Monsanto, Illinois

March 10, 1961

cc: Messrs.
R. E. Bilger - JFQ
P. E. Heisler
D. B. Hosmer - G. O.
G. L. Jessee
E. E. Martin
J. A. Mullendore
T. M. Patrick - Res.
N. L. Sample - G. O.
R. E. Soden

Ref: Your Memo Dated 2/7/61

Mr. R. L. Miller

General Offices

Sub: PYDRAUL A-200 (OS-95): EVALUATE MANUFACTURE AT W.G.K. PLANT

We have evaluated the manufacture of Pydraul A-200 at the W. G. Krummrich Plant as requested in your memo of 2/7/61. Pydraul A-200 is 99% Aroclors 1242 (33%) and 1248 (66%) with a little Santolube 393, Santolube 70, and DCF. The product is presently manufactured at the J. F. Queeny Plant. However, more than 99% of these raw materials are manufactured at the W. G. Krummrich plant, and none at the J.F.Q. Plant. Calculated net savings at W.G.K. are $7,200 (B. T.) based on annual production of 2,200,000 pounds and $15,000 capital additions for blending facilities.

Department 246 (Aroclors) is the most economical site for the production of Pydraul A-200 at W.G.K. Estimated manufacturing cost for the product is $9.5416/cwt. (based on 1/1/61 Aroclor cost standards). The J.F.Q. plant manufacturing cost was $9.713/cwt. through November, 1960. However, due to the variance in raw material prices each month, these figures are not a true comparison for determination of possible savings. Tabulated savings are as follows:

Freight Savings	$8,100
Less Increased Depreciation	$ 900
Net Annual Savings	$7,200 (B. T.)

Should be 15% of $21,500 = 3,220

8100
3220
11320

Other intangible benefits derived through manufacture at W.G.K. are reduction in interplant scheduling problems and exposure to contamination.

If we can be of any further help, please let us know.

H. F. Ray

~~H. F. Ray~~

D. E. Lewis

D. E. Lewis
Plant Technical Services

Say $5000

djd

DSW 329666

STLCOPCB4076309

MONSANTO CHEMICAL COMPANY PRODUCTION COST ESTIMATES Krummrich PLANT

PRODUCT Pydraul A-200 DEPT. NO. 246 EFFECTIVE DATE 1/1/61

YIELD ON _____ % CAPACITY _____ INVENTORY STANDARD _____

YIELD ON _____ % COST UNIT 100# INVENTORY COST _____

MATERIALS

	THEORY	QUANTITY PER UNIT	PRICE PER LB. OR GAL.	UNIT COST
Aroclor 1242	32	99	08910 2	9394
Aroclor 1248	65	99	08594 5	6712
Santolube 393		50	15020	0754
Santolube 70		50	32110	1613
DCF 200		02 2	98000	0293
RAW MATERIAL WAREHOUSING & HANDLING				041
GROSS TOTAL MATERIALS			8	8807
CREDITS				
TOTAL CREDITS				
NET TOTAL MATERIALS			8	8807

MONTHLY PRODUCTION BRACKETS

	WGK UNIT COST	WGK AMOUNT	UNIT COST	AMOUNT	UNIT COST	AMOUNT	UNIT COST	AMOUNT
MATERIALS	8	8807						
STEAM		0100						
ELECTRICITY		0930						
COMPRESSED AIR		0100						
WATER-PURCHASED		--						
WATER-PLANT		--						
FUEL-GAS, COAL, OIL		--						
REFRIGERATION & ICE		--						
LABOR		1438						
SUPERVISION		0273						
S S TAX & COMP INS. PENS.		0131						
REPAIRS-EQUIPMENT		0821						
REPAIRS-BUILDING		--						
SUPPLIES		0136						
LABORATORY		1090						
CLOTHING & LAUNDRY		0223						
		--						
TOTAL DIRECT CONV.		5242						
DEPRECIATION		0682						
FACTORY INDIRECT EXPENSE		0685						
TOTAL INDIRECT CONV.		1367						
TOTAL PRODUCTION COST	9	5416						
OPERATING PERIOD	DAYS	SHIFTS	DAYS	SHIFTS	DAYS	SHIFTS	DAYS	SHIFTS
LABOR HOURS	10 @	1	@		@		@	
STEAM M LBS.								
ELECTRICITY C KWH								
COMPRESSED-AIR M CF								
WATER-PURCH. M CF								
WATER-PLANT M GAL.								
LABORATORY HRS								

DIRECT CONVERSION COST

INDIRECT

IN 48

DSW 329667

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