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March 17, 1992
Project No. 3-30112-31

City of Newark
37101 Newark Boulevard
Newark, CA 94560

Attention: Ms. Jackie Bretschneider

Subject: Additional Requirements for Clarifier Sump Closure
ICI Systems Products
38403 Cherry Street, Newark, California

Dear Ms. Bretschneider:


As was discussed during our telephone conversation on March 9, 1992, the City of Newark and Alameda County Water District (ACWD) are in general agreement with RESNA Industries Inc., Clarifier Sump Closure Plan and Addendum to Clarifier Sump Closure Plan dated February 13 and 26, 1992, respectively. However, ACWD voiced concerns relating to: (1) the analysis of samples collected, (2) site restoration, and (3) the section of piping located between the clarifier sump and associated pond.


1. The analysis of "source" liquid samples revealed the presence of toluene, ethyl benzene, and xylenes. ACWD stated that the presence of petroleum hydrocarbons may have contributed to the detection of these compounds and requested that sample analysis include total petroleum hydrocarbons as gasoline and diesel (TPHG and TPHD, respectively). Samples collected during the sump closure project will be analyzed for TPHG and TPHD.
2. RESNA's Clarifier Sump Closure Plan stated that the excavated areas will be backfilled "to an engineered compaction rate and resurfacing those areas with hot asphalt." ACWD requested that a 3- to 4-foot thick layer of clay be placed near the ground surface to act as a migratory barrier in the event that chemicals or hazardous materials are spilled. Site restoration will include the placement of the clay layer, an 8- to 12-inch layer of baserock to support the paving, and a hot asphalt cap.
3. The section of piping between the sump and pond was not addressed in either the Clarifier Sump Closure Plan or its related addendum. RESNA was informed that the sump closure can take place without the removal of this section of piping, however, the City of Newark and/or ACWD retain the right to request its removal in accordance with the appropriate regulatory guidelines.

This completes the closure plan requirements as directed by the City of Newark and/or ACWD. RESNA will proceed with the sump closure upon the acceptance of the permit application that was submitted to Ms. Sukla De of your office. RESNA will provide the City with at least a 24 hour notice prior to collecting samples.

If you have any questions, please call (510) 440-3300.

Sincerely,
RESNA Industries Inc.


Britt Von Thaden
Project Geologist


Christopher M. Palmer, C.E.G. 1262
Senior Program Geologist

BVT/CMP/sr
Attachments

cc: ~~Mr. Ravi Arulanantham, Alameda County Health Care Services Agency~~
Mr. Steven Inn, Alameda County Water District
Mr. Jim Piazza, ICI Thoro System Products, Newark, California
Mr. Gary Lopez, ICI Thoro System Products, Miami, Florida
Ms. Carol Dickerson, ICI Americas, Richmond, California

