



DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511

TELEPHONE NO.
444-7313
AUTOVON 690-7313
IN REPLY REFER TO:
114:PPC
06 OCT 1977

From: Commander, Atlantic Division, Naval Facilities Engineering Command
To: Commanding General, Marine Corps Base, Camp Lejeune

Subj: Environmental Engineering Survey for FY-78

Ref: (a) NAVFACINST 5450.19B
(b) OPNAVINST 6240.3D

Encl: (1) List of Information Requested for Survey

1. In accordance with references (a) and (b), this Command is continuing its program of periodic environmental surveys of all Naval activities. The objectives of the survey are:

- a. To update the previous environmental survey report,
- b. To identify new and/or unreported environmental facility deficiencies and corrective projects required, and
- c. To identify current environmental operation and maintenance problems and recommended corrective measures.

2. It is requested that previous environmental survey reports be reviewed and updated as appropriate. Updated information and those items requested in enclosure (1) should be forwarded to the Atlantic Division, Naval Facilities Engineering Command, Code 114, prior to the scheduled visit so that maximum "on-station" time may be devoted to discussion and solution of the activity's critical problems.

3. It is planned that this year's survey will focus on matters pertaining to the boiler feedwater treatment system, water distribution system, sewage collection system and other environmental matters not previously identified and is tentatively scheduled in November 1977. Advise if the areas of survey and scheduled time are appropriate and designate a point of contact for the preliminary arrangements and advance data gathering.

4. Should you have further questions regarding this matter, please contact Mr. J. J. Harwood or Mr. B. I. Azar, Code 114 of this Command, AUTOVON 690-7313.

J. R. Bailey

Copy to: (w/o encl)
CMC
Mr. J. M. Kearns, Jr.
CMC HQ (LFF-2)

J. R. Bailey
10 OCT 1977

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LIST OF INFORMATION REQUESTED FOR SURVEY

To assist the Engineering Field Division in conducting an Environmental Engineering Survey, it is requested that information relating to the following checked items be compiled and made available to the EFD prior to the scheduled visit:

✓ I. Copy of "Welcome Aboard" Publication

✓ II. Maps

✓ a. Latest base general development map with index of structures.

✓ b. Latest map of sanitary sewer line with sizes and invert elevation.

c. Latest map of storm sewer system with sizes and invert elevation.

✓ d. Latest map of water distribution system.

✓ e. Latest soil map of base (if available).

✓ III. Base Statistics (if different from last year)

✓ a. Contact(s) (name, position, phone number).

✓ b. Activity mission.

✓ c. Total area of activity.

✓ d. Tenant(s) and non-Navy organizations.

✓ e. Proposed changes in population or mission.

✓ f. Base population.

✓ 1. Number of military personnel living in BOQ on base.

✓ 2. Number of military personnel working on base whose families live in military housing supported by the base water system sewage system.

✓ 3. Military personnel working off base whose families live in housing supported by base utilities.

✓ 4. Military personnel working on base whose families live in housing not supported by base utilities.

✓ 5. Number of civilian employees by shift.

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IV. Air Pollution Control

- a. Contact(s) (name, position, phone number).
- b. List of projects (in progress or planned).
- c. Recent visits by regulatory agencies, violations, citations or citizen complaints not previously reported to LANTNAVFACENGCOM.
- d. NAPSIS Report (applicable only for CONUS and Puerto Rico).

✓ V. Water Pollution Control

- a. Contact(s) (name, position, phone number).
- b. List and location of industrial operations.
- c. List and location of sewage pumping station(s) (include pump size, TDH, type, motor Hp manufacturer, source of emergency power).
- d. Sewage and/or industrial waste treatment plant(s).
 - 1. Schematic diagram showing design flows and treatment units.
 - 2. Number of personnel employed (indicate if military U.S. civilian or foreign nationals).
- e. List of projects (in progress or planned).
- f. Average daily flow to each treatment plant.
- g. List and location of septic tanks (include capacity).
- ✓ h. List and location of boilers and cooling towers.
- ✓ i. Recent visits by regulatory agencies, violations, citations or citizen complaints not previously reported to EFD.

VI. Potable Water System

- a. Contact(s), (name, position, phone number).
- b. Water treatment plant.
 - 1. Schematic diagram showing design flow and treatment units, indicate source of raw water.
 - 2. Number of personnel employed (indicate if military, U.S. civilian or foreign nationals).
- c. Average daily water consumption.

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d. If raw water is from well list all wells (indicate pump capacity, drawdown, copy of latest drawdown test).

✓e. List all potable water pumping stations (indicate pump capacity, TDH, type, motor Hp).

f. List all water storage tanks (indicate capacity, if elevated on ground level, material of construction).

g. List projects (in progress or planned).

h. If water is purchased (indicate source and cost/year).

✓i. Recent visits by regulatory agencies, violations, citations or complaints not previously reported to EFD.

VII. Oil Pollution Control

a. Contact(s), (name, position, phone number).

b. Copy of Spill Prevention Control and Counter Measure Plant (SPCC) (applicable for CONUS, Puerto Rico and Canal Zone and Virgin Islands).

c. Inventory of oil spill containment equipment.

d. Oil spill records (indicate date and quantity).

e. List all fuel and oil storage tanks (indicate location and capacity).

f. List of projects (in progress or planned).

g. List location of washracks and oil/water separators.

h. Recent visits by regulatory agencies, violations, citations or citizen complaints not previously reported to EFD.

VIII. Solid Waste Disposal

a. Contact(s), (name, position, phone number).

b. Quantities and types of solid wastes generated.

c. Solid waste collection and disposal procedures, including contracts.

d. List of projects (in progress or planned).

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e. Location and area (acres) of sanitary landfill (indicate area filled per/year).

f. Number of personnel operating landfill.

g. Indicate any recycling practice.

IX. Pesticide and Hazardous Material Management

a. Contact(s), (name, position, phone number).

b. Quantities and types of pesticides handled.

c. Indicate any disposal problem of unusable pesticides and hazardous chemical (name and quantities).

d. List of projects (in progress or planned).

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