CHEMICAL RECOVERY SYSTEMS

	well B1 ug/l	well 1 ug/l	well 2 ug/l	well 2 ug/l	well 2 ug/l	well 3 ug/l	well 4 ug/l	sewer water ug/l	sewer soil mg/kg	river above Harshaw water ug/l	river above Harshaw soil mg/kg	river above CRS water ug/l	river above CRS soil mg/kg	river below CRS water ug/l	river below CRS soil mg/kg
Beryllium		8		14	16										
Aluminum	110000	136000	86000	347000	372000	4200	3100	200	2700	550	5600	1800	1200	400	2000
Chromium	2500	1620	790	910	1180	490	300		79		7		14		12
Cadmium	820	300		195	220				32						6
Copper	1700	100	670	1340	1460			40	350		7	40	11		7
Iron	210000	276000	230000	926000	1010000	8400	4700	1660	3800	900	1900	2660	2600	620	3100
Lead	2500	840	1100	1160	1560	580	600		190		84		49		52
Nickel	1000	460	820	1040	1340			1890	400		11		22	20/40	32
Zinc	8600	4550	510	7040	8800	13000	420	80	480		81	30	50	20/10	67
Arsenic	310	700	140	400	400				4		5				2
Methylene chloride		71000		6500	5100			8500	4.8	12	0.06	34	0.04	72/50	0.04
Chloroethane									0.13						
1,1,1 Trichloroethane		12000		2200	1700			320	1.5						
1,1 Dichloroethane				5300	4100			52	0.59						
Vinyl chloride			1000						0.13						
1,1 Dichloroethene			1900						0.02						
1,2 t dichloroethene		6100	1000	10000	8300				2.1					t	
Trichloroethene		6300						1000							
Tetrachloroethene								420	0.58						
Benzene		1100	1000	1900	1500			15	0.01						
Ethyl benzene		14000							4.6						
1,2 dichlorobenzene									0.28						
Toluene		100000	3000	4500	3000			15	4.9				0.3		1.1
Phenol		590		19	41				0.34						
2,4 Dimethyl phenol		45													
Pentachlorophenol				16	16										
2,4,6 Trichlorophenol										59				t	
2,4 Dichlorophenol								14		74		11		12	
PCB 1254		18		t	1.3										
PCB 1248		29		t	1.7										
PCB (total)									0.14						
Naphthalene		130		29	t			t	0.64						
Benzo(a)pyrene		t		11	t				4.0		3.4		2.9		1.0
Fluoranthene		t		t	t				3.5		4.6		1.9		1.4
Benzo(a)anthracene		t		t	t				4.8		4.1		2.1		2.
3,4 Benzofluoranthene									4.5		3.7		3.1		1.2
Benzo(k)fluoranthene		t		t	t				4.5		3.7		3.1		1.2
Chrysene		t		t	t				4.8		4.1		2.1		2.7
Anthracene		t		t	t				3.0		3.0		1.5		0.
Benzo(ghi)perylene									3.0		1.3		1.5		0.4
Fluorene									t		0.2		t		
Phenanthrene									3.0		3.0		1.5		0.8
Indeno(1,2,3-c,d)pyrene									2.3		1.0		1.3		0.
Pyrene		t		t	t				2.4		3.6		1.5		1.2
Bis(2-ethyl hexyl)phthalate		27			16				4.0	18					

Data from @ 11/82

US EPA RECORDS CENTER REGION 5
466606

CHEMICAL RECOVERY SYSTEMS
SOIL SAMPLES

	well:	5	5	5	6	6	6	6	7	7	7	8	8	8	8	8	9	9
	depth,	0	2.5	5	0	2.5	5	10	0	2.5	15	0	2.5	5	10	15	0	2.5
mg/kg	feet	1.5	4	6.5	1.5	4.5	6.5	11.5	1.5	4	16.5	1.5	4	6.5	11.5	15.5	1.5	4
Aluminum		3400	1300	2000	3500	880	1900	3800	3500	1000	1300	1600	1200	1600	3400	3400	640	400
Chromium		3.2			39		99	3.2	88	120	130	2.7		2.7	4.5		9.5	
Cadmium		14			24	6.2	680	120	33	18		1.1	2.5	3.3	3.1	0.3	11	
Copper		300	150	14	51	14	1800	14	190	120	42	18	22	19	33	7.5	26	
Iron		3900	2100	1900	3600	2100	4200	2200	3700	2600	5800	5600	4400	3000	4800	5400	2400	3600
Lead		200	48	48	240	83	1100	1600	350	860		95	33	68	64	16	47	9.8
Nickel		28			7.8		42		23	46	88			7.9	10	8.8	13	
Zinc		6100	540	990	240	50	620	550	310	320	210	67	29	53	130	16	41	3.5
Arsenic		3.3	1.5	1.5	4.7	1.6	41	1.3	4.4	7.2		1.3	1.2	1.7	1.3	2.7	11	
Methylene chloride		t	1	t	t	t		t	t	t	2.4			t	1.1	1.13		
1,1,1 Trichloroethane		3.7									1							
1,2 t dichloroethene		t	1.6					1.4		t	13				1.1			
Tricloroethene		1.7	1				t	14		1.1	5.8			3	2.1			
Tetrachloroethene		26	1.4	5.1				2.2	1.5	1.3	21							
Benzene											2.6				t			
Ethyl benzene											240			1.3				
Toluene			t							t	520			2.2	2.2			
PCB 1254									2.5	7.6	0.8							
PCB					3.3	0.7	0.5											
Naphthalene		19							t	t	t							
Benzo(a)pyrene															14			
Fluoranthene														t	17			
Benzo(a)anthracene															18			
3,4 Benzofluoranthene														t	14			
Benzo(k)fluoranthene														t	14			
Chrysene															18			
Anthracene														t	11			
Benzo(ghi)perylene														t	12			
Phenanthrene															11			
Pyrene														t	24			

t - trace