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Department of Defense Instruction

ASD(MRA&L)

SUBJECT: Environmental Pollution Prevention, Control and Abatement

References: (a) through (k), see enclosure 1

SELECTE
OCT 18 1993
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A. REISSUANCE AND PURPOSE

This Instruction:

1. Reissues reference (c) to implement section 3(a)(3) of Executive Order 11752 and OMB Circular A-106 (references (a) and (b)).
2. Describes the procedures to identify, report, and submit projects to correct pollution deficiencies at DoD Component facilities. DoD Instruction 4120.14 (reference (c)) and Reports Control Symbol DD-I&L(Q)1088 are hereby superseded and cancelled.

B. APPLICABILITY AND SCOPE

1. The provisions of this Instruction apply to the Office of the Secretary of Defense, the Military Departments, and the Defense Agencies (hereafter referred to as "DoD Components").
2. Its provisions encompass (a) DoD-owned facilities including Government Owned-Contractor Operated (GO-CO) industrial plants, wherein DoD work is done exclusively, (b) facilities located on real property under the jurisdiction of the DoD, and (c) DoD facilities operating in foreign countries.

C. RESPONSIBILITIES

The DoD Components shall take the following actions:

1. Provide monitoring and evaluation of all facilities to assure that environmental standards are met on a continuing basis in accordance with DoD Directive 5100.50 (reference (h)).
2. Assess early in the decision-making process all proposed pollution control projects with respect to P.L. 91-190 (reference (e)) and prepare in a timely manner environmental impact statements as may be required in accordance with DoD Directive 6050.1 (reference (f)).
3. Determine the most cost-effective remedial measures necessary for a particular facility to meet applicable environmental standards.

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This will be done in accordance with DoD Instruction 7041.3 (reference (g)). DoD Components shall take into account such factors as:

- a. Future use of the facility;
- b. Best practicable technology available;
- c. Best available technology;
- d. Need for control system reserve capacity;
- e. Various alternative methods of control, including process change; and
- f. Use of joint or regional pollution control facilities.

4. Report all projects involving costs which are necessary to bring existing facilities into compliance with applicable Federal, state, and local pollution control requirements. Costs should include the costs of structure and equipment, irrespective of the appropriation chargeable, but not the annual maintenance and operating costs.

a. Cost-effectiveness studies conducted in accordance with DoD Instruction 7041.3 (reference (g)) may demonstrate that it would be more cost effective or efficient to phase out or transfer activities to other locations, rather than install pollution control devices.

b. Funds required for studies, management, and monitoring associated with the definition and development of corrective measures and necessary equipment to assure compliance with standards should also be included.

5. Program all pollution control projects and changes in accordance with procedures in DoD Instruction 7045.7 (reference (d)), which govern all programs in the Five-year Defense Program.

6. Budget requests (Procurement, RDT&E, O&M, and Construction) consistent with projects identified in the A-106 submission (enclosures 2 and 3).

7. Ensure that any funds appropriated and apportioned for the prevention, control, and abatement of environmental pollution are not used for any other purpose, unless permitted by law and specifically approved by the Office of Management and Budget.

8. Submit requests for exemptions, pursuant to section 5 of Executive Order 11752 (reference (a)) to the Assistant Secretary of Defense (Manpower, Reserve Affairs, and Logistics), DASD(EE&S).

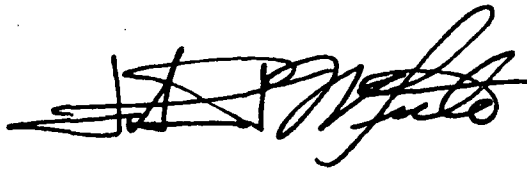
D. REPORTS

1. Eight copies of Exhibits I and II should be prepared in accordance with the procedures provided in enclosure 4. In addition, all projects which will not meet compliance deadlines will be identified and an explanation for noncompliance provided. The exhibit copies shall be submitted to the ASD(MRA&L), attention: DASD(EE&S), no later than close of business on the 20th day of June and December.

2. The Assistant Secretary of Defense (Comptroller) has determined that this Instruction shall be exempt from interagency approval requirements pursuant to paragraph 7.d.(2)(d), OMB Circular A-40 (reference (i)). For internal DoD management and control, Report Control symbol DD-I&L(SA)1383 is assigned.

E. EFFECTIVE DATE AND IMPLEMENTATION

This Instruction is effective immediately. Forward two copies of implementing documents to the ASD(MRA&L) within 60 days.



JOHN P. WHITE
Assistant Secretary of Defense
(Manpower, Reserve Affairs & Logistics)

Enclosures - 4

1. References
2. Exhibit I
3. Exhibit II
4. Reporting Procedures

DD FORM 1383, 1-77

Accession For	
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DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By <i>performed</i>	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
<i>A-1</i>	

Aug Aug 30, 77

References

- (a) Executive Order 11752, "Prevention, Control, and Abatement of Environmental Pollution at Federal Facilities," December 19, 1973
- (b) OMB Circular A-106, "Reporting Requirements in Connection with the Prevention, Control and Abatement of Environmental Pollution at Existing Federal Facilities," December 31, 1974
- (c) DoD Instruction 4120.14, "Air and Water Pollution Control," May 14, 1971 (hereby cancelled)
- (d) DoD Instruction 7045.7, "Planning, Programming, and Budgeting System," October 29, 1969
- (e) P.L. 91-190, "The National Environmental Policy Act of 1969."
- (f) DoD Directive 6050.1, "Environmental Considerations in DoD Actions," March 19, 1974
- (g) DoD Instruction 7041.3, "Economic Analysis and Program Evaluation for Resource Management," October 18, 1972
- (h) DoD Directive 5100.50, "Protection and Enhancement of Environmental Quality," May 24, 1973
- (i) OMB Circular A-40, "Management of Federal Reporting Requirements," May 2, 1973
- (j) 40 CFR 112, "Spill Control and Countermeasure Plans"
- (k) P.L. 92-500, "Federal Water Pollution Control Act"

Report Date: 31DEC76

ENVIRONMENTAL POLLUTION CONTROL EXHIBIT 1
PROPOSED PROJECT REPORT CIRCULAR NO.: A-106

MEDIA: WATER

PROJECT NO.: ND148
DATE PREPARED : 01APR68
DATE REVISED : 01NOV76

AGENCY: DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
WESTERN DIVISION GSA INVENTORY CONTROL NO:

1. FACILITY NAME: SUPPORT ACTIVITY

ADDRESS: LONG BEACH, CALIFORNIA CITY: LOS ANGELES

AGENCY CONTACT: J. STEVENS HD. SDIEGO ENVIR SEC (714) 123-4567

PROJECT NAME: SEWER TO MOLE PIER

STATUS: COMPLETED

2. SPECIFIC TYPE OF POLLUTION:

DOMESTIC SEWAGE WITH INDUSTRIAL WASTE

3. AMOUNT OF POLLUTION:

0.002 MGD SEWAGE WITH A SMALL % IND. WASTE

4. POLLUTION SOURCE AND DISCHARGE. EMISSION OR DEPOSIT POINT:

RAW SEWAGE. SEPTIC TANK EFFLUENT AND BOILER BLOW-DOWN ARE
DISCHARGED INTO THE WEST BASIN OF THE LONG BEACH INNER HARBOR
FROM THE MOLE PIER AT 10 DIFFERENT LOCATIONS.

5. EXISTING TREATMENT AND OTHER CONTROL MEASURES:

NONE WITH THE EXCEPTION OF A SEPTIC TANK AT ONE OF THE
BUILDINGS ON THE MOLE PIER. (DESIGN CAPACITY NOT KNOWN).

6. EFFECTIVENESS OF EXISTING TREATMENT AND CONTROL:

BOD: INFLUENT - 200 PPM. LBS: EFFLUENT - 200 PPM. LBS: %
REMOVAL - 0% SUSPENDED SOLIDS: INFLUENT - 220 PPM. LBS:
EFFLUENT - 220 PPM. LBS: AND % REMOVAL - 0%.

7. REMEDIAL MEASURES PROPOSED AND ESTIMATED EFFECT ON CORRECTING PROBLEM:

INSTALL COLLECTION SEWERS. FORCE MAIN AND PUMPING STATION FOR
CONNECTION TO THE STATION'S SEWERAGE SYSTEM THAT IS CONNECTED

TO THE CITY OF LOS ANGELES, WHICH TREATS AND DISPOSES THE SEWAGE IN COMPLIANCE WITH REQUIREMENTS BY THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION.

8. APPLICABLE STANDARDS:

ESTABLISHED BY THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD. LOS ANGELES REGION. REQUIRE NO DISCHARGE OF DOMESTIC SEWAGE AND SEPTIC TANK EFFLUENT INTO THE HARBOR. NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE PERMIT NO CA 0002356 AS ENFORCED BY ENVIRONMENTAL PROTECTION SYSTEM (EPA).

9. PROJECT SCHEDULE:

	AGENCY (MO/YR)	REGULATION (MO/YR)
DESIGN (COMPLETION)	OCT 74	
CONSTRUCTION (START)	JAN 75	
CONSTRUCTION (COMPLETION)	OCT 76	
OPERATION (START)	OCT 76	
FINAL COMPLIANCE	OCT 76	SEPT 75

10. OTHER RELEVANT INFORMATION:

THE TRANSFERRAL OF OTHER (MINEPAC) ACTIVITIES FROM REEVES FIELD TO THE MOLE PIER STARTING IN 1973 WILL REQUIRE COMPLETE SEWER SYSTEM ON THE MOLE PIER WHICH JUSTIFIES THIS PROJECT TO BE INSTALLED NOW. IN LIEU OF SOLVING THE PROBLEM ON A PIECE-MEAL BASIS. THE SUPPORT ACTIVITY LOS ANGELES - LONG BEACH HAS BEEN MENTIONED IN THE CALIFORNIA STATE ASSEMBLY JOINT RESOLUTION NO. 37, 23 APRIL 1970, AS ONE OF THE FEDERAL INSTALLATIONS IN CALIFORNIA WHICH IS NOT COMPLYING WITH REQUIREMENTS ESTABLISHED BY THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARDS AND IS CAUSING WATER POLLUTION PROBLEMS. EPA NOTIFIED ABOUT THE DELAY IN COMPLETION DATE FROM SEPT 75 TO OCT 76

SAMPLE

10-25-76

POLLUTION STATUS REPORT

EXHIBIT 11

DEPT. OF THE AIR FORCE

WATER

SECTION B (ACTIVE PROJECTS)

MILCON

30 JUNE 1976

PROJECT NUMBER	PROJECT LOCATION	PROJECT NAME	STATE	PRE 1975	1975	1976	AMOUNT IN PRESIDENT'S BUDGET		CURRENT COST EST	STATUS AND EDC
							AMOUNT FUNDED 1977	AMOUNT FUNDED 1978		
AF-027H WILLIAMS	MOD SEW TRT PLT AFB CHANDLER	24101	AZ	0.0	549.0	0.0	0.0	0.0	695.0	CDN 2-77 OFAP 9780
AF-39N MCCLELLAN AFB	JET FUEL STG/SPCC/AIR SACRAMENTO, CA	24337	CA	0.0	0.0	0.0	0.0	1989.0	1989.0	PP 8-80 0.0 DEFERRED BY OMB/FY 79 6925
AF-034C GEORGE	SEW TRT PLT ADDN AFB VICTORVILLE NPR	24453	CA	0.0	1470.0	0.0	-0.0	0.0	3400.0	DES 11-78 0.0 CCE FOR REGIONAL CONN/1800 INHOU 9782
AF-038F2 MATHER	SEWAGE TREATMENT/DISPOSAL AFB SACRAMENTO	24143	CA	0.0	0.0	0.0	2008.0	0.0	2800.0	DES 1-80 0.0 2008.0 REGIONAL CONN 3689
AF-039Z MCCLELLAN	IMT AFB SACRAMENTO	24337	CA	0.0	0.0	0.0	0.0	1272.0	1272.0	PP 4-82 FY 81 A269
AF-046J VANDERBERG	REGIONAL CONN AFB LAMFOC	23749	CA	0.0	0.0	0.0	1454.0	0.0	1454.0	PP 12-77 A270
AF-207E MABCE	SEWAGE TREATMENT/DISPOSAL AFB RIVERSIDE	24527	CA	0.0	0.0	2282.0	0.0	0.0	2300.0	DES 9-77 0.0 2282.0 3688

SAMPLE

Procedures for Reporting Proposed Federal
Pollution Abatement Projects

1. Exhibit I - Project Report

a. Submission of Exhibit I is required only for new projects or to report significant changes (i.e. will not meet status deadlines, etc.) in the information provided in a previous Exhibit I. These new or revised Exhibit I's will be submitted semiannually on June and December 20th of each year. Each semiannual submission of Exhibit I will show the latest information as of 60 days prior to the semiannual reporting date.

b. For each submission, send eight copies to the ASD(MRA&L), attention: DASD(EE&S).

c. Identify each project as to the category of pollution control project involved (i.e., air, water, solid waste, noise, radiation, pesticides). All reported projects within each category will be assigned consecutive numbers beginning with "1". Project numbers are for permanent identification and may not be assigned to new projects. Projects numbered under the rescinded OMB Circulars No. A-78 and A-81 are to be continued under their original assigned numbers.

d. Projects at the same facility, required for distinct and separate purposes, are to be considered as separate projects. Such separate projects will be reported individually using appropriate project numbers.

e. Item 10 of Exhibit I will include information not shown elsewhere on the Exhibit which is necessary for the evaluation of the project. For leased facilities subject to the provisions of the Directive, describe under this item the lease arrangements which would effect the possibility and probability of utilizing control measures for such facilities. Projects involving such circumstances will be included in Exhibit 2 with a reference to the explanation given in Exhibit I. In the case of GO-CO or leased facilities, state if the contractor or DoD is responsible for regulatory requirements implementation.

(1) If a project proposed in one environmental category is likely to generate pollution of other kinds, item 10 will be used to include a description of additional pollution impacts.

(2) Any environmental-related litigation which may involve the project is to be described under item 10.

f. Complete every item for each project. In addition, specific information is required for the following areas:

AIR: Item 2. Identify the pollutant(s) for which the project will be required.

Item 3. State the actual amount of pollutants emitted by each point of emission being controlled within the facility. Amounts of pollution should be expressed in the terms of the applicable emission standard (e.g., lb/hr, ppm, etc.) in item 8 at maximum process operating rate.

Item 4. Identify the specific emissic.. point(s) which the project will control.

Item 5. Specify the existing pollution control measures at the individual emission points. State if control measures are now being used.

Item 6. Indicate the percentage of the pollutant which the control device removes.

Item 7. Indicate the type control device or process modification to be utilized to control emissions.

Item 8. Indicate the applicable Federal, state, or local air pollution emission control standard which the facility is required to meet, referencing the specific statute, chapter, and part. Also include the effective date of the standard.

Item 9. Indicate your proposed project schedule as required by the standards listed in Item 8. If your schedule for achieving compliance differs from statutory requirements, indicate if a consent agreement has been negotiated and the dates the facility must meet. Explain why the mandatory dates cannot be met. If the consent agreement has not been finalized, explain why.

Item 10. For GO-CO or leased facilities, indicate who is responsible for negotiating consent agreements with the regulatory agency, and who is responsible for implementation of corrective measures.

WATER: Item 2. Describe the specific pollution and nature of the problem. Use this item and items 3, 6, and 7 to describe infiltration problems and measures required by "Spill Control and Counter-measure Plans" formulated pursuant to 40 CFR 112 (reference (j)).

Item 3. Show amount of waste water generated and treated.

Item 4. Identify the specific discharge point(s). Show whether discharge is to water (name of receiving water and location thereon), sewer system (name), land, or subsurface.

Item 5. If the problem described in items 2 and 4 does not relate to a treatment plant, use this item to identify the plant, if any, which ultimately receives or will receive and treat the wastewater.

Item 6 and 7. Show, for all principal pollutants existing pollutant loading in influent and effluent and proposed percent removal. As a minimum, BOD, COD, TOC, as applicable, and suspended solids data should be shown.

Item 8. List the statutes and regulations sections which impose the requirement to which the project responds. For discharges subject to NPDES requirements (Public Law 92-500, section 402) (reference (k)), state:

- o Whether an application permit has been submitted; and
- o The application or permit number and the effective and expiration dates of any permits issued.

Item 9. Indicate your proposed project schedules required by the standards listed in item 8. If your schedule for achieving compliance differs from statutory, regulatory, or permit milestones and deadlines, indicate the dates the facility will be in compliance and explain why the mandatory dates cannot be met.

Item 10. For GO-CO or lease facilities, state who is responsible for obtaining NPDES permits and for implementation of corrective measures.

SOLID WASTE: Item 2. Indicate type of operation which is not in compliance.

Item 3. If specific amounts of pollution are known, give details; otherwise indicate "not known."

Item 4. Give explanation of the problem.

Item 5. Indicate quantities, types, and sources of solid waste handled; frequency of operation; year of original construction and design life.

Item 6. If applicable, discuss effectiveness of existing solid waste management systems.

Item 7. Give technical description of proposed project which will bring operation into compliance.

Item 8. Specify the applicable EPA solid waste management guideline and the specific requirement which makes the project necessary.

NOISE: Item 2. Subjectively specify the character of the noise.

Item 3. Specify the measured sound level (dba) or calculated sound level (Ldn), distance from the source to the impact area, and facilities or areas affected.

Item 8. Specify sections of statutes and regulations to which the project responds and the acceptable sound level permitted thereunder.

Item 9. Indicate your proposed project schedules to comply with standards listed in item 8. If the compliance schedule will not meet mandated dates, explain why the dates cannot be met.

PESTICIDES: All projects reported should specifically address the control and abatement of pesticide pollution and not be a description of continued programs.

Item 2. Identify the pesticide source of pollution and indicate the reason for disposition.

Item 7. Describe the method of disposal.

2. Exhibit II - Status Report

a. Exhibit II will indicate the estimated or actual costs for all active projects in your plan and the current status of the projects. Design costs need not be included if they are not normally reflected in appropriations for individual projects. An Exhibit II entry is to be completed for each category of projects (i.e., air, water, solid waste, noise, radiation, pesticides, etc.) as well as for each category of funding.

b. An updated Exhibit II is to be submitted to the ASD(MRA&L) semi-annually on June and December 20th.

c. The Exhibit II will contain all active projects, plus those completed or discontinued since submission of the previous report. Once a project is reported completed or discontinued it should be deleted from the exhibit. The June submission shall contain all projects which you will submit in the next fiscal year budget request to the Director, Office of Management and Budget. In addition, it should reflect all congressional appropriation actions taken by the time of submission.

d. To facilitate the semiannual submission of Exhibit II, the Environmental Protection Agency's data system will be utilized as follows:

- o Each DoD Component should receive an updated, computer printed copy of its Exhibit II's for each pollutant media approximately 30 days after receipt of the DoD report by EPA.
- o When submitting the next semiannual report, each DoD Component shall make corrections to the printout copy,

with an asterisk placed in the left hand margin to indicate those projects which have been completed, discontinued, or changed. New projects are to be added at the end of the appropriate pollution media printout. If no corrections are made to the printout for the reporting period, enter "no changes" at the beginning of the appropriate printout. One corrected copy of each printout is to be submitted with the semiannual report.

e. Each revision of Exhibit II will show the latest information as of 60 days prior to the semiannual reporting date.

f. Exhibit II will indicate the amount included or proposed to be included in the budget for each project or the amount actually appropriated or funded. Outyear data will reflect proposed FYDP submissions when practicable.

g. It is requested that the following format be used in completing the "Status" column on the Exhibit II:

- o Indicate "P?" if the project is in the preliminary planning stage.
- o Indicate "DES" if the project is under design or has been designed, but is not under construction.
- o Indicate "CON" if the project is under construction.
- o Indicate "CPL" if the project has been completed.
- o Indicate "DISC" if the project has been discontinued or dropped; reasons should be given.
- o Indicate "DEFER" if the project has been deferred or significantly delayed; reasons for deferral or delay should be given. If deferral or delay will cause non-compliance with Federal, State, or local requirement, it should be so noted.
- o Indicate "OTHER" if other than the above circumstances apply, and furnish an explanation.
- o Each project entry should contain the estimated completion date for construction.