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SEMS-RM DOCID # 1164743

CITY OF MOUNTAIN VIEW

INTER-OFFICE MEMORANDUM

DATE: February 11, 1958

TO: A. M. McKinnon, Director of Public Works

FROM: H. P. Anderson, Supt. Sewage Treatment Plant

SUBJECT: REPORT ON SEWAGE TREATMENT PLANT FOR MONTH OF JANUARY

GENERAL: The flow has continued high, due to the heavy rain during the last part of the month. This has resulted in flooding most of the area around the plant, including the road leading to the plant. The plant itself has not been in any danger. However, the overflow of Permanente did wash away a dam around one of the sludge beds.

The muddy water infiltrated into the sewage has given us more suspended solids which has not been removed so well.

UNUSUAL ACTIVITIES:

The clarifier was shut down for 5 days for inspection and painting. Considerable corrosion had taken place adjacent to the brass scraper blades. The steel bolts were replaced by brass bolts and heavily painted. The corrosion is undoubtedly due to electrolytic action which is increased by our high salt content in the sewage from the Pickle Works.

The sewer cleaning crew reported an unusual odor in the sewage from the Sylvania Plant. This was due to a high acid content. We spoke to their Maintenance Engineer. He said it was from their plating department and was also quite concerned about it from damage to their sewer piping. He is trying to have them neutralize or at least greatly dilute any waste they dump into the sewer.

PLANT DATA:

Total Flow Raw Sewage	58.27	mil.gal.
Average Flow per day	1.90	" "
Peak Flow	3.4	" "
Av. suspended solids in final effluent	84	ppm
Av. B.O.D. in final effluent	174	ppm
Reduction in suspended solids	62.5	%
Reduction in B.O.D.	51.9	%

H. P. Anderson

H. P. ANDERSON

HPA:po
cc: City Manager