

STANDARD CHLORINE SITE GROUND WATER DATA SUMMARY
January 2003

Media /date	Contaminant/Chemical	Concentration	Risk/Criteria Information	Actions
Ground water 8/6/02	<p>organic liquid at the bottom of 2 ground water recovery wells was sampled. The results indicate high concentrations of various organic compounds. Concentrations of the same compounds in the other 3 recovery wells were either not detected or were detected at significantly lower concentrations.</p> <p>Highest concentration of organic material found in the dense liquid in the recovery wells:</p> <p>benzene monochlorobenzene 1,2-dichlorobenzene 1,3- dichlorobenzene 1,4-dichlorobenzene 1,2,3-trichlorobenzene 1,2,4-trichlorobenzene</p>	<p>23,000 mg/L 320,000 mg/L 686,000 mg/L 23,800 mg/L 282,900 mg/L 267,000 mg/L 900,000 mg/L</p>	<p>No criteria are applicable to the free-phase organic liquid in the well. However, the standards for drinking water are identified below (this water is not used for drinking water):</p> <p>0.005 mg/L 0.1 mg/L 0.6 mg/L 0.075 mg/L 0.07 mg/L</p>	<p>The free-phase product in the recovery wells was pumped out, contained, and will ultimately be disposed as waste. The reason for removing the organic liquid was to then enable the re-activation of the ground water pump and treat system at the Site. Activation of the system with the presence of the significant amounts of organic liquid will not be efficient.</p>
Ground water 8/28/02	<p>ground water from monitoring wells at the Site was collected and analyzed for a variety of volatile and semi-volatile organic compounds. The amount of analytical data is too much to report in this table. However, the highest reported concentration in monitoring wells is:</p> <p>Benzene monochlorobenzene 1,2 - dichlorobenzene 1,3 - dichlorobenzene 1,4 - dichlorobenzene 1,2,3 - trichlorobenzene 1,2,4 - trichlorobenzene tetrachlorobenzene</p> <p>The total chlorinated benzene (MCB, DCB, TCB) in the recovery wells sampled is approximated as follows:</p> <p>RW-01 RW-03 RW-04</p>	<p>110 mg/L 120 mg/L 48 mg/L 7.8 mg/L 37 mg/L 6.1 mg/L 31 mg/L 2100 mg/L</p> <p>48 mg/L 117 mg/L 35 mg/L</p>	<p>The ground water is not used for drinking purposes at the Site. The drinking water standards are:</p> <p>0.005 mg/L 0.1 mg/L 0.6 mg/L 0.075 mg/L 0.07 mg/L</p>	<p>EPA is preparing to re-initiate ground water pumping and treatment operations at selected recovery wells. This interim solution is conducted in advance of a more permanent solution. The treatment system will include the use of carbon and not the air-stripper on the Site.</p>

