Anniston

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Monsanto

Anniston Plant

TECHNICAL SERVICES DEPARTMENT

MONTHLY REPORT

Summary

SEPTEMBER 1970 CONFIDENTIAL

Read and destroy

AROCLOR WASTES

Current Level

Aroclor losses during September averaged 32#/day (2600 ppb). Fluctuation of losses occurred and were caused by:

1. The old limestone pit was overloaded with and discharged solids containing PCB.

2. Use of detergent to clean the Aroclor department resulted in emulsification and decreased efficiency of the department sump.

3. Variable sewering of Muriatic Acid which, at high rates, causes PCB carrythrough from old limestone pit.

4. The new limestone pit not discharging any PCB to the plant effluent.

Alabama Water Improvement Commission Contacts

Contacts with AWIC Technical Staff were made to arrange to discuss program and results. Illness of staff members and press of other business prevented their meeting with us in September. We are now able to inform them that the new limestone pit was started up on September 23. To date the PCB level in this pit effluent has been from 0-3 ppb on five 24-hour composite samples (corresponding plant effluent was 90-240 ppb or 1.1-2.8 #/day). This supports the premise for interim action that Anniston's major discharge originated in the old limestone pit. Acid samples show that the new pit has neutralized 100% of the HCl which has been sent to the pit.

MONS 033847

AN-806

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Spills

One drum of Therminol fell from a fork lift and broke open. Approximately one gallon entered the sewer. The rest was absorbed in the chat and was cleaned up.

Projects and Evaluations

The Pollution job status report is attached.

Data input for solid wastes containing PCB has been completed. A report will be published the first week in October.

Preliminary evaluation for removing spent carbon from the HCl carbon towers without dumping into the sewer is in progress. Sewer relocation and sump revisions will be required.

Feasibility of pumping the limestone pit sludge will be determined in October test. This will reduce cost of periodic pit cleanout.

AFE 3605 was forwarded for approval to contain/decrease Aroclor department process leaks ($15,300 capital and $6,850 expense).

A test skimmer was installed in the Aroclor sump and has operated successfully in removing the built-up scum floating in the sump.

M. R. Haupt

:kd
Attachment