Residential Sample Results and Drilling Waste Impoundment Sample

Contaminant (ug/L)	New Risk based on Children's exposure	Ex. 6 - Personal Privacy			
		Pre- drilling	Pre-drilling	Pre-drilling	Pre-drilling
Aluminum	16,000		55		
Chloride	Chlorite (Sodium salt) 470	7900	10000	5300	4600
Iron	11,000	30	390	<5	120
Magnesium		5960	6500	4880	630
Manganese	380		9.8		
Methane					
Ethane					
Arsenic	4.5				

Contaminant (ug/L)	New Risk based on Children's exposure	Ex. 6 - Personal Privacy			
		Post-drilling	Post-drilling	Post-drilling	Post-drilling
Aluminum	16,000	6050	44100	4698	3290
Chloride	Chlorite (Sodium salt) 470	90700	25500	62000	11900
Iron	11,000	3390	18700	15500	24100
Magnesium		6979	17700	9340	1550
Manganese	380	361	1920	413	669
Methane		19000	5000	25000	64300
Ethane		979	77	1280	1400
Arsenic	4.5	3.1	25	37	6.5

Cabot Drilling Waste Impoundment Sample

Contaminant ppm

- Aluminum 13,000
- Arsenic 12.3
- Iron 23,300
- Manganese 516