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FROM: Curt Watson

DATE: February 12, 1990

**Interoffice
Communication**

SUBJECT: Action Plan for ASU Conversion And
Pond Bioremediation

VISTA

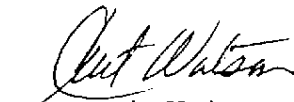
The following summarizes the action plan that was developed at the February 5, 1990 meeting with LCCC Personnel, R&D, and PED regarding the VCM ASU Conversion and Pond Bioremediation.

1. R&D will investigate the technical aspects of sending the spent caustic stream to the VCM ASU. They will evaluate the effect this stream will have on a) oxygen demand, b) potential H₂S exposure and c) pH shock to the secondary system.
2. Curt Watson will follow-up on potential customers for the spent caustic stream with the Business Area. LCCP will continue to pursue disposal avenues for this stream.
3. R&D will also evaluate and attempt to predict the oxygen demand that the new feed streams will place on the ASU. Sue Rey will coordinate the design and implementation of additional mechanical aeration equipment needed to satisfy the new oxygen demand and disperse the basin solids.
4. Mechanical engineering needed to implement hydraulic reduction projects at LCVCM will be provided by GED or LCCP, depending on manpower availability. Sue Rey will define the VCM plant needs.
5. R&D will continue to develop a bioremediation plan to remediate basin and ponds below TC limits. LCCP will isolate one-half of the LCCP stormwater pond by April for remediation work to begin. The LCCP lagoons cannot be closed for remediation at this time. However, R&D discussed using temporary partitions in the lagoons to isolate sections for remediation. This concept looks promising.

LCCP agreed to provide an engineer to coordinate with R&D on bioremediation efforts.

6. The LCCP holding pond and sand filters will probably be cleaned of solids through the plants belt filter press. However, if remediation techniques look promising, they could be applied to these facilities also.

7. It was reaffirmed that all TC streams need to be piped to the VCM ASU in the June - July, 1990 time frame. This is necessary so bioremediation can proceed without contamination from new wastes.
8. The next meeting will be held at 10:00 a.m. on Tuesday, March 6th at LCCP. The objective of that meeting will be to review the environmental contractor's bioremediation plan and hear what has been learned about spent caustic stream options and ASU oxygen requirements.


Curt Watson

CRW/kaa

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