Monsanto

COMPANY CONFIDENTIAL

FROM (NAME & LOCATION) C. F. Buckley - WGK

DATE October 3, 1973

SUBJECT Status - PCB Environmental Control Program

REFERENCE

TO : J. R. Savage - B2SL

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I. PCB Level in Sewers.

September losses at .43 #/day from operating departments and the incinerator compared with .60 #/day of last month.

A. Aroclor Department. PCB losses decreased to .37 #/day from .56 #/day of last month.

B. Incinerator losses remain low at .06 #/day.

C. Waste Treatment Influent. Losses averaged 17.5 #/day compared with 8.0 #/day of last month.

D. Waste Treatment Effluent. Losses averaged 10.1 #/day compared to 3.9 #/day of last month.

II. Project Status.

Project 4438 "Reduce Water Flow to Sewer". The air blower required to maintain a slight positive pressure will be delivered the 2nd week of October.

Project 8020 "HCl Off-gas Scrubber" field construction started for the circulating tank. Termination date may slip beyond November.

III. Program Status:

1. HCl Off-gas. The sewering valve opened only one time due to overpressure during the month.

2. Blow Tank Off-gas. No change pending completion of Project 4438.

3. Rip Track Washes. 4 cars were washed during the month.

DSW 353163

IN - 10 REV 1/72

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IV. Future Trends.

In a report to the Federal EPA, the National Academy of Science recommends 0.002 micrograms/liter for the water quality standard. This equates to a discharge of 2 lb PCB into the average daily flow of the Mississippi river. However effluent standards are generally set to allow for low flow and a limited area of mixing. On this basis we may expect the limit for our plant to be set at 0.25 or less lb/day.

Our first step towards this goal will be to identify the source or sources of the large quantities reaching the treatment plant compared with the amounts leaving the known sources. Increased cost for sampling and analysis cannot be avoided.

C. F. Buckley

J. A. Munoz

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attach.

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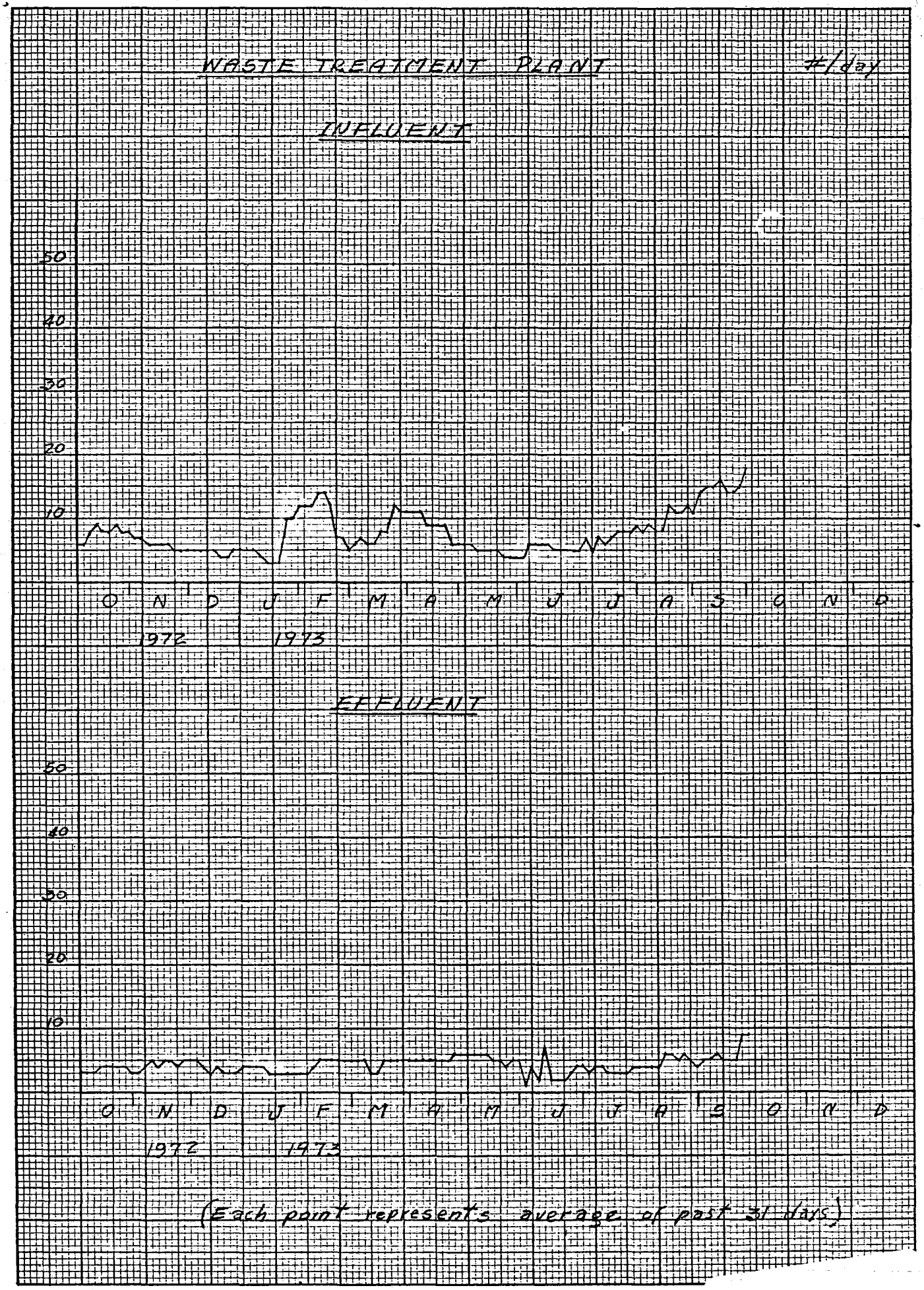

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