PROJECT TRANSMITTAL

I. Title: Aroclor Process Sewer Sump

Proj. No. 3427 Date: 5-19-70 Work order No's:

Dept. No. 716.07 Premise issued: 1- 2- 3- 4-

TSD Job 370: 1051 Yes 3/20/70 (Date) No

Justification: Savings ____ $/yr., Safety ___ Air Pollution ___ Stream Pollution ✓

Other ____, Total Project Cost $22,500 Savings to cost Ratio ____

This copy

II. To: P and S Supervisor J. O. HOUSE (5 copies)
Prod. Supvr.: R. A. HAYDEL
Other: ____

Circulate To:

		Date:	Initial:
Safety Engr.:	P. K. WARD		
Prod. Supt.:	H. L. WILLIAMS		
Maint. Supt.:	H. E. SCHULTE		
TSD Supt.:	J. C. LANDWEHR		
Plant Mgr.:	G. L. JESSEE		
Other:	V. R. HRUPT W. F. TAFFEE		

Return To: E. E. Bowles Project Engr.
J. L. Etheredge

III. Attached is:

___ Partial Pkg. (Complete Pkg. by ____)

X Complete Pkg.

___ Revised Pkg. (Revision ___ to Pkg. of ___)

Shutdown Req'd (if known) Yes ✓ No ___ Est. Duration (Shifts) 1
Safety Review Held (Scheduled) Yes ____ ____ No ____

IV. ____ Date Issued

Manpower Requirements List — ATTACHED 5-20-70

Procurement - Material List — ____

Special Requisitions — ____

Drawings:
TSD- 1266-P1-0 — ATTACHED 5-20-70
TSD- 1266-P2-0 — ATTACHED 5-20-70
TSD- ____
TSD- ____

DSW 552023

STLCOPCB4090440

TSD

Project Transmittal (cont'd)

Work Description — ATTACHED

IFO

Equipment Data

Edward C Bork — Johnnie Etheredge
Project Engineer

DSW 552024

STLCOPCB4090441

ANNISTON PLANT Sheet____ of____

MANPOWER REQUIREMENT SHEET

Job Description	TSD Job	Date
AROCLOR PROCESS SEWER SUMP	370-1051	5-19-70
Estimated By	**Estimate No.**	**Department**
E.E.B. — J.L.E.	3427	916.07

Item No.	Description of Item	Labor - Man Days							
		MW	P	PF	MASONS	W	C	L	E/I
1	INSTALL SUMP		6	20	40	1	27	40	5

DSW 552025

STLCOPCB4090442

WORK DESCRIPTION

AROCLOR PROCESS SEWER SUMP

This project provides for the installation of a sump in the process sewer north of the Aroclor Department. This sump is designed to collect undissolved Aroclor present in the waste water stream.

The sump will require the removal of approximately 250 cubic yards of earth for the sump location and the grading of the south east corner of Duncan and 6th street. The corner is to be graded 2 inches below curb and covered with 2 inches of gravel. Some of the excess dirt is to be placed under the pipe bridge to permit drainage to the east. The remaining excess dirt is to be hauled away.

To connect the total process drainage from the Aroclor department to the sump will require relocating the 12 inch sewer at the north end of the Aroclor building and laying two new 8 inch sewers, one each on the East and West side of the Aroclor department as shown on drawing D-1266-P1-0. All pipe to be vitrified clay and laid according to Monsanto standard

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AB.2 STD 9 class "A". All pipe joint materials are to be sulphur cement, Monsanto standard AB.2 STD 3 materials 2.7.1-d.

The sump is to be constructed of reinforced concrete with acid resistant brick lining. An acid resistant membrane is to be placed between the acid brick and the concrete walls and floor per drawing D-1266-P2-0.

The pump to remove the Aroclor is to be a Randolph model 610 or equal. The pump assembly is to consist of a 1/4 hp. - 115 volt, 60 cycle, single phase, 1725 RPM, totally enclosed, fan cooled, ball bearing motor and 30 feet of 3/4 inch OD. by 1/2 inch ID Tygon Tubing.

DSW 552027

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