

Basis for Human Exposures Controlled Determination
RCRIS Code CA725
and
Basis for Groundwater Releases Controlled Determination
RCRIS Code CA750
at
Dow Chemical Allyn's Point Plant
EPA ID No.
Route 12 Gales Ferry, CT

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 CA725-- Human Exposures Controlled and the RCRIS Event Code of CA750-- Groundwater Releases Controlled.

Based on the information available/reviewed, and subject to the limitations cited below, there are no current unacceptable risks to humans due to releases or uncontrolled groundwater releases at the Facility. 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. CONCLUSIONS

There is no unacceptable human exposure to any contaminant concentration above action levels that has been detected or is reasonably suspected based on current contaminant concentrations and current site conditions.

There are no groundwater contaminant concentrations above action levels that has been detected or is reasonably suspected based on current contaminant concentrations and current site conditions.

2. RELEASE SUMMARY

- Soil: Compounds of potential concern are Acetone, Benzene, Bromoform, Carbon tetrachloride, Chloroform, Ethylbenzene, Methylene chloride, Styrene, Tetrachloroethylene, and Xylene
- Groundwater: Compounds of potential concern are Benzene, Benzo(a)anthracene, Bis(2-chloroethyl)ether, Bromoform, Carbon tetrachloride, Chloroform, 1,2-Dichlorobenzene, Ethylbenzene, Methylene Chloride, Phenanthrene, Tetrachloroethylene, Trichloroethylene and Xylene

3. RELEVANT CONDITIONS & ASSUMPTIONS

- Soil contamination above action levels has been removed from two areas and shipped for off-site disposal. Further contamination in a third area was removed to an on-site Corrective Action Management Unit (CAMU). Contaminated soils already located within the CAMU and soils transferred into the CAMU have been isolated beneath an asphalt cap for treatment by soil vapor extraction and will be isolated by that cap from any uncontrolled human exposure for the duration of treatment by soil vapor extraction.
- Groundwater contamination is below Media Cleanup Standards established for the site.

4. REFERENCES

- A. The Dow Chemical Company, Allyns Point Plant Voluntary RCRA Corrective Action Project Corrective Measures Study Report. January 12, 1996.
- B. The Dow Chemical Company, Allyns Point Plant Administrative Order on Consent (Docket No. RCRA-I-97-1015) May 6, 1997.
- C. Memorandum to site file dated March 31, 1998.

5. SIGN OFF

Approved by E-W-W Date 3-31-98
Ernest Waterman, Acting Chief
RCRA Corrective Action Section