

10/23/70
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AUTHORITY FOR EXPENDITURE \$230,000.00 INCLUDED IN DIVISION FORECAST ☐ HAD NOT INCLUDED IN DIVISION FORECAST		PROJECT # 70-242 ORIGINATING CODE # 9874
DATE <u>October 23, 1970</u> TIME REQUIRED TO COMPLETE <u>10 Months</u>		
FORECAST DISBURSEMENTS: \$10,000-1st Q. \$60,000-2nd Q. \$150,000-3rd Q. \$55,540-4th Q.		
Chemolite Sludge Dewatering Facility		Sludge Dewatering
DIVISION <u>Staff Manufacturing</u> CHEMOLITE 0671	CHEMOLITE 0671	
DESCRIPTION Design, purchase and install a vacuum filtration system to dewater waste sludge generated at the Chemolite waste water treatment plant.		
JUSTIFICATION ☐ VOLUME EXPANSION ☐ COST REDUCTION ☐ QUALITY IMPROVEMENT ☐ PROJECT DEVELOPMENT ☐ SAFETY ☒ MAINTENANCE ☒ OTHER <u>Pollution Control</u>		
JUSTIFICATION An improved method of disposal is needed to handle the waste sludge produced at Chemolite. The present method of dumping wet sludge into landfill areas on the site cannot be continued because land area is becoming limited and because of the potential pollution from organic contaminants leaching into the underground water supply serving our plant wells. This problem together with the large volume and high water content make it impractical to haul the sludge to off-site public or private landfill areas.		
Currently about 2.5 tons/day of sludge is generated at the waste treatment plant. This will increase to 5 tons/day when the new incinerator starts operation. Current sludge is primarily iron oxide and paper pulp from the Phase I primary treatment unit and waste activated sludge from the Phase II treatment process. It is accumulated in two holding tanks until they are full and then hauled by truck as 4% solids to a large open sludge pit. The existing pit has capacity for only another 12 months.		
WORK COST SUMMARY		
LIFE 20 15 15 15	BUILDING CONSTRUCTION Vacuum Filter and Mixer Pumps, piping, conveyor and building Light and power	41,100 54,100 7,000 45,000
TOTAL 225,500		
APPROVED BY: <u>M. H. Sames</u> DATE: <u>10/23/70</u>		
D. E. Pedersen J. I. [unclear] C. E. [unclear] G. B. Larson	A. R. Diecklin H. E. Wardian	D. H. [unclear] D. [unclear]

(189) AB

Exhibit
1085
State of Minnesota v. 3M Co.,
Court File No. 27-CV-10-28862