

Table 4

**Soil Remediation Standards/Screening Levels for Soil and Foundation
Groundwater Quality Standards**

**Site 16 Remedial Investigation Report
PPG Industries, Inc.
Jersey City, New Jersey**

SOIL

METALS (MG/KG)	RDC SRS	NRDC SRS	CrSCC	IGW SSL
ANTIMONY	31	450	--	6
CHROMIUM*	NC	NC	120000	NC
NICKEL ***	1600	23000	--	650
THALLIUM	5	79	--	3
VANADIUM	78	1100	--	NC
HEXAVALENT CHROMIUM	NC	NC	20	NC

GROUNDWATER

METALS (UG/L)		
ANTIMONY	6	GWQS
CHROMIUM **(compared to Total Cr)	70	GWQS
NICKEL	100	GWQS
THALLIUM	2	GWQS
VANADIUM	60	GWQS
HEXAVALENT CHROMIUM	NC	NA

FOUNDATION

METALS (MG/KG)	RDC SRS	NRDC SRS	CrSCC	IGW SSL
ANTIMONY	31	450	--	6
CHROMIUM	NC	NC	120000	NC
NICKEL	1600	23000	--	31
THALLIUM	5	79	--	3
VANADIUM	78	1100	--	NC
HEXAVALENT CHROMIUM	NC	NC	20	NC

NC = No Criteria

IGW SSL = DEFAULT IMPACT TO GROUNDWATER SOIL SCREENING LEVEL

From: NJDEP December 2008 Guidance Document for the Development of Site-Specific Impact to Ground Water Soil Remediation Standards Using the Soil-Water Partition Equation.

RDC SRS = RESIDENTIAL DIRECT CONTACT SOIL REMEDIATION STANDARD

From: New Jersey Administrative Code Chapter 26D, Remediation Standards, N.J.A.C. 7:26D

NRDC SRS = RESIDENTIAL DIRECT CONTACT SOIL REMEDIATION STANDARD

From: New Jersey Administrative Code Chapter 26D, Remediation Standards, N.J.A.C. 7:26D

CrSCC = NJDEP CHROMIUM SOIL CLEANUP CRITERIA (FEB 2007/SEPT 2008)

From NJDEP's February 8, 2007 and September 2008 Chromium Soil Cleanup Criteria

GWQS = NJDEP GROUNDWATER QUALITY STANDARDS

From: New Jersey Administrative Code Chapter 9C, Groundwater Quality Standards, N.J.A.C. 7:9C

* = used Trivalent Chromium

**= used Total Chromium

*** Site Specific IGW