

CHEMICALS



INTEROFFICE / LAKE CHARLES

TO B. Peard

DATE May 14, 1984

FROM M. Wood

SUBJECT EPA Inspection Report
for 2/28 and 2/28/84

Following are comments on the Lab Deficiencies noted in the Inspection Report and the corrective action taken. I have also prepared a summary of the EPA and PPG results on the samples. You may wish to file this with the Inspection Report that I am returning to you.

Lab Deficiencies

1. "Anal. methods used are not properly referenced for all parameters."

Comment: Corrected - see H.J. Hoenes's memo 3-21-84.

2. "QA results are kept in lab worksheets, but they are not compiled or charted to determine quality control trends."

Comment: Corrected - See above; LL-242 not complete but data being generated for charts.

3. "Plastic bottles are used for compositing samples for total chlorinated hydrocarbons on outfalls 010, 018, and 118, instead of glass."

Comment: Containers ordered 3-20-84 have not been received. Vendor is to ship 5-10-84.

4. "Spiked samples not regularly analyzed (10%) for all required parameters."

Comment: Corrected - see H.J. Hoenes's memo 3-21-84

MW/ce

cc: W.H. Cooper
H.J. Hoenes

Attachment

SL 023207

SUMMARY OF COMPARISON OF PPG/HOUSTON EPA LAB DATA

(mg/L)

	<u>PPG</u>	<u>EPA</u>
<u>Outfall 018</u>		
BOD ₅	7.2	5
TOC	8.8	14
TSS	18	20
Total ClHyd	0.15	0.36* (excluding bromo and bromo/chloro cpds;
<u>Outfall 118</u>		
BOD ₅	Inappropriate parameter	165
TOC	263	Not reportable due to method interferences preventing the obtaining of reliable value.
TSS	63	167
Total ClHyd	28.3	19.4*
<u>Outfall 010</u>		
Cr	<0.005	<0.02
Total ClHyd	9.0	5.7
<u>Outfall 111</u>		
Hg	0.002	0.0012
<u>Outfall 011</u>		
Hg	0.009	0.0100
<u>Outfall 017</u>		
TSS	1	13
Pb	0.003	<0.030
<u>Outfall 019</u>		
TSS	58	122

* See attached memo from Houston EPA Lab; also, they referenced wrong method and did not report anal. date.

SL 023208