PROJECT PREMISE

TECHNICAL SERVICES DEPARTMENT
ANNISTON

REDUCE PCB EMISSION FROM AROCLOR DEPARTMENT

DEPT.	TSD JOB No.	pg. of
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REVISION No. 0 DATE 3/22/70

OBJECTIVE:

Eliminate visible Aroclor (PCB) from the Aroclor Manufacturing plant effluent.

SCOPE:

1. Capital Additions

This project will provide for a sump in the process sewer as it leaves the North end of the Aroclor building and the rerouting of the two sewers on either side of the building so that they also pass through this sump. This along with a system to remove the Aroclor from the sump will cost approximately $20,000. This sump will be 10'X15' and will be lined with acid proof brick.

What is "system" to remove Aroclor from sump? The system will include a pump and piping to transfer the Aroclor to a container for disposal.

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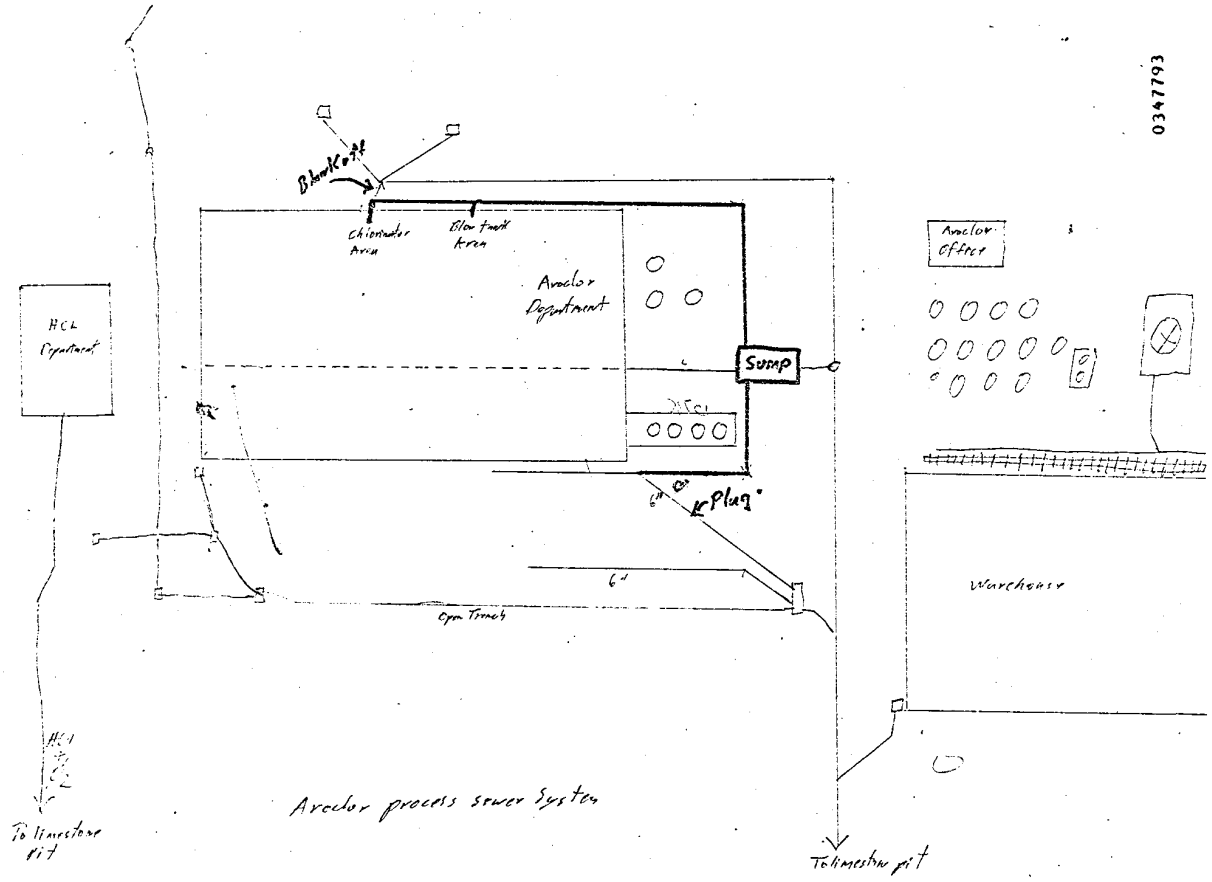
Blankoff
Chlorinator Area
Blow tank Area
Aroclor Department
HCL Department
Sump
Plug
Open Trench
Aroclor Office
Warehouse
To limestone pit
Aroclor process sewer system
To limestone pit

2. DISMANTLING:
No dismantling will be required on this project.

3. REPAIRS:
This project will require the repair of the drainage system in the chlorinator area.

4. PROCESS FEATURES:
Under present conditions, leaks and spills in the Aroclor building are collected by the sewer system and carried out of the plant.

This sump is designed to protect the plant from these leaks and spills along with Aroclor entrained in process water.

This is an initial step in lowering the PCB level in plant effluent. Future work will include studies of major process sources (HCl, Blow tank scrubbers, and still jets) and development of methods of reducing these sources to a minimum.

5. SAFETY FEATURES:
A personnel hazard will result from the size of the sump and the presence of HCL in the water. A hand rail will be provided to safeguard personnel.

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Reduce PCB Emission from Another Department

6. TENTATIVE PROJECT SCHEDULE.

AFE – 4/15/70
DESIGN – 7/1/70
Completion – 10/1/70

This premise is recommended for immediate approval.

Project Engineer		Approvals	Date
Edward C Bonk	T&D	J. C. Landmeier	3/30/70
	* Maint Prod	J. Kenney for H.E.S.	3/30/70
		H. L. Williams	4/1/70

* Received in Mail 3-30-70

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