

CONOCO

Interoffice Communication

To Pat Haugen
From Paul Despres
Date March 16, 1981
Subject Sale of VCM Plant By-Products

I spoke with Mike Sweet over the phone on March 10 concerning the possible sale of our by-product chemicals to Trueger Chemical Company in Springfield, N.J. Mr. Sweet referred me to you as the person to contact on this account. I'm acting on an inquiry from Trueger Chemical in the form of a letter that was sent to R. E. Lehmkuhl and distributed to all the chemical plant managers. I have enclosed a copy of the letter for your reference.

To help you in your dealings, I have enclosed the information requested by Trueger Chemical concerning the current inventories, production, compositions and prices of our available by-products. To give you a basis to work from, our light ends stream is currently being sold to Vulcan Materials Company in Birmingham, Alabama for \$0.025 per pound. Conoco pays \$0.0175 per pound shipping fee for the transfer (March 1). We now pay PPG Industries here in Lake Charles \$0.0175 per pound to dispose of our tars, or heavy ends. Shipping costs raise that to \$0.0221 per pound. Also, the tars are classified as a hazardous waste by the EPA and their transportation requires manifesting and reporting.

The material compositions I have listed on the attached sheet are typical values based on monthly averages over a period of time and may vary somewhat.

If you have any questions or need further information on these two streams, please don't hesitate to contact me at ETN 640-5078.

Paul D. Despres
Paul D. Despres
Process Engineer

br
CC:
JAD-GLF-JWW-DLD-JGD

per JGD 4/14
- Vulcan current customers
- light ends price - 2-3 cpp
- desire 5 cpp +
- end use

4/14
- no interest in VCM
per Dr. E. L. Trueger

CWH 000008566

	<u>LIGHT ENDS</u>	<u>HEAVY ENDS</u>
Current Inventory, lbs. (March 1, 1981)	596,000	0 ¹
Monthly Production, lbs. (Monthly Averages, June 1980 thru January 1981)	426,000	970,000
Price, \$/lb.	0.025	(0.0221)

¹We try to minimize heavy ends storage in the plant; they are shipped out as soon as they are produced.

<u>LIGHT ENDS ANALYSIS¹</u>	<u>WT. %</u>	<u>HEAVY ENDS ANALYSIS²</u>	<u>WT. %</u>
Ethyl Chloride	35.7	1,1,2-Trichloroethane	52.5
Chloroform	33.1	1,2-Dichloroethane	13.3
Carbon Tetrachloride	11.3	Bis(Chloroethyl)ether	3.3
Ethylene Dichloride	5.1	2-Chloroethanol	1.2
Vinyl Chloride	2.2	1,1,2,2-Tetrachloroethane	0.8
Cis - 1,2-Dichloroethylene	5.1	Perchloroethylene	0.3
Trans - 1,2-Dichloroethylene	0.6	30-40 Chlorinated	28.6
Vinylidene Chloride	0.5	C ₄ 's and heavier	
Ethylene	0.3		
Water	56 wt. ppm		
2-Chloroethanol	0.094 wt. ppm		
	100%		100%

¹Monthly Averages, 1980.

²Compiled July, 1980.

INTER OFFICE COMMUNICATION

TO : PAT HAUGEN

FROM : PAUL DESPRES

DATE : MARCH , 1981

SUBJECT: SALE OF VCM PLANT BY-PRODUCTS

I spoke with Mike Sweet over the phone on March 10 concerning the ^{possible} sale of our by-product chemicals to Trueger Chemical Company in Springfield, N.I. Mr. Sweet referred me to you as the person to contact on this account. I'm acting on an inquiry from Trueger Chemical in the form of a letter that was sent to R.E. Lehmkuhl and distributed to all the chemical plant managers. I have enclosed a copy of the letter for your reference.

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Paul D. Despres
Process Engineer
Lake Charles VCM Plant

CC: JAD - GLF - JWW - DLD - JGD

	<u>LIGHT ENDS</u>	<u>HEAVY ENDS</u>
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PRICE, \$ / lb.	0.025	(0.0221)

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CWH 000008571

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Ethyl Chloride	35.7	1,1,2-Trichloroethane	52.5
Chloroform	33.1	1,2-Dichloroethane	13.3
Carbon Tetrachloride	11.3	Bis (chloroethyl) ether	3.3
Ethylene Dichloride	5.1	2-Chloroethanol	1.2
Vinyl Chloride	2.2	1,1,2,2-Tetrachloroethane	0.8
Cis-1,2-Dichloroethylene	5.1	Perchloroethylene	0.3
Trans-1,2-Dichloroethylene	0.6	30-40 Chlorinated	28.6
Vinylidene Chloride	0.5	C ₄ 's and heavier	
Ethylene	0.3		
Water	56 wt. ppm		
2-Chloroethanol	0.094 wt. ppm		
	100.0%		100.0%

¹ Monthly Averages, 1980.

² Compiled July 1980.

CWH 000008572

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Number of Sheets

State

L.E. Reflux Analysis, Monthly Average

Month	EDC	VCM	ETCL	Vinylid	Trans	1,1 DCE	Chloro	Cl ₂	HCCL ₃	CCl ₄	Tol	1,1,2,2	chloral	C ₂ H ₂	Feed pH	S-102 pH	Shipments H ₂ O	2-Chloro
JANUARY	9.4	1.8	39.4	.524	4.5	1.202	↔	↔	38.1	6.2				.77	9.1	7.4	573	.001
FEBRUARY	9.00	2.30	37.56	.60	4.56	.013	↔	↔	39.89	8.05				.279	9.96	7.25	51.3	.024
MARCH	9.23	1.26	32.97	.64	1.38	6.27	↔	↔	39.80	9.56				.194	9.45	7.15	67	.055
APRIL	7.3	1.6	37.2	.61	.041	5.44	↔	↔	34.5	13.2				.16	9.8	7.3	56	.134
MAY	7.43	2.62	42.02	.61	.019	5.53	↔	↔	29.34	11.18				.22	8.45	7.30	—	—
JUNE	6.2	2.0	33.4	.63	.04	6.8	↔	↔	36.5	14.0				.19	9.0	7.3	68	.216
JULY	9.2	1.95	31.5	.83	.04	6.0	↔	↔	34.4	15.4				.23	7.6	6.0	—	—
AUGUST	7.19	1.37	35.7	.51	.021	5.62	↔	↔	36.16	13.3				.227	9.59	7.50	64	.197
SEPTEMBER	8.88	1.22	30.51	.136	.032	5.17	↔	↔	36.26	15.38				.22	9.58	7.17	—	—
OCTOBER	14.1	5.3	34.0	.55	.084	5.7	↔	↔	29.8	9.2				.60	8.1	7.0	—	—
NOVEMBER	13.2	1.9	36.1	.70	.004	4.43	↔	↔	34.7	7.6			.044	.41	7.3	7.0	61.3	.089
DECEMBER	13.9	3.20	37.89	.48	.79	4.98	↔	↔	27.77	12.08				.18	9.05	7.34	67.0	.033
	9.58	2.19	35.67	.568	.959	6.25	↔	↔	34.8	11.26				.31	—	—	40.0	—
Year	9.6	2.2	35.7	.57	.46	6.23	↔	↔	34.8	11.3				.31	—	—	41.0	—
Monthly					.58	5.06	↔	↔	33.1					10				
(Yearly)	4	6	1	9	8	5	↔	↔	2	3							11	12
	AREA	%	ASSUMED	TO BE	WT %												N.A.	ANALYZED

L.E. Reflux Analysis, Monthly Average

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