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28 Aug 87

Director, Utilities Branch

Director, Operations Branch

TRIHALOMETHANE REDUCTION STUDY AT MCAS WATER PLANT AS-110

1. A study is required of the water treatment process at the MCAS Water Plant AS-110 to determine what options are available to alter the treatment process and reduce the level of trihalomethanes (THM). Currently, the maximum contaminate level (MCL) of 0.10 mg/L is not being exceeded, but in the near future the MCL is proposed to be lowered to 0.05 mg/L. If the reduced MCL is adopted, the water supplied by AS-110 would not be in compliance since the current THM level is at the 0.10 mg/L threshold. The study should include the following:

- Sampling of raw water supply, treated water supply, and intermediate treatment samples.
- Review of the treatment process and plant design.
- Recommendations for lowering THM concentration below the proposed 0.05 mg/L MCL.
- Scopes of work for proposed treatment changes with cost estimates.

2. Request your assistance in submission of the study to Public Works for appropriate action and contracting. POC is Carl Baker at extension 5161.

C. H. BAKER

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