

**Table 5-6
Analytical Results - VOCs Compared to SRS
Garfield Avenue Group
PPG, Jersey City, New Jersey**



						Analyte CAS-RN Units RDCSRS NRDCSRS	BENZENE 71-43-2 mg/kg 2 5
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Result	Qualifier
PSEG-SB46	35.0 - 35.5 ft	NJD981084668-12/1/2006-SB46_35	789042	12/1/2006	N	< 0.0011	U
PSEG-SB47	6.5 - 7.0 ft	NJD981084668-11/30/2006-11	788665	11/30/2006	N	< 0.16	U
PSEG-SB47	13.5 - 14.0 ft	NJD981084668-11/30/2006-8	788668	11/30/2006	N	< 0.0010	U
PSEG-SB47	26.0 - 26.5 ft	NJD981084668-11/30/2006-9	788666	11/30/2006	N	0.0010	J
PSEG-SB47	34.5 - 35.0 ft	NJD981084668-11/30/2006-10	788667	11/30/2006	N	0.0024	
PSEG-SB48	10.0 - 10.5 ft	NJD981084668-11/28/2006-SB48_10	788115	11/28/2006	N	< 0.0011	U
PSEG-SB48	26.5 - 27.0 ft	NJD981084668-11/29/2006-SB48_26	788116	11/29/2006	N	< 0.0011	U
PSEG-SB48	34.0 - 34.5 ft	NJD981084668-11/29/2006-SB48_34	788117	11/29/2006	N	< 0.001	U
PSEG-SB48	39.0 - 39.5 ft	NJD981084668-11/29/2006-SB48_39	788118	11/29/2006	N	< 0.0011	U
PSEG-SB49	12.5 - 13.0 ft	NJD981084668-11/15/2006-SB49_12	785587	11/15/2006	N	< 1.9	U
PSEG-SB49	16.0 - 16.5 ft	NJD981084668-11/15/2006-SB49_16	785588	11/15/2006	N	< 1.2	U
PSEG-SB49	26.5 - 27.0 ft	NJD981084668-11/15/2006-SB49_26	785589	11/15/2006	N	< 0.0011	U
PSEG-SB49	47.3 - 47.8 ft	NJD981084668-11/15/2006-SB49_47	785590	11/15/2006	N	< 0.001	U
PSEG-SB51	12.5 - 13.0 ft	NJD981084668-11/16/2006-SB51_12	785591	11/16/2006	N	< 0.0009	U
PSEG-SB51	27.0 - 27.5 ft	NJD981084668-11/16/2006-785592	785592	11/16/2006	N	< 0.001	U
PSEG-SB51	45.0 - 45.5 ft	NJD981084668-11/17/2006-SB51_45	785975	11/17/2006	N	< 0.0009	U
PSEG-SB52	8.5 - 9.0 ft	NJD981084668-11/22/2006-SB52_8	786920	11/22/2006	N	< 0.0021	U
PSEG-SB52	21.0 - 21.5 ft	NJD981084668-11/27/2006-SB52_21	787468	11/27/2006	N	0.14	
PSEG-SB52	36.3 - 36.8 ft	NJD981084668-11/27/2006-SB52_36	787469	11/27/2006	N	0.87	
PSEG-SB52	42.9 - 43.4 ft	NJD981084668-11/27/2006-SB52_42	787470	11/27/2006	N	< 0.1	U
PSEG-SB52	54.5 - 55.0 ft	NJD981084668-11/27/2006-SB52_54	787471	11/27/2006	N	< 0.0012	U
PSEG-SB54	10.0 - 10.5 ft	NJD981084668-11/27/2006-SB54_10	787472	11/27/2006	N	< 0.0014	U
PSEG-SB54	36.5 - 37.0 ft	NJD981084668-11/27/2006-SB54_36	787473	11/27/2006	N	1.3	
PSEG-SB54	42.5 - 43.0 ft	NJD981084668-11/28/2006-SB54_42	788113	11/28/2006	N	< 0.0015	U
PSEG-SB54	55.5 - 56.0 ft	NJD981084668-11/28/2006-788114	788114	11/28/2006	N	< 0.0011	U
PSEG-SB62	1.5 - 2.0 ft	NJD981084668-8/17/2007-1	854412	8/17/2007	N	0.27	
PSEG-SB62	7.0 - 7.5 ft	NJD981084668-8/17/2007-4	854413	8/17/2007	N	< 0.0017	U
PSEG-SB62	19.0 - 19.5 ft	NJD981084668-8/17/2007-2	854414	8/17/2007	N	< 0.0012	U
PSEG-SB62	19.0 - 19.5 ft	NJD981084668-8/17/2007-5	854415	8/17/2007	FD	< 0.0012	U
PSEG-SB62	30.0 - 30.5 ft	NJD981084668-8/17/2007-3	854416	8/17/2007	N	< 0.0012	U
SB25	25.5 - 26.0 ft	NJD981084668-4/13/2004-001	03259-001	4/13/2004	N	0.123	J
SB25	36.0 - 36.5 ft	NJD981084668-4/13/2004-002	03259-002	4/13/2004	N	< 0.614	U
SB25	44.0 - 44.5 ft	NJD981084668-4/14/2004-003	03259-003	4/14/2004	N	< 0.656	U
SB25	47.0 - 47.5 ft	NJD981084668-4/14/2004-004	03259-004	4/14/2004	N	2.63	
SB25	49.5 - 50.0 ft	NJD981084668-4/14/2004-005	03259-005	4/14/2004	N	2.62	

Notes:

- Results are reported in milligrams per kilogram (mg/kg).
 - Depths are presented in feet (ft) below ground surface (bgs).
 - Sample Type = N indicates normal original sample; FD indicates duplicate sample.
 - Benzene was the only VOC further delineated in the SSRI based upon the NJDEP SRSs. Additional VOCs were delineated to the SRSs in the 2012 RIR.
- CAS-RN = Chemical Abstract Service Registry Number
ID = Identification
NJDEP = New Jersey Department of Environmental Protection
NRDCSRS = NJDEP Non-Residential Direct Contact Soil Remediation Standard. *Italic* values indicate a result that exceeds the NRDCSRS.
RIR = Remedial Investigation Report
RDCSRS = NJDEP Residential Direct Contact Soil Remediation Standard. **Bold** values indicate a result that exceeds the RDCSRS
SRS = Soil Remediation Standard
SSRI = Supplemental Soil Remedial Investigation
VOC = volatile organic compound
J - Indicates the result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.
U - Indicates the analyte was not detected in the sample above the sample reporting limit.
UJ - Indicates the analyte was not detected above the reporting limit and the reporting limit was approximate.