146.6, 146.8, 146.10	Applicable	Establishes classes of injection wells and establishes requirements for Class V wells under the Underground Injection Control Program.	These regulations apply to the in-situ portion of the remedy for the source area.