

		#1 39488 E	#2 39432 E	#3 39232 E	#4 39014 E	#5 38886	#6 38762	#7 38777	#8 32101	#9 32010
		Archer Dr	Archer Dr	Archer Dr	Archer Dr	Pardee St	Pardee St	Lakeshore Dr	Riverdale St	Powers Dr
		Sludge	Sludge	Sludge	Sludge	Sludge	Sludge	Sludge	Sludge	Sludge
Arsenic	mg/kg	8.14	4.22	7.92	9.73	7.46	5.42	1.68	3.02	8.2
Cadmium	mg/kg	0.88	0.5	1.19	1.53	1.24	0.6		0.21	0.82
Chromium	mg/kg	24.6	13.1	28.3	39	27.7	16	5.26	8.42	22.8
Copper	mg/kg	52.6	31	59.3	74.3	53.8	30.7	4.55	21.1	42.4
Lead	mg/kg	32.5	16.6	34.9	48	33.3	17.7	13.1	6.31	26.9
Mercury	mg/kg		0.06	0.137	0.166	0.114	0.103			0.092
Nickel	mg/kg	21.6	12.1	24.9	33.2	25.1	16.2	3.76	7.19	22
Selenium	mg/kg			0.66	1.01	0.72				
Zinc	mg/kg	157	77.1	162	230	161	93.6	32.4	36.2	125

PNAs - Not Detected (<300 µg/kg)

BOD - Not Detected (<3 mg/l)

WATER RESOURCES DIVISION POLICY &
PROCEDURE - WRD-048 - Table 2

	CAS Number	Aquatic Life & Wildlife Screening Guidelines
Arsenic	7440382	33.00
Cadmium	7440439	4.98
Chromium (III)	16065831	111.00
Copper	7440508	149.00
Lead	7439921	128.00
Mercury (Total)	Varies	1.06
Nickel	7440020	48.60
Selenium	7782492	1.90
Zinc	7440666	459.00

	Sample Tag	#1 39488 E Archer Dr	#2 39432 E Archer Dr	#3 39232 E Archer Dr	#4 39014 E Archer Dr	#5 38886 Pardee St	#6 38762 Pardee St	#7 38777 Lakeshore Dr	#8 32101 Riverdale St	#9 32010 Powers Dr
	Matrix	Sludge	Sludge	Sludge	Sludge	Sludge	Sludge	Sludge	Sludge	Sludge
Arsenic	µg/kg	8,140	4,220	7,920	9,730	7,460	5,420	1,680	3,020	8,200
Cadmium	µg/kg	880	500	1,190	1,530	1,240	600		210	820
Chromium*	µg/kg	24,600	13,100	28,300	39,000	27,700	16,000	5,260	8,420	22,800
Copper	µg/kg	52,600	31,000	59,300	74,300	53,800	30,700	4,550	21,100	42,400
Lead	µg/kg	32,500	16,600	34,900	48,000	33,300	17,700	13,100	6,310	26,900
Mercury	µg/kg		60	137	166	114	103			92
Nickel	µg/kg	21,600	12,100	24,900	33,200	25,100	16,200	3,760	7,190	22,000
Selenium	µg/kg			660	1,010	720				
Zinc	µg/kg	157,000	77,100	162,000	230,000	161,000	93,600	32,400	36,200	125,000

* Assumed to be trivalent (III)

PART 201 RESIDENTIAL CRITERIA

	CAS Number	Statewide Default Background	Residential Drinking Water Protection	Groundwater Surface Water Interface Protection	Soil Volatilization to Indoor Air Inhalation	Infinite Source Volatile Soil Inhalation	Particulate Soil Inhalation	Direct Contact
Arsenic	7440382	5800	4600	4600	NLV	NLV	7.20E+05	7600
Cadmium	7440439	1200	6000	(G,X)	NLV	NLV	1.70E+06	5.50E+05
Chromium (III)	16065831	18,000 (total)	1.00E+09	(G,X)	NLV	NLV	3.30E+08	7.90E+08
Chromium (VI)	18540299	NA	30000	3300	NLV	NLV	2.60E+05	2.50E+06
Copper	7440508	32000	5.80E+06	(G)	NLV	NLV	1.30E+08	2.00E+07
Lead	7439921	21000	7.00E+05	(G,X)	NLV	NLV	1.00E+08	4.00E+05
Mercury (Total)	Varies	130	1700	50; 1.2	48000	52000	2.00E+07	1.60E+05
Nickel	7440020	20000	1.00E+05	(G)	NLV	NLV	1.30E+07	4.00E+07
Selenium	7782492	410	4000	400	NLV	NLV	1.30E+08	2.60E+06
Zinc	7440666	47000	2.40E+06	(G)	NLV	NLV	ID	1.70E+08