

J. R. Savage - General Office

May 6, 1971

H. S. Bergen

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APRIL 1971 PCB REPORT

W. B. Papageorge
General Offices

A. W. G. KRUMDRICH PLANT

I. PCB Level In Sewer

Aroclor losses for the month of March and through April 18 are attached. Losses from Dept. 246 appear higher than previously reported due to rerouting of several department flows including some that contain thermanol units. The Pollution Group will try to find a new sample location which will isolate the Aroclor Department losses.

II. Program To Eliminate Sewered PCB's From Using Departments

A. Thermanol Unit Change-Outs

<u>Dept.</u>	<u>Status</u>
255	Complete
222 - ONA	Complete
222 - PNA	Drained in April
244	Complete
243 (4 units)	3 units complete. 4th unit will be changed out by 5/7.
270	Completed in April.
275	Completed in April
258	Completed in April
275	Department down and unit drained. Will complete project work for operation with T-66 by end of May.
245	Scheduled to be changed out by 5/15.
239	Scheduled for mechanical completion by May 15.

B. All units using Pydraul A-200 in Dept. 251 changed out to Pydraul A-200B.

C. Continuing to drum liquid caught at catch tank at Dept. 218. Drumming of liquid caught at catch tanks at Dept. 217 started about mid-April. Program begun to determine PCB sewer losses resulting from Aroclor carried out as vapor in the HCl off-gas from the Aroclor Department. Drowning jet at Dept. 218 and CS acid scrubbers at Dept. 217 are potential points of entry to the sewer.

B. ANNISTON PLANT

PCB Levels In Sewer

Current level Aroclor losses during April 1971 averaged 0.65#/day (71 ppb).

Project Evaluations

1. #1 HCl pit will not be used until PR&D solids removal work is completed.
#2 HCl pit is performing well enough to permit this delay.
2. Samples from 36 storm sewers recently repaired to avoid infiltration show definite decrease in PCB. Further analytical work required to determine magnitude.
3. Engineering work resumed on collection and disposal of spent carbon from HCl Department. Premise target is 6/1.

Spills

There were no known spills of Aroclor during the month.

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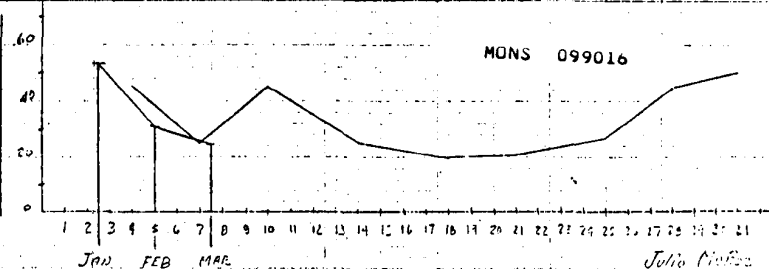
WATER PLANT

PCB LOSSES - LBS PER DAY

MARCH 1971

DATE	PCB MAIN SEWERS					WTP		DEPARTMENTS		REMARKS
	30W	20W	25B	E	254	PLANT TOTAL	INF	EFF	24L AT 24N	
3-1										
2										
3										
4	20.50	22.50	0.79	1.34	0	45.13	23.6	13.6	0.81	
5										
6										
7	22.80	3.20	0.29	0.40	0	26.29	18.3	6.8	—	
8										
9										
10	40.0	4.50	0.72	0.22	0	45.44	42.5	13.5	0.65	
11										Results of comparison for the preceding days.
12										
13										
14	22.60	2.59	1.07	—	0	26.26	22.6	2.59	1.62	
15										
16										
17										
18	11.70	7.25	0.22	0.79	0	19.96	17.5	7.25	0.56	
19										
20										* Skipped for the day
21	14.40	5.15	0.55	0.30	0	20.40	19.1	2.62	—	
22										
23										
24	19.50	7.15	0.29	0.12	0	27.06	* 600.0	* 150.0	1.00	* So 24.0 of WTP for repairs. Sediment of basin was disturbed.
25										
26										
27										
28	38.00	6.40	1.12	0.31	0	44.73	26.4	7.4	0.69	
29										
30										
31	18.60	4.27	—	0.20	0	53.07	32.0	18.3	1.35	
AVG	26.45	7.00	0.43	0.44	0	34.20	25.3	9.0	0.95	

AVG. PCB - LBS PER DAY



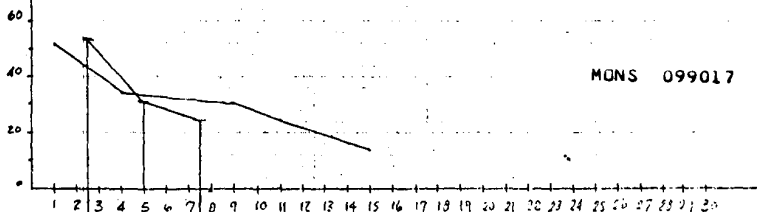
PCB PLANT TOTAL

WGR PLANT PCB LOSSES - LBS PER DAY

APRIL 1971

DATE	MAIN SEWERS				WTP			DEPARTMENTS			REMARKS
	30W	24W	25B *	E *	PLANT TOTAL	INF	EFF	246 24W	236- 37	24E	
4-1	48.60	4.27	---	0.20	53.07	32.0	18.3	1.35			* Discontinued
2											
3											
4	24.50	10.00	---	---	24.50	93.5	26.7	1.10			
5											
6											
7											
8											
9	20.60	9.65	---	0.14	30.39	81.8	6.8	1.30			
10											
11	20.30	3.98	---	---	24.28	22.6	17.3	0.37	112.0		
12											
13											
14											
15	8.10	6.65	---	---	14.75	106.0	32.3	0.76		0.63	
16											
17						29.2	9.6	1.32	25.4		
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
Avg											

AVE PCB - LBS PER DAY



JAN FEB MAR

PCB - PLANT TOTAL

Julio Jimenez