

IRONBOUND RESIDENTIAL / PASSAIC RIVER SAMPLING EVENT
10/29/12, 11/17/12 & 11/19/12

Sampling Location:	Residence 1 Container		Residence 2 Container	
	10/29/2012		10/29/2012	
Collection Date:	Result	Qualifier	Result	Qualifier
	CFU/100 ml		CFU/100 ml	
Bacteria	210000		>2000000	
Total Coliform (CFU/100 ml)	40		1390	
E. coli (CFU/100 ml)				

Sampling Location:	Residence 3		Residence 3 Duplicate		Passaic River Surface Water	
	11/17/2012		11/17/2012		11/19/2012	
Sampling Date:	Result	Qualifier	Result	Qualifier	Result	Qualifier
	ug/L		ug/L		ug/L	
VOLATILE ORGANICS						
Acetone	16		5.0	U	5.0	U
Methylene Chloride	0.52		0.5	U	0.5	U
cis-1,2-Dichloroethene	0.5	U	0.5	U	0.64	
Chloroform	7.5		7.3		0.5	U
Trichloroethene	0.5	U	0.5	U	0.58	
Bromodichloromethane	0.94		0.94		0.5	U
Tridecane	2.0	JN	2.0	JN	--	
Tetradecane	1.7	JN	1.5	JN	--	
Benzene, 1-methyl-4-(1-methylethyl)-	0.52	JN	--		--	
Dodecane	1.1	JN	1.1	JN	--	
Naphthalene, 1,2,3,4-tetrahydro-1,4-Dimethyl-	--		1.7	JN	--	
Naphthalene, 1,2,3,4-tetrahydro-6-methyl-	1.8	JN	2.0	JN	--	
Undecane	0.83	JN	0.88	JN	--	
Sulfur Dioxide	--		--		1.3	JN
SEMI-VOLATILE ORGANICS						
Diethylphthalate	19		19		5.1	U
Di-N-Butyl Phthalate	7.9		8.2		5.1	U
1,2-Benzenedicarboxylic aci...	10	JN	--		--	
Nonanoic acid	25	JN	13	JN	8.4	JN
Eicosane	11	JN	--		--	
Octadecane	13	JN	15	JN	--	
Tetradecane	10	JN	13	JN	--	
Nonadecane	12	JN	12	JN	--	
Docosane	--		12	JN	--	
Heptadecane	21	JN	21	JN	--	
Pentadecane	21	JN	23	JN	--	
TPH-GRO/DRO/ORO						
TPH-GRO (C6-C10)	21	J	20	U	20	U
TPH-DRO/ORO (C13-C22)	2300		1600		51	U

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TPH-DRO/ORO (C23-C40)	2400		1900		210	U
Total TPH	4700		3500		51	U
DIOXINS/FURANS	pg/L		pg/L		pg/L	
2,3,7,8-Tetrachlorodibenzo-p-dioxin	8.9		7.27		13.9	
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	703	J	542		26.3	U
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	6700	J	5590		224	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	198		150		26.9	
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	948		779		52.6	U
Total Tetrachlorodibenzo-p-dioxin	15.1		7.27		13.9	
Total Pentachlorodibenzo-p-dioxin	23.7	U	23.7	U	26.3	U
Total Heptachlorodibenzo-p-dioxin	4020		1100		33.6	
Total Tetrachlorodibenzofuran	6.55		4.75	U	6.86	
Total Hexachlorodibenzofuran	171		97.3		26.3	U
Total Heptachlorodibenzofuran	967	J	691		26.9	
Metals	ug/L		ug/L		ug/L	
Aluminum	4800	K	6600		1400	
Arsenic	8.7		12		8	U
Barium	100	U	120		100	U
Cadmium	5.2		6.8		3	U
Calcium	68000		77000		69000	
Chromium	26		35		9.6	
Copper	89		110		15	
Iron	8800		12000		2200	
Lead	320		470		15	
Magnesium	52000		55000		110000	
Manganese	250		310		110	
Nickel	20	U	23	U	20	U
Potassium	29000		29000		42000	
Sodium	450000		450000		780000	
Vanadium	20	U	22		20	U

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Zinc	1500		2100		33	
Bacteria	CFU/100 ml		CFU/100 ml		CFU/100 ml	
Total Coliform (CFU/100 ml)	930000		410000		11600	
E. coli (CFU/100 ml)	660		122		590	

J = Result is an estimated value, accurate within Quality Control standards

U = Not detected.

JN = Presumptive evidence that the analyte is present; reported as tentative. Result is estimated.

K = The reported result may be biased high.

Note: Polyaromatic hydrocarbons (PAHs) are highlighted yellow in the Semi-volatile organic fraction

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

ORO = Oil Range Organics

CFU = Colony Forming Unit