



Interoffice Communication

To Mr. Homer L. Hackett, VCM Plant, Lake Charles, LA

From E. A. Setzkorn, Ponca City, Oklahoma

Date September 16, 1980

Subject ANALYSIS OF INCINERATOR AND CARBON-TREATED INCINERATOR ACIDS

LCVCP-I-80-123 T-960-A "Green Acid" 30% HCl

LCVCP-I-80-124 Carbon Treated Acid 30% HCl

LCVCP-I-80-125 C-901-B 8-21-80 12.6% HCl

LCVCP-I-80-126 C-901-A 9-5-80 12.6% HCl

LCVCP-I-80-138 C-901-A 9-20-80 24.3% HCl

The metals analyses, and organics (TOC) analyses on samples No. 125 and 126, have been completed. The results are shown as follows:

Element ppm	Sample Nos.		Element ppm	Sample Nos.		
	123	124		125	126	138
Ni	91	94	Ca	16	4.6 ^x	4.0
Fe	33	.32	Fe	6.4	2.3 ^x	4.8
Cr	27	28	Na	4.1	3.8 ^x	6.0
Mo	23	.04	Ni	1.7	.89	5.7
Ca	6.3	7.9	Mg	1.4	1.2 ^x	1.1
Na	5.6	5.9	Cr	.76	.31	1.7
Mg	1.6	1.8	Zn	.44	.03	<.25
Al	1.3	8.3	Al	.29	.59 ^x	.26
Mn	1.1	1.2	Mn	.16	.08	.16
Sb	.69	.57	Cu	.15	.17	.29
Zn	.60	.42	Mo	.14	.17	1.2
Cu	.56	.02	Ba	.06	.03	.03
V	.51	.47	B	.04	.02	<.05
Ti	.18	2.2	Ti, Ag, V & Sr	.03	.03	.034
Ba	.10	.20	Tl	<.5	<.5	<.5
B	.06	.04	Pb & Sb	<.25	<.25	<.25
Sr	.05	.10	Sn	<.1	<.1	<.1
Cd	.02	.02	Cd	<.02	<.02	<.02
Be	.01	.01	Be	<.005	<.005	<.005
Tl	<.5	<.5				
Pb	<.25	<.25			2.75	Ag <.03
Sn	<.1	<.1				V <.25
Ag	<.03	<.03				Sr .026

Sample No.	TIC*	ppm	TOC†
LCVCP-I-80-125	12		46
LCVCP-I-80-126	12		53

* Total inorganic carbon

† Total organic carbon

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