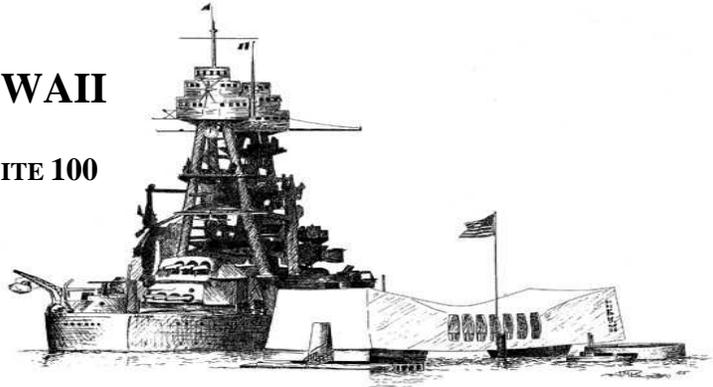


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Release # 002-11

Effluent Bypass of UV Disinfection System

(Pearl Harbor-Hickam, HI) – PEARL HARBOR – On Tuesday, Jan. 4, the Navy's Wastewater Treatment Plant at Fort Kamehameha experienced a power outage at approximately 4:50 a.m. During the outage, the plant discharged approximately 110,000 gallons of advanced secondary fully treated effluent through its deep water outfall without Ultraviolet (UV) disinfection.

The UV light system is normally the last step prior to effluent discharge and completes the plant's requirements to kill any residual bacteriological organisms that were not eliminated in the advanced secondary treatment process.

Effluent was discharged into Mamala Bay through the plant's 12,500 foot long and 150 foot deep, multi-port diffuser outfall where it was assimilated into the receiving waters with the assistance of ocean currents. Recreational boaters and fishermen are advised to avoid the area near the entrance channel to Pearl Harbor along the Ewa end of the reef runway.

The Navy immediately made all necessary notifications to the State Department of Health as required by the wastewater treatment plant's operating permit. It is expected that the undisinfected advanced secondary treated effluent would be naturally dispersed with minimal human health and environmental impacts.

The Navy's Wastewater Treatment Plant at Fort Kamehameha provides advanced secondary treatment of both domestic and non-domestic wastewater. Advanced secondary treatment uses clarifiers, an activated sludge process, aeration/anoxic tanks, effluent sand filtration and disinfection.

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