

STANDARD CHLORINE SITE MISCELLANEOUS MATERIALS DATA SUMMARY (1)
September 2003

Chlor- inated Benzene Material Aug. 02	<p>Three samples of organic material considered to be a work in progress (not yet product) inside on-Site tanks indicate the following:</p> <p>CDD/CDF (reported as toxicity equivalents, TEQ)</p> <p>PCB (as arochlor)</p>	<p>6.5-20.5 ug/kg</p> <p>6.7-42 mg/kg</p>	<p>PCB levels above 50 mg/kg are regulated by TSCA.</p>	<p>This material is contained and secured onsite, and has not yet been classified as a waste. It is presumed that total PCB concentration may be above 50 mg/kg. Additional testing will be required before any decisions regarding this material are made.</p>
Chlor- inated Benzene Material Aug. 02	<p>Four samples of organic material considered to be distilled and available as for commercial use indicate the following:</p> <p>CDD/CDF (reported as toxicity equivalents, TEQ)</p> <p>PCB (as arochlor)</p> <p>PCB (total PCBs)</p>	<p>1-22 pg/g (ppt)</p> <p>None Detected</p> <p>0.09 - 37 mg/kg</p>	<p>PCB levels above 50 mg/kg are regulated by TSCA. Dioxin levels in these products are not at levels posing threat (e.g., EPA 10⁻⁵ risk level for residential soil is 42 ppt). Product specifications will be relied upon for purity.</p>	<p>These materials are available for transfer from the Site for further commercial use.</p>
Benzene Sept. 02	<p>A sample of benzene was collected to check for impurities. The sample was 99.96% benzene</p> <p>MCB</p> <p>DCB</p>	<p>1524-4849 ppm</p> <p>189 - 1063 ppm</p>	<p>B e n z e n e specifications will be relied upon for purity.</p>	<p>This material is available for transfer from the Site for further commercial use.</p>

STANDARD CHLORINE SITE MISCELLANEOUS MATERIALS DATA SUMMARY (2)

January 2003

Glycol Sept. 02 & Waste glycol	A sample of glycol was collected to check for impurities. Approximately 300 ppm of 1,4 DCB was found along with other chlorinated benzene compounds. T&D 16 - DCB	approx 100 ppm	Ethylene Glycol specifications will be relied upon for purity.	The glycol that leaked from tank 471 (represented by the sample) was transported from the Site for off-Site disposal. No further use was identified.
OTHER 11/8/02	Samples of residue from within the on-Site boilers were collected and analyzed for CDD/CDF. This effort was completed to enable the OSC to evaluate use of boiler #3. CDD/CDF (reported as toxicity equivalents, TEQ) Boiler #1 Boiler #2 (3 samples) Boiler #3	7.9 pg/g 6.5 - 8.5 pg/g 82.9 pg/g	No known criteria are available. The dioxin levels are consistent with literature derived values for dioxin in similar residue.	Soil samples do not support a significant dioxin source from boilers. Boiler 3 was cleaned and used beginning July 2003.
Chlor- inated benzene 7/21/03	Samples of chlorinated benzene mixtures comprising the feed, take-off, and bottoms of the distillation process for Chlorobenzene Removal and Separation Project were collected and analyzed for CDD/CDF (reported as toxicity equivalents, TEQ) Feed (tank 703) Take Off (column 221) Bottoms (column 221)	27.4 ug/kg 0.1 ug/kg 72.2 ug/kg	No known criteria are available. The results suggest that distillation effectively removes dioxin from the feed material.	The take/off was sent to tank 707 for storage. The bottoms are placed into storage containers for eventual off-Site disposal.
Chlor- inated benzene 8/5/03	Samples of chlorinated benzene mixtures comprising the feed, take-off, and bottoms of the distillation process for Chlorobenzene Removal and Separation Project were collected and analyzed for CDD/CDF (reported as toxicity equivalents, TEQ) Feed (tank 703) Take Off (column 221) Bottoms (column 221)	31.4 ug/kg 0.0 ug/kg 108 ug/kg	No known criteria are available. The results suggest that distillation effectively removes dioxin from the feed material.	The take/off was sent to tank 707 for storage. The bottoms are placed into storage containers for eventual off-Site disposal.