7/8/71

PLANTWIDE SAMPLING

1. A. North Area (Mike Foresman)

Two permanent samplers at 5-E and 24" line to 5-K. Grab samples of 18" line to 5-K.

Analyses run on 3 and 4 day composite sample from each sampler per week. If "odd ball" results from any composite sample then each day's sample will be analyzed to identify day(s) of discrepancy.

Will obtain 2 weeks of above results for record and interpretation.

On 7/8 a 24-hour composite sample will be obtained from the 2 samplers and analyzed for Hg.

B. Monsanto Co. Plant discharges to Area 5 Village Sewer. (Moore, Munoz)

Sample point locations:

(1) W side of Dept. 254 (Bldg. CS) running to 5-0.

(2) Lab line running into the 24" line to 5-K.

(3) Box 5-C for Dept. 214.

Sampler (1) presently in place.

Samplers (2) and (3) to be installed 7/7.

Data will be obtained as in 1-A above on a 3-4 day composite basis for the next two (2) weeks for record and interpretation.

2. Inventory to be made of all samplers (Munoz) as to A.) Location; B.) Use; and C.) Temporary or permanent installation.

3. Special sampling for FWQA (Munoz, Horner, Moore).
Sampled 6/28, 29 & 30.
Started 7/5 and planned thru 7/7; then again 7/12, 7/13 and 7/14.

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4. Area 1 - primarily ACl - to be discussed with E. Billen. (Moore)

5. Area 2 - Define flows and content for each connection into 24W and 30W sewers. Confirm or obtain flows and content where questionable and/or non-existent. (Moore, Munoz, Buckley)

2-K sample point will be utilized as representing 24" line discharge into 2-E. A V-notch weir in 2-K can be used to obtain flow. (Munoz)

6. Area 3 - Sample point locations established at:

A. 3-E (24E), installed, presently run for Hg & Cl

B. 3-I, installed, presently run for Hg & Cl

C. 3-M to be installed 7/7, for Hg.

These will quarter Area 3; samples will be as follows for Hg. (Munoz)

3-E 24 hr. comp. 7/5, 6 & 7; 7/12, 13 & 14 for FWQA. A 4-day composite on 7/8, 9, 10 & 11.

3-I 24 hr. comp. 7/5 -- etc. as for 3-E.

3-M beginning 7/7 24 hr. comp. and then same schedule as above.

Analyses of above results will dictate future sampling. (Moore, Munoz, Buckley).

Flow test to be made to establish flow rates in this area. (Munoz)

7. Area 4 - Flow tests run by Li Cl_2 dilution method (24 x 1 hr) on 7/1 and 2. Results soon. (Munoz)

Must define flows and Hg balances, if possible, for this area. (Moore)

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8. Analyses Result Discrepancies

Will attempt to resolve why there are differences in results obtained from supposedly the "same sample material". (Moore, Horner)

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