



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

L IDENTIFICATION
01 STATE: OH 02 SITE NUMBER: D04232930

HAZARDOUS CONDITIONS AND INCIDENTS

01 A. GROUNDWATER CONTAMINATION
02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: ~38,000
04 NARRATIVE DESCRIPTION
The city of Fairborn, OH uses groundwater for drinking. The water is drawn from the sand & gravel, buried valley aquifer. There are 4 wells 7.3 miles from the site that serve as the primary water supply. There are also 4 alternate wells located 1.75 miles from the site which are used during the summer months or as needed.

01 B. SURFACE WATER CONTAMINATION
02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0
04 NARRATIVE DESCRIPTION
Hebble Creek is located approx. 3/4 mile N-NW of the site. Migration of heavy metals in kiln brick to surface water route is unlikely. Kiln brick allegedly was encased in waste cement.

01 C. CONTAMINATION OF AIR
02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0
04 NARRATIVE DESCRIPTION
The site is no longer used and has a cover plus vegetative covering. Air releases are unlikely.

01 D. FIRE/EXPLOSIVE CONDITIONS
02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0
04 NARRATIVE DESCRIPTION
NONE Reported or documented by local fire official.

01 E. DIRECT CONTACT
02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0
04 NARRATIVE DESCRIPTION
The site has been covered with fill and has a vegetative covering.

01 F. CONTAMINATION OF SOIL
02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
03 AREA POTENTIALLY AFFECTED: unknown
04 NARRATIVE DESCRIPTION
There is a potential for soil contamination. There are no liners present and the landfilled kiln brick had a known percentage of chromium.

01 G. DRINKING WATER CONTAMINATION
02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: ~38,000
04 NARRATIVE DESCRIPTION
one GW well in the alternate well field was contaminated with chromium and was consequently abandoned. 3 other wells in this area were also abandoned because of the potential for contamination. The main well field is 7.3 miles from the site there is no documented contamination.

01 H. WORKER EXPOSURE/INJURY
02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
03 WORKERS POTENTIALLY AFFECTED: unknown
04 NARRATIVE DESCRIPTION
The landfill is no longer used so the potential is unlikely, however at the time when landfilling was occurring, there may have been an exposure potential; probably minimal.

01 I. POPULATION EXPOSURE/INJURY
02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 38,000
04 NARRATIVE DESCRIPTION
THERE IS POTENTIAL FOR GROUNDWATER CONTAMINATION RESULTING FROM LEACHING OF CHROMIUM FROM RESIDUAL WASTE OF SURROUNDING SOILS OF LANDFILL.