

Revised 10/14/71

PHASE II - PLANNING SCOPE & COST ESTIMATES

Completion: Earliest completion 7/1/71

Status on 10/14/71

Latest completion 10/1/71

Phase II

Capital & Expense.

1. Water Reduction 800 gpm to 200 gpm \$280,000
Reduction to 550 gpm has been accomplished.
 - a. New fume scrubbers-packed bed instead of drowning jet Completed Aug. 1971
 - b. Recycle vacuum jet water with surface condensers rather than direct contact condensers Indefinitely deferred.
This water is a negligible source of PCB.
 - c. Re-use water for direct contact requirements Indefinitely deferred.
Direct contact requirements have been eliminated.
 - d. Carbon disposal improvements and repair acid sewer Project under design;
target completion Dec. 1971.
 - e. Re-route sewer Project in premise and evaluation stage --
potentially cost not consistent with benefit.
2. Cleanup Potential Waste Streams \$21,000
 - a. Improved off-gas knockout tank Completed January 1971
 - b. Improved liquid-liquid coalescer separator Indefinitely deferred.
Not needed with improved knockout tank above.
3. Spill Containment \$53,900
 - a. Process drips collection Completed, but training and emphasis continues.
 - b. Curbs and pads for containing potential spills Completed September 1970
4. Complete Upgrading of Limestone Pits \$80,000
Completed August 1971

DSW 150417

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