

US EPA ARCHIVE DOCUMENT



GUAM ENVIRONMENTAL PROTECTION AGENCY

AHENSIAN PRUTEKSION LINA'LA GUAHAN

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GOVERNOR OF GUAM

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RAY TENORIO
LT. GOVERNOR OF GUAM

FEB 15 2011

Mr. Jamie Marincola
USEPA, Region 9, WTR-5
75 Hawthorne Street
San Francisco, CA 94105

RE: 401 Water Quality Certification U.S. Navy Water Treatment Plant, Santa Rita NPDES
GU0020389

Dear Mr. Marincola,

The Guam Environmental Protection Agency has reviewed the Draft NPDES permit and fact sheet to allow the discharge of treated effluent from the Navy Water Treatment Plant and Out fall 002 (Emergency Discharge Filter Backwash and/or Clarifier Overflows) to the Namu River located in Santa Rita, Guam. Out fall 002 is located at 13°22'38"N and 144°40'51"E. The water quality is "S-3" (Low) at the reach of the Namu River.

Surface water in this category is used for commercial, agricultural and industrial activities. Aesthetic enjoyment and limited body contact recreational are acceptable in this zone as well as maintenance aquatic life. The Namu River meanders 2 or 3 miles until it empties into the Agat Bay. There is currently a Fish Consumption Advisory for the Agat Bay for pollutants such as chlorinated pesticides and metals.

The Guam Environmental Protection Agency is issuing Section 401 Water Quality Certification for NPDES GU0020389. Water Quality Certification conditions may be added, amended, suspended, or revoked to ensure discharge is in compliance with Guam Water Quality Standards. Water Quality Certification conditions are as follows:

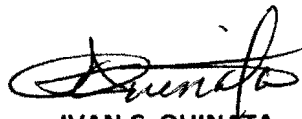
1. Water Quality Monitoring is encompassed in the NPDES Permit to ensure water uses and level of water quality necessary to protect the existing uses be maintained. Water Quality Monitoring will follow parameters and frequencies listed in the NPDES Permit GU0020389 and also include the monitoring of arsenic and lead effluent limitations for Outfall 002. These metals were in detected levels in fish tissues and are a concern with the Fish Consumption Advisory for Agat Bay (Final Fish Sampling and Risk Assessment Report, Orote Landfill Naval Base Guam, December 2010, Department Navy).
2. All waters shall be maintained free of toxic substances in concentrations that produce contamination in harvestable aquatic life to the extent it causes detrimental physiological, acute or chronic responses in humans or protected wildlife, when

"ALL LIVING THINGS OF THE EARTH ARE ONE"

consumed (Section 5103, A., 11 Toxic Substances, ii., Guam Water Quality Standards 2001 Revision).

3. Best Judgment and Management Practices shall be implemented to prevent or minimize water quality degradation.
4. The discharger will take immediate corrective actions or engineering measures to address significant non-compliance with water degradation and/or environmental problems and notify the Guam Environmental Protection Agency within 24 hours.

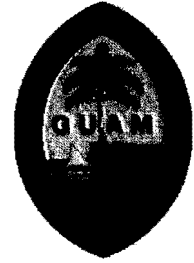
Sincerely,



IVAN C. QUINATA
Acting Administrator

Attachment: Section 401 Water Quality Certificate

CC: ACOE, Guam Office
USEPA Region 9, Mike Lee
Dept. of Agriculture, DAWR
Bureau of Statistics & Plans, GCMP



GUAM ENVIRONMENTAL PROTECTION AGENCY

Section 401 Water Quality Certification:

Section 401 Water Quality Certification for NPDES (GU0020389 Discharge,
Applicant: U.S. Navy)

The Guam Environmental Protection Agency hereby issues Section 401 Water Quality Certification: **401WQC 11-01** in accordance with the Clean Water Act, Public Law 95-127 and the Guam Water Quality Standards 2001 Revisions (GWQS), pursuant to the Guam Water Pollution Control Act, Chapter 47, Title 10 GCA. These discharge limits are authorized under Guam's anti-degradation policy GWQS 5101.B.

Section 401 Water Quality Certification permit is only valid until all permit conditions are met. 401WQC will be valid for 5 years or until the associated **NPDES GU0020389** expires.

The issuance of Water Quality Certification does not exempt or waive any other local and federal requirements or allow the applicant to injure or damage surrounding properties. No person shall willfully deface, alter, forge, counterfeit, or falsify this certification.

IVAN C. QUINTA
Acting Administrator

date:

2/15/11