

Table 1-11
Groundwater Monitoring Well Screening Criteria Exceedances - Round 1 and Round 2
Consolidated Iron and Metal Superfund Site
Newburgh, New York

ROUND 1

Chemical Name	SSGWSC	MW-09-R1 (background)		MW-01-R1		MW-02-R1		MW-03-R1		MW-04-R1		MW-05-R1		MW-05-R1-Dup		MW-06-R1		MW-07-R1		MW-08-R1	
VOCs																					
Methyl tert-butyl ether	10	----	U	----	U	----		----		14		14		11		----		19		15	
Benzene	1	9.6		----	U	----	U	----	J	3.8		18		15		----	U	----	U	----	J
Toluene	5	----	J	----	J	----	J	----		----		9.8		9.7		----	U	----	U	----	J
Ethylbenzene	5	----	U	----		----	U	----	J	----		62		61		----	U	----	U	----	J
m,p-Xylenes	5	----	U	----		----	U	----		6.6		260		250		----	U	----	U	----	
INORGANICS																					
Iron	300	590		4500		42000		26000		30000		70000		69000		14000		19000		5900	
Lead	15	----	U	----	U	----	U	38		----	U	91		89		----	U	----	U	----	
Magnesium	35000	----		----		----		47000		47000		67000		67000		----		37000		----	
Manganese	300	890		3100		2200		1400		1200		1500		1500		1100		670		380	
Sodium	20000	80000		84000		93000		45000		110000		150000		150000		50000		70000		30000	
Zinc	5	----	U	----	U	----	U	----	U	----	U	150		140		----	U	----	U	----	U

ROUND 2

		MW-09-R2																			
Chemical Name	SSGWSC	(background)		MW-01-R2		MW-02-R2		MW-03-R2		MW-04-R2		MW-05-R2		MW-05-R2-Dup		MW-06-R2		MW-07-R2		MW-08-R2	
VOCs																					
Methyl tert-butyl ether	10	----	J	----	U	----	J	16		47	J	----	J	----		----		26		14	
Benzene	1	13		----	J	----	U	----	J	1.9	J	4.9		4.4		----	U	----	U	----	J
Ethylbenzene	5	----	U	----		----	U	----	U	----		19		17		----	U	----	U	----	J
m,p-Xylenes	5	----	U	----	J	----	U	----	J	----		61		65		----	U	----	U	----	
INORGANICS																					
Antimony	3	----	U	----	U	----	U	33.4	J	----	U	----	U	----	U	----	U	----	U	----	U
Iron	300	773		5550		50200		37600		29000		87200		84400		19600		20800		10900	
Magnesium	35000	----		----		46200		54800		55500		89800		87300		----		39000		----	
Manganese	300	954		2730		2430		1700		1250		1890		1840		1640		668		488	
Sodium	20000	83900	J	78300	J	105000	J	43700	J	114999	J	200001	J	192000	J	47400	J	69200	J	29200	J
Thallium	0.5	7.1	J	5.9	J	6.3	J	4.6	J	6.2	J	8.9	J	5.9	J	----	U	5.1	J	6.2	J
Zinc	5	----	R	26.4	J	25.6	J	----	R	33.1	J	98.8		97.8		26.2	J	46.7	J	105	

Notes:

Indicator contaminants are bolded

All values are in micrograms per liter (ug/L)

Dashed cells indicate that the value does not exceed the SSGWSC ----

SSGWSC = site-specific groundwater screening criteria

R1 = round 1 groundwater sampling event

R2 = round 2 groundwater sampling event

VOCs = volatile organic compounds

U = non-detected value.

J = value is estimated due to exceeded quality control criteria

R = data was rejected