

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

<p>Chlorinated Benzene Material Aug. 02</p>	<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>
<p>Chlorinated Benzene Material Aug. 02</p>	<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>
<p>Benzene Sept. 02</p>	<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>Benzene 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

<p>Glycol Sept. 02 & Waste glycol</p>	<p>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.</p> <p>T&D 16 - DCB</p>	<p>approx 100 ppm</p>	<p>Ethylene Glycol specifications will be relied upon for purity.</p>	<p>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.</p>
<p>OTHER 11/8/02</p>	<p>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.</p> <p>CDD/CDF (reported as toxicity equivalents, TEQ)</p> <p>Boiler #1 Boiler #2 (3 samples) Boiler #3</p>	<p>7.9 pg/g 6.5 - 8.5 pg/g 82.9 pg/g</p>	<p>No known criteria are available. The dioxin levels are consistent with literature derived values for dioxin in similar residue.</p>	<p>Soil samples do not support a significant dioxin source from boilers. Boiler 3 was cleaned and used beginning July 2003.</p>
<p>Chlor- inated benzene 7/21/03</p>	<p>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)</p> <p>Feed (tank 703) Take Off (column 221) Bottoms (column 221)</p>	<p>27.4 ug/kg 0.1 ug/kg 72.2 ug/kg</p>	<p>No known criteria are available. The results suggest that distillation effectively removes dioxin from the feed material.</p>	<p>The take/off was sent to tank 707 for storage. The bottoms are placed into storage containers for eventual off-Site disposal.</p>
<p>Chlor- inated benzene 8/5/03</p>	<p>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)</p> <p>Feed (tank 703) Take Off (column 221) Bottoms (column 221)</p>	<p>31.4 ug/kg 0.0 ug/kg 108 ug/kg</p>	<p>No known criteria are available. The results suggest that distillation effectively removes dioxin from the feed material.</p>	<p>The take/off was sent to tank 707 for storage. The bottoms are placed into storage containers for eventual off-Site disposal.</p>