

# ATTACHMENT A

To

ORDER No. R1-2006-0107

## GENERAL WASTE DISCHARGE REQUIREMENTS

Metals to be sampled for in background monitoring well(s):

Aluminum  
Antimony  
Arsenic  
Barium  
Beryllium  
Cadmium  
Chromium  
Cobalt  
Copper  
Iron  
Lead  
Manganese  
Mercury  
Molybdenum  
Nickel  
Selenium  
Silver  
Thallium  
Vanadium  
Uranium  
Zinc

Table of parameters to be addressed in the monitoring plan:

<b>Constituent</b>	<b>Sample medium</b>	<b>Suggested Frequency</b>	<b>Duration</b>
PH	Groundwater	Daily	During injection
PH	Groundwater	Quarterly	Until attainment of background conditions
Site specific contaminants and all breakdown products	Groundwater	Quarterly	Until attainment of background conditions
Total dissolved solids	Groundwater	Quarterly	First year
Total dissolved solids	Groundwater	Semiannually	Until attainment of background conditions
Chemical oxygen demand	Groundwater	Quarterly	Until attainment of background conditions
Dissolved O <sub>2</sub>	Groundwater	Quarterly	First year

<b>Constituent</b>	<b>Sample medium</b>	<b>Frequency</b>	<b>Duration</b>
Dissolved O <sub>2</sub>	Groundwater	Semiannually	Until aquifer returns to background conditions
Dissolved CO <sub>2</sub>	Groundwater	Quarterly	First year
Dissolved CO <sub>2</sub>	Groundwater	Semiannually	Until aquifer returns to background conditions
Temperature	Groundwater	Daily	During injection
Temperature	Groundwater	Quarterly	Until aquifer returns to background conditions
Metals (dissolved)	Groundwater	Quarterly	First year
Metals (dissolved)	Groundwater	Semiannually	Until aquifer returns to background conditions
Oxygen reduction potential	Groundwater	Quarterly	First year
Oxygen reduction potential	Groundwater	Semiannually	Until aquifer returns to background conditions
Chemical oxidant impurities	Groundwater	Quarterly	First year
Chemical oxidant impurities	Groundwater	Semiannually	Until aquifer returns to background conditions
Chemical oxidant	Groundwater	Quarterly	First year
Chemical oxidant	Groundwater	Semiannually	Until aquifer returns to background conditions
Bromate	groundwater	quarterly	Until aquifer returns to background conditions
Ozone	Air	Daily	During injection and until background levels are reached
Volatile Organic Compounds	Air	Daily	During injection and until background levels are reached