

FROM (NAME & LOCATION)

C. F. Buckley - WGK

DATE

March 12, 1974

CC

SUBJECT

Status - PCB Environmental
Control Program

REFERENCE

TO

J. R. Savage - B2SL

G. L. Bratsch
W. C. Engman
M. R. Foresman
P. E. Heisler
G. A. Hippe
P. B. Hodges - E1SF
A. E. Leisy/G. Johnson
D. C. Otto
W. B. Papageorge - B2SL
W. R. Richard - T3A

I. PCB Level in Sewers

February losses at 1.38 lb/day from operating departments and the incinerator compared to 7 lb/day of last month.

- A. Aroclor Department. PCB losses decreased to 1 lb/day from 2 lb/day of last month.
- B. Incinerator losses decreased to .40 lb/day from 5 lb/day of last month.
- C. Waste Treatment Influent. Losses averaged 7 lb/day compared to 15 lb/day of last month.
- D. Waste Treatment Effluent. Losses averaged 5 lb/day compared to 11 lb/day of last month.

II. Project Status

Project 4438 'Reduce water flow to sewer', construction started in January. Estimated completion date 4/1/74.

Project 8020 'HCl Off-gas Scrubber'. Completed. Started operation on 2/27. Will run for a 30 day test program. Need to establish the best operating conditions.

III. Program Status

- 1. HCl Off-gas. The sewerage valve was opened about 10 hrs. during the first two weeks of the month.
- 2. Blow Tank Off-gas. No change pending completion of Project 4438.
- 3. Rip Track. No aroclor cars were washed during the month.

DSW 353144

IV. Investigations

Elimination of car washing at the repair track and improvements in the drum handling area at the incinerator are reflected in decreasing losses from these areas. Grab samples taken around the sewer system indicate low background losses from areas where no Aroclor or HCl off-gas is used or manufactured. Samples taken downstream of the HCl using area indicate that some of the Aroclor in the off-gas is finding its way to the sewer. Continuous samplers are being constructed to pin-point this problem and determine its contribution.

C. F. Buckley

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J. A. Munoz

J. A. Munoz

dy

WASTE TREATMENT PLANT

#/day

50

40

30

20

10

O N D J F
1973 1974

INFLUENT

50

40

30

20

10

O N D J F
1973 1974

EFFLUENT

DSW 353146

Each point represents average of past 31 days

KE 10 X 10 TO 1/2 INCH 46 1320
7 X 10 INCHES
MADE IN U.S.A.
KEUFFEL & ESSER CO.