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TECHNICAL REVIEW COMMITTEE MEETING MINUTES 2 MARCH 1989 NCBC GULFPORT
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NCBC GULFPORT



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From: Commanding Officer, Naval Construction Battalion Center, Gulfport
To: Commanding Officer, Southern Division, Naval Facilities Engineering
Command (Code 11434)

Subj: TECHNICAL REVIEW COMMITTEE

Encl: (1) CBC Gulfport Technical Review Committee meeting minutes of
2 March 1989
(2) Proposed CBC Gulfport Technical Review Committee Charter

1. Enclosure (1) is the minutes of the Naval Construction Battalion Center (CBC), Gulfport, Technical Review Committee (TRC) meeting of 2 March 1989, and explains the need for the committee and its responsibilities.

2. Enclosure (2) is the proposed charter for the committee. It is requested that you review enclosure (2) and forward any comments you have to us. If the charter is approved by all members, it will be returned to you requesting your signature.

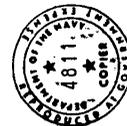
3. The next meeting will be held in July. As soon as the date is finalized, we will call you. If you have any questions concerning the TRC or the Navy Installation Restoration Program, point of contact is Mr. Tom Sarros, Code 470.2, AUTOVON 363-2484, or commercial (601) 865-2484.

G. H. HORMAN
By direction

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CBC GULFPORT
TECHNICAL REVIEW COMMITTEE MEETING MINUTES
02 MARCH 1989

MEMBERS PRESENT

| <u>NAME</u> | <u>ORGANIZATION</u> | <u>ADDRESS</u> | <u>TELEPHONE</u> |
|--|--|--|------------------|
| Tom Sarros, Command Representative | Planning Division Public Works Dept | Naval Construction Battalion Center Gulfport, MS 39501 | (601)865-2484 |
| Wayne Mathis | Environmental Protection Agency | 345 Courtland Street Atlanta, GA 30365 | (404)347-3776 |
| Caleb Dana | Mississippi Dept of Natural Resources | P.O. Box 10385 Jackson, MS 39209 | (601)961-5171 |
| Gary Horman | Planning Division Public Works Dept | Naval Construction Battalion Center Gulfport, MS 39501 | (601)865-2484 |
| Richard Byrd | Naval Facilities Engineering Command Southern Division | P.O. Box 10068 Charleston, SC 29411 | (803)743-0576 |

MEMBERS ABSENT

| | | | |
|------------------|---|--------------------------------------|---------------|
| Mayor Leory Urie | Mayor of Gulfport | P.O. Box 1780 Gulfport, MS 39502 | (601)868-5700 |
| John Becker | City of Long Beach | P.O. Box 929 Long Beach, MS 39560 | (601)863-1554 |
| Philip Allen | Harrison County Board of Supervisors | P.O. Drawer CC Gulfport, MS 39502 | (601)832-4635 |

NEW MEMBER

| | | | |
|-------------|-----------------|---|---------------|
| Dr. Ed Cake | Member At Large | Gulf Esturine Association P.O. Box 176 Ocean Springs, MS 39564 | (601)872-2507 |
|-------------|-----------------|---|---------------|

DISCUSSION

1. Mr. Sarros (CBC Gulfport) addressed the committee and stated that the minutes of each meeting would be forwarded to the members after each meeting. He further stated that a report would be prepared explaining the purpose of the committee, and why it was formed. This report will be made a part of these minutes and is included here as attachment (1).
2. Mr. Mathis (EPA Region IV) suggested that the committee invite a person from the local community at large to become a member of the committee. He



further suggested that this person be someone who is involved with environmental issues, but who does not represent the federal or local government. Mr. Horman (CBC Gulfport) stated that CBC Gulfport will find someone and request he join.

3. Mr. Byrd (Southern Division, NAVFAC) requested that copies of the dump site Final Verification Report be forwarded to each committee member. The reports will be forwarded at a later date.

4. A general discussion of the need for the Technical Review Committee (TRC) then took place. Generally, the committee is responsible for reviewing clean-up proposals at CBC Gulfport; to compile an administrative record of actions taken, to keep the public informed and to address the community's concerns. The committee is advisory in nature and final decisions are the Navy's.

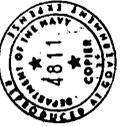
5. Mr. Dana (MS State Bureau of Pollution Control) asked which type of materials are located at the existing sites. Mr. Byrd responded; paints, solvents, cleaning compounds, vehicle shop waste and in one site, residue from various oils, chemicals, etc. which were burned in the site for fire fighter training. Mr. Dana stated that the State was very glad to be a member of this committee and that he was responsible for ensuring that the people of Mississippi at large were properly protected and their interests seen to. Mr. Dana also stated that the State CERCLA is operated the same as EPA's.

6. Mr. Byrd stated that the recently completed Harding Lawson Associates (HLA) Study determined that no hazardous waste in the sites were migrating out of the sites via groundwater. Each of the sites (1 through 7) have monitoring wells which have been tested and have shown that the waste is not migrating. Additionally, more wells will be drilled and monitored to ensure no waste migrates from the sites.

7. Mr. Mathis stated that because the sites at CBC Gulfport are very stable, he does not see a lot of CERCLA overview by EPA at this installation occurring. CBC Gulfport is not on the National Priorities List (NPL) and therefore will not be frequently inspected by EPA for CERCLA/RCRA violations/compliance.

8. Mr. Mathis requested that the status of Site #8 (Herbicide Orange Site) be made a portion of these minutes. Mr. Horman (CBC Gulfport Planning Officer) gave a brief overview of actions taken and those still remaining. The Herbicide Orange Site was excavated of 26,000 tons of contaminated soil. This soil was incinerated to remove dioxin and then returned to the site. All parts of the process were carefully monitored to ensure no spill or release of hazardous waste to the environment occurred. The project was carried out by the Air Force as a research and development project and took 26 months to complete. The delisting of the site as a hazardous waste site is underway and should be completed within the next six months to a year. Once the site has been delisted and closed, it will be returned to CBC Gulfport and used as open storage area.

9. Mr. Bryd stated that under Phase III, Southern Division, NAVFAC, Charleston will hire an an Architect and Engineer (A&E) firm to scope out any remedial actions required on the sites. When the remedial action plan is complete, it will be reviewed by the CBC Command and the Committee. Committee concerns will be addressed/answered at that time.



10. Mr. Mathis suggested that the meeting minutes be made available to the general public. He suggested sending copies to the various public libraries.

11. Mr. Mathis wanted to know how reliable some of the information in the reports were. He specifically wanted to know about eye witness reports. Mr. Horman stated that many of those involved had been at CBC Gulfport since 1942 when the base was opened. Mr. Horman felt that the individuals were very conscientious and reliable and that the reports given were accurate.

13. A copy of the Charter for the TRC is included as attachment II to these minutes and it is requested that all members review them and forward their comments to Naval Construction Battalion Center, Code 470.2. Once the charter has been agreed upon, it will be redistributed for signature.

14. At this point no further business was required and the meeting was adjourned.



INSTALLATION RESTORATION PROGRAM

PROGRAM BACKGROUND. Past hazardous waste disposal methods, although acceptable at the time, have often caused unexpected long-term problems through release of hazardous pollutants into the soil and groundwater. In response to growing recognition of these problems, the U.S. Congress directed the U.S. Environmental Protection Agency (EPA) to develop a comprehensive national program to manage past disposal sites. The program is outlined in the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of December 1980.

DEPARTMENT OF DEFENSE (DOD) PROGRAM. DOD efforts in this area preceded the nationwide CERCLA program. In 1975, the U.S. Army developed for DOD a pilot program to investigate past disposal sites at military installations. In 1980, DOD named this program the Installation Restoration Program and instructed the services to comply with program guidelines.

NAVY PROGRAM. The Navy manages its part of the program, the Navy Assessment and Control of Installations Pollutants (NACIP) Program (now titled the Installation Restoration Program (IRP)), in three phases. Phase I, the Initial Assessment Study (IAS), identifies disposal sites and contaminated areas caused by past hazardous substances storage, handling or disposal practices at naval activities. These sites are then individually evaluated with respect to their potential threat to human health or to the environment. Phase II, the Confirmation Study, verifies or characterizes the extent of contamination present and provides additional information regarding migration pathways. Phases I and II have been completed at CBC Gulfport and Phase III is currently underway. Phase III, Remedial Action, provides the required corrective measure to mitigate or eliminate confirmed problems.

REGULATIONS. The regulation issued for CERCLA compliance is known as the National Contingency Plan (NCP). The NCP set forth the following general procedures for initiating and carrying out the remedial process at CERCLA sites:

- a. Site Discovery and Notification
- b. Preliminary Assessment/Site Inspection
- c. National Priorities List (NPL) Ranking and List
- d. Remedial Investigation/Feasibility Study
- e. Record of Decision
- f. Remedial Design/Remedial Action
- g. Operation and Maintenance
- h. Long-Term Monitoring

NAVAL CONSTRUCTION BATTALION CENTER, GULFPORT
INSTALLATION RESTORATION PROGRAM



1. Phase I of the Installation Restoration Program (IRP) at Naval Construction Battalion Center (CBC), Gulfport, began in 1985 with the "Initial Assessment Study" prepared by the Naval Energy and Environmental Support Activity (NEESA). This report identified and characterized (see Table 1) the various old dump sites at CBC Gulfport.
2. Phase II of the IRP was carried out by Harding Lawson Associates (HLA). During this phase, several monitoring wells were dug around the sites to determine if any materials in the sites were migrating out of the sites via groundwater. The results from the report determined no hazardous substance/waste is migrating from the sites (See Table 2).
3. Phase III of this study will determine what methods, if any, will be required to comply with CERCLA. Southern Division, Naval Facilities Engineering Command (SOUTHNAVFACENGCOM) in Charleston has listed several A&E firms to complete this phase of the IRP. A firm will be chosen soon and this program continued. The overall process is outlined in Figure 3-1 attached.



TABLE 1

INSTALLATION RESTORATION SITE SUMMARY

SITE BACKGROUND

Site # 1 - Operated from 1942-1948 as a disposal area. An unknown quantity of paints, oils, solvents, and cleaning compounds were disposed of at this site.

Site # 2 - Operated from 1942-1948 as a landfill. During this period an unknown quantity of paints, oils, solvents, and cleaning compounds were disposed of at this site.

Site # 3 - Operated as a landfill and burn pit area from 1948-1966. During this period, an estimated 130,000 gallons of flammable liquids were burned at this site. Additionally, an unknown quantity of oils, solvents, and paints were disposed of at this site.

Site # 4 - Operated as a landfill from 1966-1972. Unknown quantities of solid waste, oils, fuels, and solvents were disposed of at this site during its operation.

Site # 5 - Operated as a landfill from 1972-1976. An estimated 50-100 drums of DDT was disposed of in this landfill along with unknown quantities of paints, solvents, oils, paint strippers, and cleaning compounds.

Site # 6 - Operated from 1966-1975. An estimated 500,000 gallons of fuels, oils, and solvents were burned during fire fighting training operations during this period.

Site # 7 - Operated from 1978-1984 as a landfill. During this period concrete rubble, construction demolition materials, and debris were disposed of at this site in unknown quantities.

Site # 8 - Operated from 1968-1977 as a storage site for Herbicide Orange (H.O.). The H.O. was removed in 1977 and incenerated. The site was cleaned in 1987/88.

Site # 9 - Five 55 gallon drums of hazardous waste were discovered here in 1984. The drums and surrounding soil were properly disposed of in 1984.

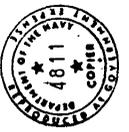


TABLE 2

CHARACTERIZATION STUDY RESULTS

Site # 1 - No significant contamination detected. Installation of one or more additional downstream monitoring wells recommended.

Site # 2 & 7 - No significant contamination detected. Installation of additional downstream monitoring wells recommended.

Site # 3 - No significant contamination detected. Installation of additional downstream monitoring wells recommended.

Site # 4 - No significant contamination detected. Installation of additional downstream monitoring wells recommended.

Site # 5 - No significant contamination detected. Installation of additional downstream monitoring wells recommended.

Site # 6 - No significant contamination detected. Recommended to resample existing wells for 1,1 and 1,2 Dichloroethane which was detected in very low concentrations in well GPT-6-3.

Site # 8 - This site was determined to contain H.O. by various Air Force studies. Remedial actions were completed in 1988. The site is currently in the delisting process at EPA and has been removed from the Phase III study.

Site # 9 - This site was determined to contain several barrels of hazardous waste. The barrels and surrounding dirt were disposed of in 1984. No further remedial action is required.



NAVAL CONSTRUCTION BATTALION CENTER GULFPORT
TECHNICAL REVIEW COMMITTEE CHARTER

In order to establish a body which will facilitate communication and coordination among its members, this Technical Review Committee (TRC) Charter (hereinafter referred to as the "Charter"), is entered into by the following parties: The United States Navy, Naval Construction Battalion Center (CBC), Gulfport, the U.S. Environmental Protection Agency (EPA), the Mississippi Department of Natural Resources (MDNR), the County of Harrison, the City of Gulfport, Mississippi, City of Long Beach, Mississippi, and the local community of Harrison County, Mississippi (hereinafter referred to as the "Members").

All members entering into this Charter recognize and agree that their mutual consent and cooperation will help achieve the best possible solutions to potential problems at CBC Gulfport, and protect public health, welfare, and the environment.

I. Purpose

A. The TRC shall review and comment on proposed Navy response actions with respect to the Navy's Installation Restoration Program (IRP) at CBC Gulfport.

B. The TRC shall coordinate technical review procedures and schedules to be followed by the Navy during the IRP at CBC Gulfport.

C. The TRC shall timely identify any federal and promulgated state standard, requirement, criteria, or limitations that are legally applicable or relevant and appropriate under the circumstances of the release or threatened release of a hazardous substance, pollutant or contaminant at CBC Gulfport.

II. Basis and Authority for Charter

The basis and authority for this Charter is the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), particularly Sections 120(a), 120(f), and 121(f), and 10 U.S.C. 2705, enacted by Section 211 of SARA.

III. Structure of the Technical Review Committee (TRC)

A. The TRC shall consist of the CBC Gulfport Installation Commander, or his designated representative (Chairman), the Naval Facilities Engineering Command, Engineering Field Division (NAVFACENGCOM EFD), Environmental Protection Agency (EPA), Mississippi Department of Natural Resources (MDNR), the County of Harrison, the City of Gulfport, Mississippi, the City of Long Beach, Mississippi, and a public representative of Harrison County, Mississippi (at large).

B. The TRC shall generally meet in the vicinity of Gulfport, Mississippi, on a quarterly basis or as required. More frequent meetings may be called by the Chair, or his designated representative, at the request of any member organization. It is essential that all committee members be present or represented at each TRC meeting.



C. Members will serve without compensation. All expenses incident to travel and review inputs will be borne by the respective member's organization.

D. The Chair shall be responsible for recording the minutes of the meetings and for dissemination of these minutes to committee members within 14 calendar days after the meeting. Committee members shall review and comment if desired, on the minutes within 14 calendar days after their receipt of the minutes.

E. Navy technical data, remedial investigation reports, feasibility study reports, work plans, and other documents relating to Navy response actions shall be sent to committee members. Members shall submit written reviews to the Chair within 30 calendar days following receipt, unless additional time is granted upon request to the Chair.

F. The Navy shall respond to committee members within 30 days of receipt of their reviews, indicating its response to comments and specifying the reasons for not adopting any recommendations.

IV. Function of the TRC

A. The primary function of the TRC is to obtain coordinated direction for IRP actions at CBC Gulfport through consultation with EPA, state, and local authorities. The committee members will be required to review and comment on various IRP data, technical documents, reports, studies, plans, and proposed response actions. They shall recommend necessary changes based on continuing review of IRP actions at CBC Gulfport. Individual committee members are responsible for ensuring that their inputs reflect the position of their respective parent organizations.

B. The EPA representative shall specifically review Navy documents for consistency with applicable EPA guidelines, rules, regulations, and criteria, especially the National Contingency Plan, and to ensure that remedial actions are permanent, cost effective and adequate to protect the public health and welfare of any affected populations and the environment. The EPA representative shall additionally propose any federal standard, requirement, criteria, or limitation that is legally applicable or relevant and appropriate under the circumstances of the release or threatened release for any hazardous substance, pollutant or contaminant which will remain or be treated on site.

C. The MDNR representative shall timely identify any promulgated state standards, requirements, criteria, or limitations that are legally applicable or relevant and appropriate under the circumstances of the release or threatened release for any hazardous substance, pollutant, or contaminant which will remain or be treated on site.

V. Effective Date, Flexibility and Modification

A. The effective date of the Charter shall be the date of the last member's signature.

B. This Charter may be amended by the mutual consent of all members. Such amendments must be in writing and signed by all members.



C. Because the work to be accomplished involves a great deal of unknown technical questions and field work, including evaluation of unknown scientific data, the members acknowledge that the scope of work is likely to change several times before completion.

D. It is acknowledged that some IRP work may result in several sites at CBC Gulfport being dropped from further investigation, due to lack of evidence of potential problem. At the same time, some sites may require interim remediation without total completion of the remedial investigation. In all cases, written documentation will be accomplished subject to review by all TRC members.

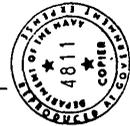
VI. Imminent Health Hazard

If an imminent health hazard is discovered by any member or any other person during the effort covered by this Charter, immediate action will be taken to notify all responsible parties, including local health officials.

VII. Termination

The provisions of this Charter shall be satisfied and considered complete when all members agree in writing to terminate the TRC.

- See attached Page -



H. H. LEWIS, JR., CAPT, CEC, USN
Commanding Officer (Chairman)
Naval Construction Battalion Center
Gulfport, MS

Date

CALAB DANA
Coordinator CERCLA Branch
Mississippi Department of
Natural Resources
Jackson, MS

Date

WAYNE MATHIS
Regional Administrator
Environmental Protection Agency
Region IV
Atlanta, GA

Date

LEROY URIE
Mayor
City of Gulfport, MS

Date

DR. ED CAKE
Member At Large

Date

PHILIP ALLEN
District Four Supervisor
County of Harrison
Gulfport, MS

Date

RICHARD BYRD
Naval Facilities Engineering Command
Engineering Field Division
Charleston, SC

Date

GLEN MITCHELL
Mayor
City of Long Beach, MS

Date