301(h)-Modified NPDES Permit Reissuance Questionnaire for Small Dischargers

Attachment A: Figures and Maps

UTULEI WASTEWATER TREATMENT PLANT

NPDES Permit No. AS0020001

Submitted By

AMERICAN SAMOA POWER AUTHORITY

May 1, 2006 Revised March 1, 2008

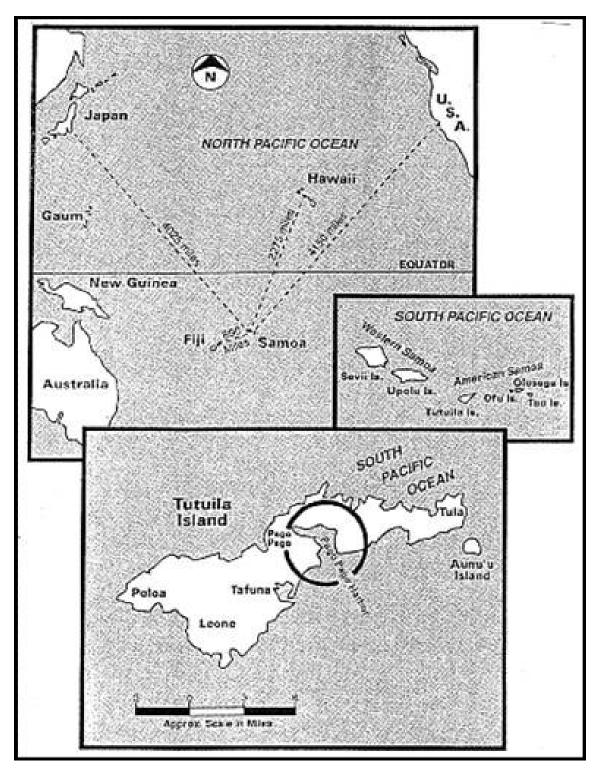


Figure 1. Location of American Samoa, Tutuila Island, and Pago Pago Harbor

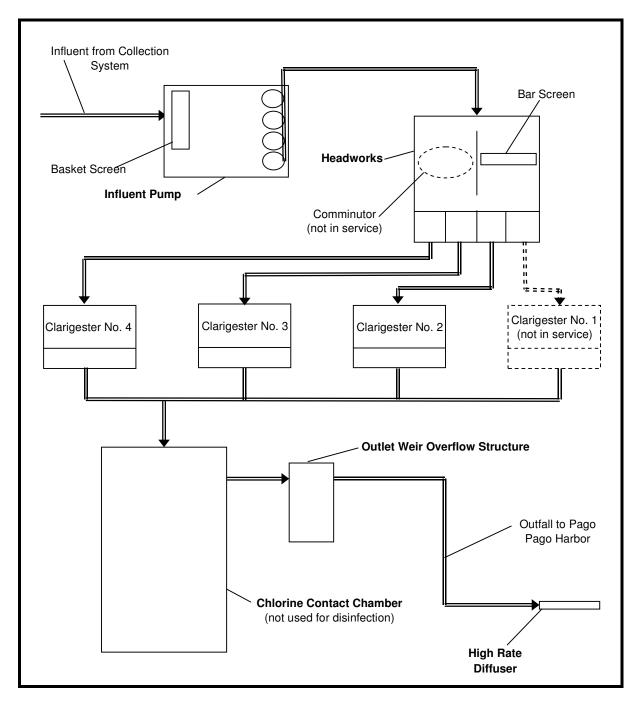


Figure 2. Utulei WWTP Treatment System



Figure 3. Location of Utulei WWTP Outfall in Pago Pago Harbor

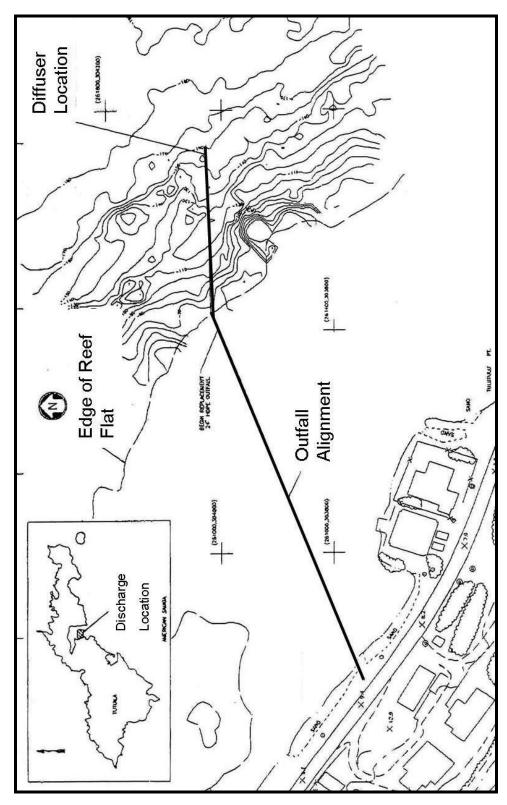


Figure 4. Detail of Diffuser Utulei WWTP Outfall Diffuser Location

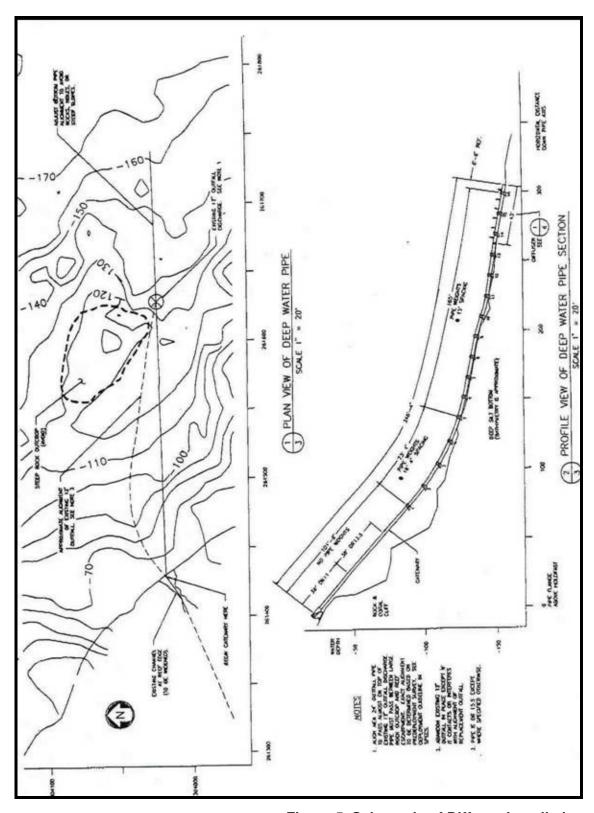


Figure 5. Schematic of Diffuser Installation

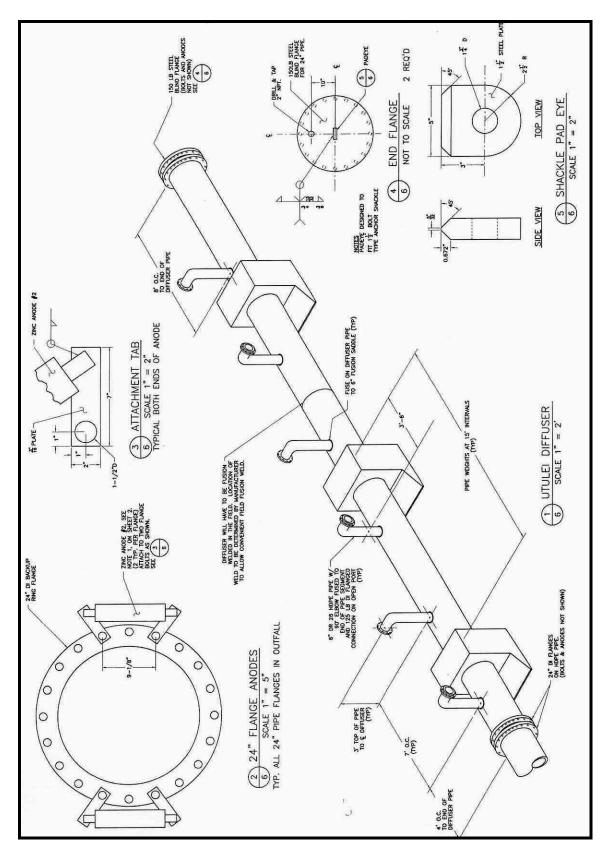


Figure 6. Utulei Diffuser Details

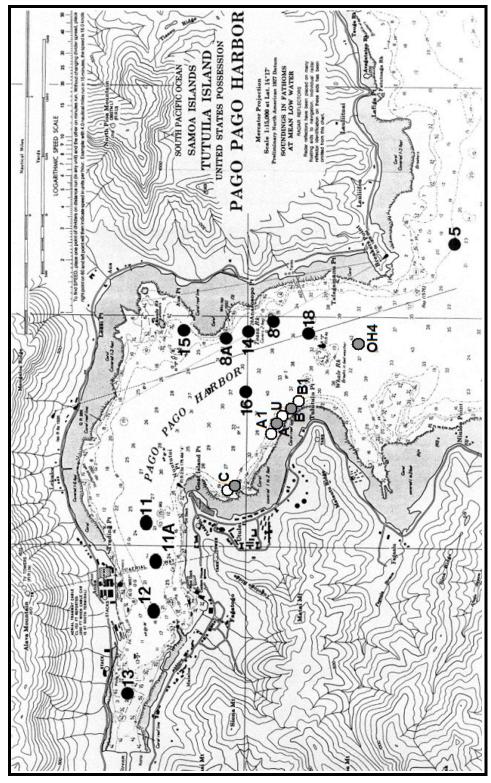


Figure 7. Receiving Water Sampling Locations:
Stations A1, B1, C, U, 5, 16, and 18 are sampled for water quality
Stations A, C, and OH-4 were sampled for sediment quality)
Other Stations are sampled for monitoring for the Joint Cannery Outfall

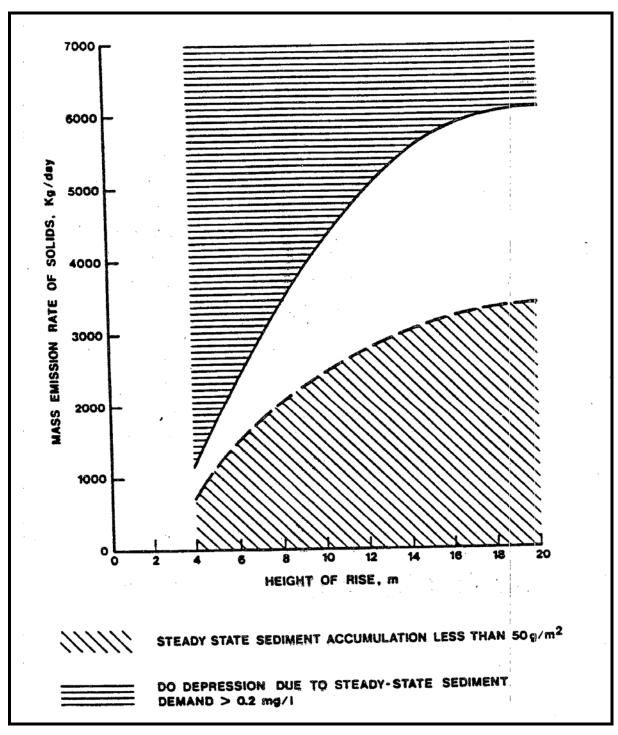


Figure 8. Relationship between suspended solids mass loading, plume rise height, sediment accumulation, and dissolved oxygen depression for open costal areas (from 301(h) TSD).