Monsanto

COMPANY CONFIDENTIAL

FROM (NAME & LOCATION) E. E. Stewart, Krummrich

DATE : December 2, 1971

SUBJECT : STATUS - PCB POLLUTION CONTROL PROGRAM

REFERENCE :

TO : Mr. J. R. Savage
General Offices
B-2-N

cc: Messrs.
G. L. Bratsch
C. F. Buckley
W. C. Engman
P. E. Heisler
G. A. Hippe
P. B. Hodges - G.O.
A. E. Leisy/R. M. McCutchan
W. R. Richard - G.O.

This is the December 1, 1971 status of the PCB pollution control program.

I. PCB LEVEL IN SEWERS

Aroclor sewer loss control data are attached. Of significance is the emergence of lower chlorinated biphenyl in the sewer streams. At present the material is called Aroclor 1221, and it first appeared on 11/3 and has been present during the month. Concomitantly, we have been producing Aroclor 1109 intermittently during the month.

If one were to ignore the lower chlorinated biphenyl the data would indicate reduced losses in November. However, inclusion of the 1221 would show an increase in losses. Both trends are indicated on the graph. The material called 1221 may be a monochlorinated compound, and whether this should be considered as a PCB has yet to be resolved.

A. Aroclor Department - The average daily loss of 0.7 #/day (1.3 with 1221) is above the goal of 0.3 and is above last month's value of 0.2 #/day. Higher losses were evident early in the month when major sewer failures in the department were discovered and subsequently partially repaired. Additional major sewer repairs are needed and should be expedited in December.

Parts have been ordered for building and installing an isokinetic sampler in stream from the department to better define losses from the department.

CONFIDENTIAL 92-CV-204-WDS

CER 014291

PAUL HODGES DEPOSITION
May 31 - June 1, 1994
EXHIBIT NO. 36

WATER_PCB-SD0000005664

I. PCB LEVEL IN SEWERS (contd.)

B. Total Plant - Losses in November as measured from the 24" and 30" sewers at 4 #/day were the lowest ever measured. (Up to 13 #/day with 1221) Isokinetic samplers will be installed in December to better define losses as measured at these points. On 11/26 a known cross-flow between the main sewer was corrected so that the individual sewer results are reflective of the source.

C. Treatment Plant Effluent - The average daily loss of 9 #/day (26 when 1221 included) approaches all time low of 8 #/day experienced in July. During the month there were instances where the loss was from 3 to 6 #/day.

II. PROJECT STATUS

Estimate No.

2095 "Aroclor Scrap Rework" - To permit rework of returned material. 90% complete. EDC not defined.

2422 "Paving and Curbing" - To contain losses in tank car and storage area in Dept. 246. Curbing and pads complete. Major sewer to be installed to North. EDC 12/11

2482 "Contaminant Collection at Rip Track" Construction complete but must be modified. Original project scope must be altered. To do in December.

2675 "Air Pollution Control" - Provide nitrogen blanket on mix tanks. EDC 1/1/72

3102 "Enlarge Aroclor Settling Basin" - To permit contaminant of possible losses in the operating department. EDC - 1/1/72

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II. PROJECT STATUS (contd.)

Estimate No.

3438 "Modify Sewers in Dept. 246" - Altered and repaired departmental sewer system to eliminate cross flow of sewer water and underground water within the department. EDC - Not defined.

---- "Upgrade Sewer in Second Street" - Estimate being prepared to permit replacement of major sewer to eliminate cross flow of sewer water and underground water under Second Street. Estimate out by 12/10. Work to be contracted after approval.

III. PROGRAM STATUS

Isokinetic samplers to be installed in December in effort to better define magnitude of PCB losses.

PCB Task Force meeting bi-weekly. Results and plans reviewed.

Definitive longer range plan to be prepared in December.

Edward E. Stewart
Technical Services Department

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graph attached

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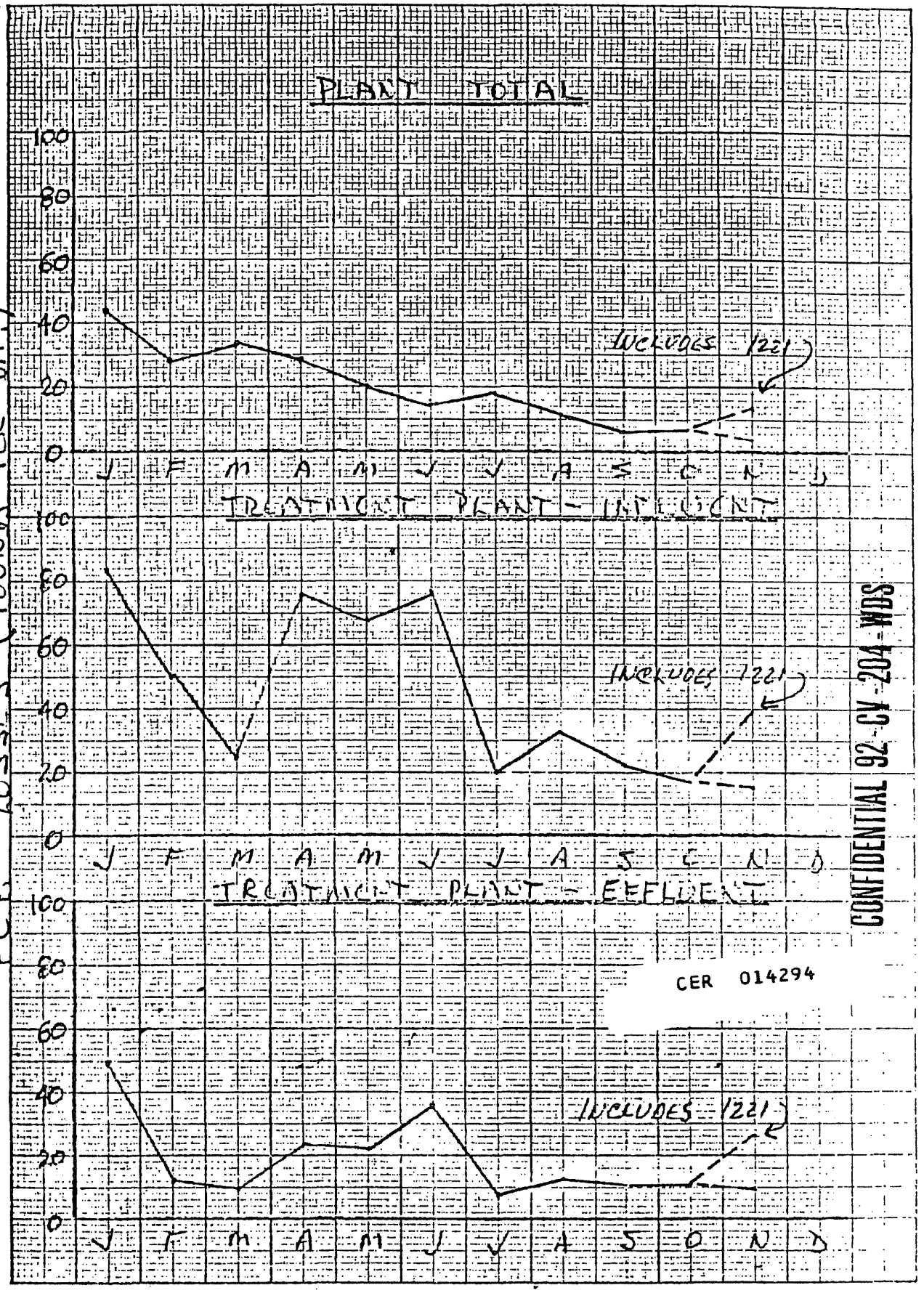

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