

ATTACHMENT A

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:

Constituent	Sample medium	Frequency	Duration
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
Acidic anion	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 ₂	Groundwater	Quarterly	First year

Constituent	Sample medium	Frequency	Duration
Dissolved O ₂	Groundwater	Semiannually	Until aquifer returns to background conditions
Dissolved CO ₂	Groundwater	Quarterly	First year
Dissolved CO ₂	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
Hydrogen peroxide impurities	Groundwater	Quarterly	First year
Hydrogen peroxide impurities	Groundwater	Semiannually	Until aquifer returns to background conditions
Acid impurities	Groundwater	Quarterly	First year
Acid impurities	Groundwater	Semiannually	Until aquifer returns to background conditions
Iron catalyst impurities	Groundwater	Quarterly	First year
Iron catalyst impurities	Groundwater	Semiannually	Until aquifer returns to background conditions
Hydrogen peroxide	Groundwater	Quarterly	Until aquifer returns to background conditions
Acid	Groundwater	Quarterly	Until aquifer returns to background conditions
Iron Catalyst	Groundwater	Quarterly	Until aquifer returns to background conditions
Fugitive Emissions	Air	Daily	During injection and until background levels are reached