Monsanto

FROM (NAME & LOCATION): F. J. Basile, Jr. - WGK

COMPANY CONFIDENTIAL

DATE: November 29, 1976

SUBJECT: PCB FLOW DATA FOR WGK PLANT AND SAUGET VILLAGE WASTE TREATMENT PLANT

REFERENCE:

TO: M. A. Pierle - GO (E1SF)

CC: C. F. Buckley
R. W. Flint
R. L. Harness
P. E. Heisler
A. E. Leisy
P. S. Park - GO (E2ND)

I have compiled monitoring data for PCB concentrations in the effluent from the WGK Plant and in the influent and effluent from the Sauget Village Waste Treatment Plant as requested by Region V of the U.S. EPA. This data covers the period from October, 1975 through October, 1976 and should suffice to update the data which Region V has on file as reported by W. Papageorge in December, 1975.

Please forward this information to Region V.

If you have any questions, please call me.

Frank

Frank J. Basile, Jr.

mk
Attachments

DSW 355940

IN - 10 REV. 1 72

COMPANY CONFIDENTIAL

WTP = Sauget Village Waste Treatment Plant

DATE	TOTAL PLANT Conc mg/l	PCB CONCENTRATIONS AND FLOW IN EFFLUENT			
		TOTAL PLANT FLOW - GPM	WTP INFLUENT Conc Mg/l	WTP EFFLUENT Conc Mg/l	WTP FLOW MGD
10/1/75	0.032	5300	<0.010	<0.010	15.5
10/5/75	<0.010	5300	<0.010	0.012	15.5
10/8/75	<0.010	5300	<0.010	<0.010	15.5
10/12/75	0.050	5300	<0.010	<0.010	15.5
10/16/75	0.103	5300	<0.010	<0.010	15.5
10/19/75	0.035	5300	<0.010	0.011	15.5
10/23/75	0.036	5300	0.030	0.022	15.5
10/26/75	0.016	5300	<0.010	<0.010	15.5
10/29/75	0.035	5300	<0.010	0.015	15.5
11/2/75	<0.010	5300	<0.010	<0.010	15.5
11/5/75	<0.010	5300	0.019	0.012	15.5
11/9/75	0.010	5300	<0.010	<0.010	15.5
11/12/75	0.028	5300	<0.010	<0.010	15.5
11/16/75	0.231	5300	<0.010	0.017	15.5
11/19/75	0.022	5300	<0.010	0.013	15.5
11/23/75	0.020	5300	<0.010	0.013	15.5
11/27/75	0.021	5300	0.040	0.010	15.5
11/30/75	0.016	5300	<0.010	<0.010	15.5
12/3/75	0.030	5300	0.017	0.011	15.5
12/7/75	0.019	5300	<0.010	0.013	15.5
12/10/75	0.028	5300	0.017	<0.010	15.5
12/14/75	0.137	5300	0.011	0.010	15.5
12/17/75	0.027	5300	<0.010	0.012	15.5
12/21/75	0.010	5300	<0.010	<0.010	15.5
12/25/75	0.025	5300	<0.010	<0.010	15.5
12/28/75	0.012	5300	<0.010	<0.010	15.5
12/31/75	0.049	5300	<0.010	0.012	15.5
1/4/76	0.036	5300	<0.010	<0.010	15.5
1/7/76	0.034	5300	<0.010	0.017	15.5
1/11/76	0.027	5300	<0.010	0.012	15.5
1/14/76	0.026	5300	<0.010	0.012	15.5
1/18/76	0.034	5300	<0.010	0.010	15.5
1/21/76	0.022	5300	<0.010	<0.010	15.5
1/25/76	0.081	5300	0.014	0.023	15.5
1/28/76	0.438	5300	<0.010	<0.010	15.5
2/1/76	0.121	5300	<0.010	0.015	15.5
2/4/76	0.601	5300	<0.010	<0.010	15.5
2/8/76	0.179	5300	<0.010	<0.010	15.5
2/11/76	0.011	5300	<0.010	<0.010	15.5
2/15/76	0.010	5300	<0.010	<0.010	15.5
2/18/76	0.016	5300	0.022	<0.010	15.5
2/22/76	0.020	5300	0.016	0.017	15.5
2/25/76	<0.010	5300	<0.010	0.010	15.5
2/29/76	0.015	5300	<0.010	<0.010	15.5
3/3/76	0.107	5300	0.015	0.016	15.5
3/7/76	0.021	5300	<0.010	0.011	15.5
3/10/76	0.029	5300	0.017	0.021	15.5

DSW 355941

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DATE	TOTAL PLANT Conc mg/l	PCB CONCENTRATIONS AND FLOW IN EFFLUENT			
		TOTAL PLANT FLOW - GPM	WTP INFLUENT Conc Mg/l	WTP EFFLUENT Conc Mg/l	WTP FLOW MGD
3/14/76	.012	5300	<.010	<.010	15.5
3/17/76	.031	5300	.016	<.010	15.5
3/22/76	.019	5300	.012	.014	15.5
3/24/76	.083	5300	<.010	<.010	15.5
3/28/76	.100	5300	.010	.018	15.5
3/31/76	.375	5300	.018	<.010	15.5
4/4/76	.328	5300	2.020	.658	15.5
4/7/76	.024	5300	.114	.092	15.5
4/11/76	.092	5300	.050	.047	15.5
4/14/76	.042	5300	-	-	15.5
4/18/76	.108	5300	-	-	15.5
4/21/76	.050	5300	<.010	-	15.5
4/25/76	-	5300	.026	.026	15.5
4/28/76	-	5300	.022	.022	15.5
5/2/76	.136	5300	.081	.081	15.5
5/5/76	.251	5300	.043	.043	15.5
5/9/76	.100	5300	.050	.050	15.5
5/12/76	.121	5300	.074	.074	15.5
5/16/76	.106	5300	.016	.016	15.5
5/19/76	.113	5300	.064	.064	15.5
5/23/76	.022	5300	.026	.026	15.5
5/26/76	.032	5300	.030	.030	15.5
5/30/76	.018	5300	.082	.082	15.5
6/2/76	.036	5300	.039	.039	12.74
6/6/76	.012	5300	.035	.030	12.74
6/9/76	.030	5300	.036	.029	12.74
6/13/76	.048	5000	.026	.028	12.74
6/16/76	.022	5000	.013	.016	12.74
6/20/76	<.010	5000	.020	<.010	12.74
6/23/76	<.010	5000	.035	.015	12.74
6/27/76	.021	5000	.029	.033	12.74
6/30/76	.012	5000	.030	.015	12.74
7/4/76	<.010	5000	.029	.016	12.74
7/7/76	.015	5000	.028	.016	12.74
7/11/76	.024	5000	.037	.030	12.74
7/14/76	.027	5000	.054	.051	12.74
7/18/76	.184	5000	.047	.092	12.74
7/21/76	.070	5000	.036	.131	12.74
7/25/76	.024	5000	<.010	.026	12.74
7/28/76	.276	5000	.016	.023	12.74
8/1/76	.046	5000	.036	.062	12.74
8/4/76	<.010	5000	.027	.031	12.74
8/8/76	.032	5000	<.010	<.038	12.74
8/11/76	-	5000	<.010	.025	12.74
8/15/76	.019	5000	<.010	<.010	12.74
8/18/76	.015	5000	<.010	.021	12.74
8/22/76	.021	5000	.017	.012	12.74

DSW 355942

COMPANY CONFIDENTIAL

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DATE	TOTAL PLANT Conc mg/l	PCB CONCENTRATIONS AND FLOW IN EFFLUENT			
		TOTAL PLANT FLOW - GPM	WTP INFLUENT Conc Mg/l	WTP EFFLUENT Conc Mg/l	WTP FLOW MGD
8/25/76	.040	5000	<.010	.013	12.74
8/29/76	.021	5000	.010	<.010	12.74
9/1/76	.027	5000	<.010	.012	12.74
9/5/76	.032	5000	<.010	.018	12.74
9/8/76	.074	5000	.010	.011	12.74
9/12/76	<.010	5000	.059	.073	12.74
9/15/76	.023	5000	<.010	.010	12.74
9/19/76	.016	5000	<.010	<.010	12.74
9/22/76	<.010	5000	<.010	.010	12.74
9/26/76	.076	5000	.017	.017	12.74
9/29/76	.029	5000	.010	<.010	12.74
10/3/76	.036	5000	.020	.013	12.74
10/6/76	.063	5000	<.010	<.016	12.74
10/10/76	.042	5000	.072	.013	12.74
10/13/76	-	5000	<.010	.013	12.74
10/17/76	.026	5000	<.010	.042	12.74
10/20/76	.059	5000	<.010	<.010	12.74
10/24/76	.020	5000	<.010	<.010	12.74
10/27/76	.017	5000	<.010	.014	12.74
10/31/76	.032	5000	<.010	.018	12.74

DSW 355943