

Table 3-1
Soil Remediation Standards/Criteria
Site 137 North and Site 143, Garfield Avenue Group
PPG, Jersey City, New Jersey

Constituent	CrSCC (mg/kg)	RDCSRS (mg/kg)	RDCSRS- GAG ¹ (mg/kg)	NRDCSRS (mg/kg)	DIGWSSL (mg/kg)	IGWSRS- GAG ² (mg/kg)
Hexavalent Chromium	20	N/A	N/A	N/A	N/A	N/A
Antimony	N/A	31	N/A	450	N/A	62.7
Chromium (total) ³	N/A	120,000	N/A	N/A	N/A	N/A
Nickel	N/A	1,600	N/A	23,000	N/A	170
Thallium	N/A	N/A	N/A	N/A	3	N/A
Vanadium	N/A	N/A	390	1,100	N/A	N/A
Benzo(a)anthracene	N/A	5	N/A	17	0.8	N/A
Benzo(b)fluoranthene	N/A	5	N/A	17	2	N/A
Benzo(k)fluoranthene	N/A	45	N/A	170	25	N/A
Indeno(1,2,3-cd)pyrene	N/A	5	N/A	17	7	N/A
Naphthalene	N/A	6	N/A	17	25	N/A
Benzene	N/A	2	N/A	5	0.005	N/A

Notes:

¹RDCSRS-GAG is an alternative remediation standard approved by the NJDEP on December 28, 2016 (NJDEP, 2016).

²IGWSRS-GAG is an alternative remediation standard proposed in the *Supplemental Soil Remedial Investigation Report, Final (Revision 1)* on August 30, 2018 (AECOM, 2018b) and approved by NJDEP on October 22, 2018 (NJDEP, 2018a).

³There is currently no NJDEP SRS and no NJDEP SCC for total chromium. Therefore, total chromium results are compared to the interim NJDEP Residential SCC for trivalent chromium of 120,000 mg/kg as the cleanup criteria for soil at the Garfield Avenue Group Sites. There is no non-residential SCC for trivalent chromium.

CrSCC - Chromium Soil Cleanup Criteria

DIGWSSL - Default Impact to Groundwater Soil Screening Level

GAG - Garfield Avenue Group

IGWSRS-GAG - Impact to Groundwater Soil Remediation Standard - Garfield Avenue Group

mg/kg - milligrams per kilogram

N/A - not available

NJDEP - New Jersey Department of Environmental Protection

NRDCSRS - Non-Residential Direct Contact Soil Remediation Standard

RDCSRS - Residential Direct Contact Soil Remediation Standard

SCC - Soil Cleanup Criteria

SRS - Soil Remediation Standard