

Basis for Groundwater Releases Controlled Determination
RCRIS Code CA750
at
CYRO Industries Facility
EPA ID No. MED040249096
Route 109 Sanford, ME

The purpose of this report is to provide the basis for determining that the CYRO Industries Facility can be recorded with the status code of **YR** under the RCRIS Event Code of CA750-- Groundwater Releases Controlled.

Based on the information available/reviewed, and subject to the limitations cited below, groundwater releases are controlled by source removal and natural attenuation. This determination is based on the conclusions described in number 1 below and supplemented by additional facts in number 2 and 3 below and the references listed in number 4 below.

1. **CONCLUSION**

Groundwater releases above action levels have been controlled by a combination of source removal and natural attenuation based on current contaminant concentrations and current site conditions.

2. **RELEASE SUMMARY**

- Soil: Compounds of potential concern are all poly-aromatic hydrocarbons (PAHs); benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene.
- Groundwater: Compounds of potential concern are bis(2-ethylhexyl)phthalate, chloroform, tetrachloroethane, and 1,1,1-trichloroethane, and trichloroethene.

3. **RELEVANT CONDITIONS & ASSUMPTIONS**

- Contaminated site soils have been removed as a result of three soil excavation interim measures.
- Groundwater contamination is decreasing over time. No exceedances of MCLs have been observed in the last two rounds of groundwater sampling. The area of historical contamination is contained entirely within the facility property.

4. REFERENCES

- A. Phase I Interim RCRA Facility Investigation Report CYRO Industries, Inc., December, 1992.
- B. December 1995 Monthly Progress Report, CYRO Industries, Inc., January, 1996.
- C. May 1996 Monthly Progress Report, CYRO Industries, Inc., June, 1996.

4. SIGN OFF

Prepared by E. W. Date 01-26-97
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Approved by Matthew Hoagland Date 9/29/97
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RCRA Corrective Action Section