

Also includes Petroleum Pollution Abatement

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DEPARTMENT OF THE ARMY
HEADQUARTERS, USARAL SUPPLY CONTROL CENTER
APO Seattle 98749

Memorandum
No. 11-21

15 March 1971

ENVIRONMENTAL POLLUTION ABATEMENT

1. Purpose. To provide a reaction plan to environmental pollution incidents.
2. Applicability:
 - a. Petroleum Directorate.
 - b. Deputy Chief, Supply Control Center, North.
 - c. Terminal Foreman Fairbanks Terminal.
 - d. All Directors and Chiefs of the USARAL Supply Control Center.
 - e. All personnel who are involved in an environmental pollution incident.
3. Responsibility.
 - a. The Petroleum Director is the Environmental Pollution Abatement Officer (EPAO) for the USARAL Supply Control Center (SCC), which includes North and South of the Alaska Range.
 - b. The Chief, Quality Surveillance Division, Petroleum Directorate, is the Assistant EPAO for Supply Control Center South of the Range.
 - c. The Terminal Foreman, Fairbanks Terminal, Petroleum Directorate, is the Assistant EPAO for Supply Control Center North of the Range.
 - d. The Deputy Chief, Supply Control Center (NOR), shall refer all environmental pollution problems to the Assistant EPAO North of the Range.
 - e. All Directors and Chiefs South of the Range shall refer all pollution problems to the EPAO or his Assistant for South of the Range.
 - f. Any individual in the Supply Control Center, whether on or off duty, shall report a suspected pollution incident through proper supervisory or command channels to the responsible Commanding Officer, Chief, or Director.
4. Policy. Any inadvertent or purposeful discharge of gas, liquid, or solid to the environment which exceeds limits prescribed by local, state, federal, or military governments or which is detrimental to the ecology,

whether suspected or real, will be treated as an environmental pollution incident.

5. General. a. The most logical pollution incident to occur with the greatest frequency is a petroleum spill. The attached Appendix is an internal Standing Operating Procedure for the Petroleum Directorate; and the terminologies, designated titles of officials, and actions are only intended for Petroleum Directorate personnel and are not to be confused with terms, titles, and actions in this basic procedure. Because of the magnitude of a petroleum pollution incident, the Appendix is added as a procedure to counteract this type of ecological contamination within the Petroleum Directorate or elsewhere in the Supply Control Center. It will also be used as a guideline by the Environmental Pollution Abatement Officer to combat other types of pollution.

6. Procedure. a. When a Chief or Director is aware of a pollution problem within his area of responsibility, he will:

(1) Investigate and confirm that a pollution incident is evident.

(2) If North of the Range, notify the Assistant EPAO at the Fairbanks Terminal, 353-5282. After duty hours or on weekends, call the Petroleum Directorate Dispatch Office, Fort Richardson, 862-4112.

(3) If South of the Range, notify the Petroleum Directorate Dispatch Office, Fort Richardson, 862-4112.

(4) Appoint himself as the On-Scene Commander who will be in charge of eliminating the source of pollution and removing the pollutant. He will proceed immediately to accomplish same.

(5) Immediately establish radio communication between the polluted site and the nearest Petroleum Directorate station or terminal.

(6) If needed, request assistance from the EPAO.

(7) Refer any questions by or information to outside agencies or news media to the EPAO.

(8) Submit reports to the EPAO as required in paragraph 7.

b. The Assistant EPAO, North, will:

(1) Notify the Petroleum Directorate dispatcher of any pollution problems.

(2) Stand by to assist the On-Scene Commander and the EPAO.

c. The Petroleum Directorate Dispatcher will notify the:

(1) Petroleum Directorate On Call Duty Official.

- (2) EPAO.
- (3) Assistant EPAO, South of the Range.

d. The EPAO will:

- (1) Be the Supply Control Center Staff Officer in charge of any reported pollution incident.
- (2) Notify by telephone in this order:
 - (a) Chief, USARAL Supply Control Center.
 - (b) ACofS, G-4.
 - (c) USARAL Command Operations Center (COC).
 - (d) USARAL Engineer.
 - (e) USARAL Information Officer.
- (3) Initiate and follow through with all Pollution and, if necessary, REPOL reports to higher headquarters in accordance with existing regulations.
- (4) Act as the Public Information Officer for the Supply Control Center.
- (5) Provide abatement guidance and maintain staff supervision over pollution abatement progress.
- (6) Take the necessary action to assist an On-Scene Commander.
- (7) Coordinate the activities of all agencies who provide assistance.
- (8) When a pollution abatement problem is solved and completed, submit a completion report to the USARAL Engineer.

7. Reporting. a. Pollution incidents must be reported accurately and promptly in order to minimize unfavorable publicity to the United States Army, Alaska. It is essential that all information pertaining to pollution incidents be reported at once to the EPAO as it arises. Radio communication from the polluted site to the nearest Petroleum Directorate station should be established quickly in order that information can be relayed expeditiously.

b. Information pertaining to pollution incidents will not be released to news media or outside commands or to agencies except by Headquarters, USARAL.

c. Following the initial pollution report, the On-Scene Commander shall:

(1) Submit a daily telephonic report to the Petroleum Directorate Dispatch Office, Fort Richardson, 862-4112, at 1600 hours.

(2) Maintain a daily log on the abatement progress.

(3) After completion of the clean-up operation and within three days, submit a final written report to the EPAO. Include the source of pollution, all details on the abatement measures used, a copy of the daily log reports, and the actions taken to preclude a recurrence of such incidents.

d. The Environmental Pollution Abatement Officer will:

(1) Submit telephone reports as indicated in paragraph 6d.

(2) Initiate and follow through with pollution reports as required by ALCOM Regulation 126-1 and USARAL Supplement to AR 11-21.

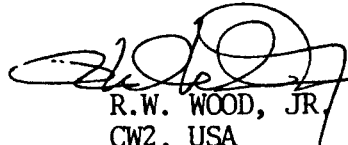
(3) Submit a completion report to the USARAL Engineer, reference USARAL Supplement 1 to AR 11-21.

(4) If the Chief, USARAL Supply Control Center, determines that a logistic emergency exists as a result of damages to installations and concurrent with a pollution incident, submit REPOL reports in accordance with Alaskan Command Manual AIM-144-1 and USARAL Regulation 700-6.

8. References:

- a. AR 11-21.
- b. ALCOM Regulation 126-1.
- c. ALCOM Manual AIM 144-1.
- d. USARAL Regulation 700-6.
- e. USARAL Supplement 1 to AR 11-21, as changed.

FOR THE CHIEF:



R.W. WOOD, JR.
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Administrative Officer

APPENDIX: Petroleum Pollution Abatement

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APPENDIX

DEPARTMENT OF THE ARMY
HEADQUARTERS, USARAL SUPPLY CONTROL CENTER
APO Seattle 98749

STANDING OPERATING PROCEDURE
No. 011-63-065

1 January 1971

PETROLEUM POLLUTION ABATEMENT

1. Purpose. To provide a reaction plan to petroleum pollution incidents.
2. Applicability:
 - a. All Division Chiefs.
 - b. Pollution Abatement Officer.
 - c. Safety Officer.
 - d. Dispatcher on Duty.
 - e. All personnel who are physically involved in any pollution abatement incident.
3. Responsibility.
 - a. The Chiefs, (General Foremen), Whittier/Anchorage Pipeline, Haines/Fairbanks Pipeline North and Haines/Fairbanks Pipeline South, shall have overall supervision of physically counteracting a pollution incident when it occurs in their areas.
 - b. The Pollution Abatement Officer shall have staff supervision over a pollution incident.
 - c. The Chief of Distribution will personally assume dispatch control over a pollution incident.
 - d. The Chief of Engineering and Maintenance shall provide necessary technical data and advice with reference to installations.
 - e. The Chief of Supply shall be constantly informed and alerted to the possibility of ordering emergency supplies.
4. Policy. A petroleum pollution incident will have a first magnitude of priority unless otherwise dictated by the Petroleum Director.
5. General.
 - a. A petroleum spill, whether suspected or confirmed, is any discharge of petroleum products to the environment. It may occur from pipelines, tanks, tank cars, or tanker vehicles.

b. All suspected or confirmed petroleum spills will be immediately reported by Petroleum Directorate personnel whether on or off duty.

6. Procedure. a. An individual who is reporting a petroleum spill, will, in this order:

(1) If good judgment dictates, and without endangering himself, take immediate action which will stop this spill (example, closing a valve, shutting down pump).

(2) Notify the dispatcher on duty.

(3) Notify his immediate supervisors.

(4) Stand by until his immediate supervisor releases him. If on duty, he will also notify the Station Foreman and General Foreman.

b. The Dispatcher on Duty, if within the presence of the Chief of Distribution, will notify the Chief that a spill is reported. Otherwise, the Dispatcher will:

(1) If his judgment renders it, take any immediate action to stop, isolate, or minimize any spill.

(2) Notify following individuals in this order:

(a) Chief of Distribution Division.

(b) Petroleum Director.

(c) Pollution Abatement Officer.

(d) Safety Officer.

(e) Chief of Quality Surveillance Division.

(f) Chief of Engineering and Maintenance Division.

(g) Chief of Supply Division.

(3) Immediately begin recording all pertinent data and actions on DA Form 1594. Record times, persons contacted, crux of conversations, and any actions taken by the Dispatcher or personnel in the field.

(4) Instruct operator on duty within area of spill to notify the responsible Station Foreman and General Foreman.

c. The Chief of Distribution will:

(1) Assure that all the actions in paragraph 6b were taken.

(2) Take any further action within the purview of his authority to contain any spillage.

(3) Transmit all pertinent information and actions to the Petroleum Director and the Pollution Abatement Officer and work in close harmony with all effected Division Chiefs.

(4) Act as a focal point to relay messages to and from the field.

(5) Continue recording pertinent data and actions on a DA Form 1594 until the action on the reported incident is completed. The completed Form 1594 will be turned over to the Pollution Abatement Officer.

d. The Pollution Abatement Officer will:

(1) Under the direction of the Petroleum Director, be the Staff Officer-in-Charge.

(2) In the absence of the Director, act in the capacity of the Director pertinent to any pollution problems and he will be the decision making authority for the Petroleum Director.

(3) Notify in this order:

(a) Chief, USARAL Supply Control Center.

(b) ACoFS, G-4.

(c) USARAL Command Operations Center (COC).

(d) USARAL Engineer.

(e) USARAL Information Officer

(f) ALCOM - JPO.

(4) Act as the Public Information Officer for the Petroleum Directorate.

(5) Coordinate all the activities of the effected Divisions.

(6) Provide abatement guidance and maintain staff supervision over pollution abatement progress.

(7) Initiate and finalize all reports to higher headquarters in accordance with ALCOM Regulation 126-1 and USARAL Supplement 1 to AR 11-21.

(8) Submit a completion report to the USARAL Engineer.

e. The Chief of Engineering and Maintenance will:

(1) Investigate plans, drawings, linalog charts, or other engineering data pertinent to any installation from which the spill originates.

2 → (2) Prepare a list by location of all pollution abatement equipment.

(3) Make necessary preliminary preparations to marshal and move men and equipment into the reported polluted area.

(4) Advise the Director, Pollution Abatement Officer, effected Division Chiefs, and elements in the field with information pertinent to the safe and proper repair of installation damage.

(5) Maintain staff supervision over repairs of any damages.

f. The Safety Officer will assure proper measures are taken to prevent fire and manpower hazards.

g. The Quality Surveillance Chief will issue instructions to recover any collected pools of petroleum products.

h. The General Foreman in whose area a reported petroleum spill occurs will:

(1) Take immediate action to locate spill and damaged installation from which spill originates.

(2) Take immediate remedial action to arrest spill and contain any spillage.

(3) Establish radio communication between the nearest station and the spill area in order to have communications with headquarters.

(4) Assign himself as the On-Scene Commander who will be in charge.

(5) Immediately, through guidance and assistance from headquarters, make permanent repair of installation damages and apply measures to recover and/or remove pollutant.

(6) Promptly report relative information as it arises. Constantly observe polluted area for wildlife kill and plant life damage.

(7) Carefully initiate teletype reports as follows:

(a) Initial Report. This is a teletype report which confirms the original verbal report submitted by the reporting individual. Label it as an "Initial Report" and submit it within 3 hours after the original report was made, following the format in paragraph 7.

(b) Daily Report. Submit a teletyped "daily report" by 1600 hours following the format in paragraph 7. If there is no change in pollution

status, report only 'no change' without following the format. Include as an extra line, the percent repairs accomplished.

(c) Final Report. This is the last report, notating that repairs are 100% accomplished and pollutant removed.

7. Reporting. a. The format below will include but is not limited to the following information when submitting "Initial and Daily" reports per paragraph 6h(7)(a) and 6h(7)(b).

- (1) Date and time of incident.
- (2) Type and estimated barrels of pollutant.
- (3) Location of incident and the nature of the terrain at the location to include surface and subsurface drainage characteristics and relationship to water bodies. (Note. Locate pipeline break to a measured foot from any prominent pipeline marking such as a valve, if feasible. Also bracket pipeline breaks by pipeline mileposts and highway mileposts.)
- (4) Corrective action to eliminate pollution source.
- (5) Corrective action taken to remove pollutant.
- (6) Assistance required.
- (7) Damage impact on the surroundings, including fish, wildlife, and vegetation.
- (8) Estimated completion date of remedial actions.
- (9) Reaction by the local public to the incident.

b. If damage to the ecology is observed such as dead fish, wildlife, or vegetation, a separate paragraph will be added to the above report to include the following information. This report will be initiated each time new ecological damage is observed.

- (1) Date/Time of observation.
- (2) Name of military installation or nearest town (as appropriate).
- (3) Location of incident.
- (4) Type of water (salt, fresh, estuary).
- (5) Apparent cause of kill if available.
- (6) Type of fish or wildlife killed and plant life damaged.
- (7) Estimated number killed.

(8) Extent of area affected, (miles of stream, acres of water or land, miles of beach).

(9) Remarks.

c. It is essential that pertinent information, as it arises, be promptly and accurately relayed to headquarters. Petroleum spills are normally released to the news media immediately. Promptness and accuracy will therefore minimize unfavorable publicity to the United States Army, Alaska.

8. Recissions: None.

9. Originator: Pollution Abatement Officer.

10. Concurrences: All Division Chiefs.

11. References:

a. AR 11-21.

b. USARAL Supl 1 to AR 11-21 and C1.

c. ALCOM Regulation 126-1.

Billy Spinks
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Director