



01.01-9/27/88-00202
UNITED STATES MARINE CORPS
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542-5001

IN REPLY REFER TO

5420/2
FAC
SEP 27 1988

From: Chairman, Environmental Enhancement/Impact Review Board

Subj: MINUTES OF EE/IRB MEETING OF 23 AUGUST 1988 AND
PRELIMINARY ENVIRONMENTAL ASSESSMENTS

Ref: (a) BO 11015.2G
(b) BO 11000.1B
(c) Mtg btwn Col Weed, Col Dalzell, Bob Alexander of
25 Aug 88

Encl: (1) List of Attendees
(2) Preliminary Environmental Assessments
(3) Revised Operational Plans for Demolition Landfill at
Sanitary Landfill Site
(4) Amended F-18 Range Map

1. The Camp Lejeune Environmental Enhancement/Impact Review Board established by references (a) and (b) met on 23 August 1988 with attendees shown on enclosure (1). The purpose of the Review Board is to insure that all required and applicable environmental considerations are included in projects brought before the Board.

2. Five projects were brought before the Review Board. A Preliminary Environmental Assessment (PEA) was completed on each of the projects and are attached as enclosure (2). Each PEA lists specific environmental actions which must be included in the design and/or implemented during the project development. Any follow-up action required is noted on the PEA.

3. Following is a list of the projects brought before the Review Board and the major issues for each project:

a. *Additional*
Proposed Demolition Landfill at Sanitary Landfill Site:

Issues Discussed/Comments Received:

(1) Open Burning: As shown at enclosure (3), the operational plan will be amended at paragraph II.E.: "when quantities of wood products are accumulated to the point that the continued use of the wood recycling area is adversely affected, fire fighting training will be conducted to burn the wood in accordance with air quality permits obtained from the State of North Carolina."

(2) Control of Access and Personal Safety: The attendant on duty will be trained regarding prohibitions for hazardous waste or other unacceptable materials entering the site. Train-

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ing records will be kept by Base Maintenance Division. In addition to the security gate, a sign at the demolition landfill will prominently describe types of materials allowed and prohibited and alert all persons entering the site to potential safety hazards therein.

(3) Recycling of Utility Poles: Operating procedures will include a description of a staging area for used utility poles at a portion of the site to be designated for storage which will not be burned under any circumstances.

b. ^{Modified} Proposed Demolition Landfill at French Creek:

Issues Discussed/Comments Received:

(1) Operating Procedures: Coordination between Base Maintenance Division and ROICC will be accomplished to enable continued use of this site by contractors for borrow material while maintaining security against unauthorized entry and placement of unauthorized material.

(2) Site Security: In addition to the security gate, a sign will be posted prominently describing types of materials allowed and prohibited.

(3) Site Restoration: As needed, landscape waste, fly-ash, and masonry rubble will be leveled using heavy equipment as needed.

c. Hadnot Point Greenway Trail:

No significant environmental impacts are associated with this project.

d. Proposed Pier; Camp Johnson:

Issue Discussed:

(1) Pier must be constructed in accordance with U. S. Army Corps of Engineers' permit.

e. Marine Combat Training:

Issues Discussed/Comments Received:

(1) Types and durations of infantry training to be conducted at the various training sites.

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(2) Provisions of sanitary waste disposal during the small group trails in October, 1988 and full implementation in June, 1989.

(3) Wetlands impacts have been mitigated by relocation of training sites from areas where wetlands occurred within the project's site (base camp and training site A) to site locations where no wetlands would be impacted.

(4) Wildlife Management Effects: With the continuous use of extensive portions of the Verona Loop training areas, over population of the White Tail Deer herd is likely to occur. Coordination of scheduled training and deer hunting must be accomplished between the Training and Operations Department and NREAD.

(5) Waste Disposal: SOI will establish an accumulation point in the Verona area for hazardous material/waste handling.

(6) F-18 .50 Caliber Machine Gun Training: Establishing the F-18 range for machine gun training converts about 1,000 acres of existing commercially forested land to range surface danger zone in the FB and FC training areas. The F-18 site was selected for .50 caliber machine gun training in lieu of G-6 and G-7 ranges which would further restrict traffic on the Atlantic Intercoastal Waterway. Efforts are underway to determine the feasibility of using ammunition made of plastic vice conventional "ball" rounds in order to reduce the size of the .50 caliber surface danger zone. This plastic ammunition will substantially reduce the cost of training ammunition as an additional benefit.

During reference (c), it was determined that the proposed surface danger zone of the F-18 range for firing .50 caliber machine guns could encompass marked habitat of the red cockaded woodpecker in the FB/FC training area, see enclosure (4). In order to confirm the extent to which firing .50 caliber machine guns at the F-18 range would affect woodpecker habitat, the following actions will be taken:

(a) During machine gun training in the small group trials, the firing point and lateral limit markers will be established in such a way that a narrow surface danger zone is created which will not encompass woodpecker habitat.

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(b) Use of plastic ammunition will be further evaluated in order to minimize the size of the surface danger zone.

(c) Prior to beginning the full implementation of the Marine Corps Combat Training in June, 1989, informal consultation will be conducted with Fish and Wildlife Service utilizing a revised range surface danger zone for .50 caliber firing.


T. J. DALZELL

Distribution:
CMC-LFL
LANTDIV (Codes 09A & 114)
Action Sponsors
Board Members and Advisors
EnvEngr

	<u>CONCUR</u>	<u>NON-CONCUR</u>	<u>DATE</u>
C/S	_____	_____	_____
CG	_____	_____	_____

MCB Environmental Impact Review Board

23 AUG 1988

Name	Representing	Phone
DON CURGANOS	Base Maint	2634/5158
TEX RITTER	BASE SAFETY	5725
LCDR Ron Ellis	NAVAL HOSPITAL	5707
LT COL J. WELLINGTON	OSJA, MCB	5502
CAPT RB CRONIN	PMO (GAME WARDEN)	x 2455/6/7
Col T. J. Dalzell	Ac/s MCB	3034/3035
STERE MIKO	BASE MAINT MGR	
JULIAN WOOTEN	NREAD	2083
BUCKNER	RANGE CONTROL	5083
CARROW, J. J.	Ac/s ops	
WEEDE, D.	Ac/s OPS	
LARRY BRANT	Public Works Office	1833/1836
Charles Peterson	NREAD	2195/2083
MAD Roberts	SUI	0187
B. W. Elston	Dep. Ac/s Facilities	2323
Bob Alexander	ENV ENGR	3034

Encl: (1)

UNITED STATES MARINE CORPS
Marine Corps Base
Camp Lejeune, North Carolina 28542-5001

ENVIRONMENTAL IMPACT/ENVIRONMENTAL ENHANCEMENT REVIEW BOARD

PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA) Date: 23 Aug 88

Subj: PROPOSED DEMOLITION LANDFILL AT SANITARY LANDFILL SITE

Action Sponsor:

In accordance with Base Orders 11000.1B and 11015.2G, the subject action has been reviewed by the Marine Corps Base Environmental Impact Review Board.

BOARD ACTION

_____ The Board agreed there appears to be no significant environmental impact or controversy associated with this project.

XX_____ The Board agreed there appears to be no significant environmental impact or controversy associated with this project provided:

- An operating permit for a demolition landfill is obtained from the NC Division of Health Services.
- Unauthorized entry and disposal of hazardous waste or other unacceptable materials is prevented.
- Recycling of wood products is maximized.

_____ The Board agreed there is potential environmental impact with the project and recommends the following:

Enclosure (2)

UNITED STATES MARINE CORPS
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ENVIRONMENTAL IMPACT/ENVIRONMENTAL ENHANCEMENT REVIEW BOARD

PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA) Date: 23 August 88

Subj: PROPOSED DEMOLITION LANDFILL AT FRENCH CREEK BORROW PIT

Action Sponsor:

In accordance with Base Orders 11000.1B and 11015.2G, the subject action has been reviewed by the Marine Corps Base Environmental Impact Review Board.

BOARD ACTION

_____ The Board agreed there appears to be no significant environmental impact or controversy associated with this project.

XX_____ The Board agreed there appears to be no significant environmental impact or controversy associated with this project provided:

- An operating permit for a demolition landfill is obtained from the NC Division of Health Services.
- Unauthorized entry and disposal of hazardous waste or other unacceptable materials is prevented.
- Continued use of the French Creek Borrow Pit by contractors on construction projects is coordinated with Base Maintenance Division during demolition landfill operation.

_____ The Board agreed there is potential environmental impact with the project and recommends the following:

UNITED STATES MARINE CORPS
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ENVIRONMENTAL IMPACT/ENVIRONMENTAL ENHANCEMENT REVIEW BOARD

PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA) Date: 23 August 88

Subj: PROPOSED PIER; CAMP JOHNSON

Action Sponsor:

In accordance with Base Orders 11000.1B and 11015.2G, the subject action has been reviewed by the Marine Corps Base Environmental Impact Review Board.

BOARD ACTION

_____ The Board agreed there appears to be no significant environmental impact or controversy associated with this project.

XX _____ The Board agreed there appears to be no significant environmental impact or controversy associated with this project provided:

- Construction conforms to special conditions, Department of Army General Permit #SAWCO78-N-000-0056, expiration date 31 December 1992, "...construct...piers....in navigable water....in the State of North Carolina".

_____ The Board agreed there is potential environmental impact with the project and recommends the following:

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ENVIRONMENTAL IMPACT/ENVIRONMENTAL ENHANCEMENT REVIEW BOARD

PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA) Date: 23 August 88

Subj: MARINE COMBAT TRAINING

Action Sponsor:

In accordance with Base Orders 11000.1B and 11015.2G, the subject action has been reviewed by the Marine Corps Base Environmental Impact Review Board.

BOARD ACTION

_____ The Board agreed there appears to be no significant environmental impact or controversy associated with this project.

XX_____ The Board agreed there appears to be no significant environmental impact or controversy associated with this project provided:

- Construction of water supply and waste water disposal facilities conforms to permits issued by the State of North Carolina.
- Coordination of military training and deer hunting is accomplished to continue effective wildlife management efforts.
- Hazardous waste handling complies with established base policy.
- Informal consultation regarding F-18 range impacts on red-cockaded woodpecker habitat concludes adverse impacts do not exist or proper mitigation measures are taken.

_____ The Board agreed there is potential environmental impact with the project and recommends the following:

OPERATIONAL PLAN DEMOLITION LANDFILL
AT SANITARY LANDFILL SITE

I. General

- A. Operational and Maintenance of this site will conform to the procedures listed below.
- B. Site location is approximately 2,000 feet northeast of the entrance to the Base Sanitary Landfill off Sneads Ferry Road. Location map is attached.

II. Operation Procedures

- A. Types of material to be placed in the site will be limited to:
 - 1. Structural wood products
 - 2. Pallets
 - 3. Other wood material such as utility poles, doors, concrete form materials, and landscape wastes
 - 4. Firewood
- B. Materials will be deposited into the smallest area feasible while segregating potentially recyclable material into common areas.
- C. Site operations involving disturbance of vegetative cover and soils will be limited to minimum necessary for safe and efficient operation. Disturbed areas will be seeded with suitable vegetation.
- D. Unauthorized entry will be prohibited by means of a security gate. An attendant will be on duty during the hours of operation to prevent entry of hazardous waste or unauthorized waste into the site.
- E. This site will be used for firefighting training only: When quantities of wood products are accumulated to the point that the continued use of the wood recycling area is adversely affected. Fire fighting training will be conducted to burn the wood in accordance with air quality permits obtained from the State of North Carolina.

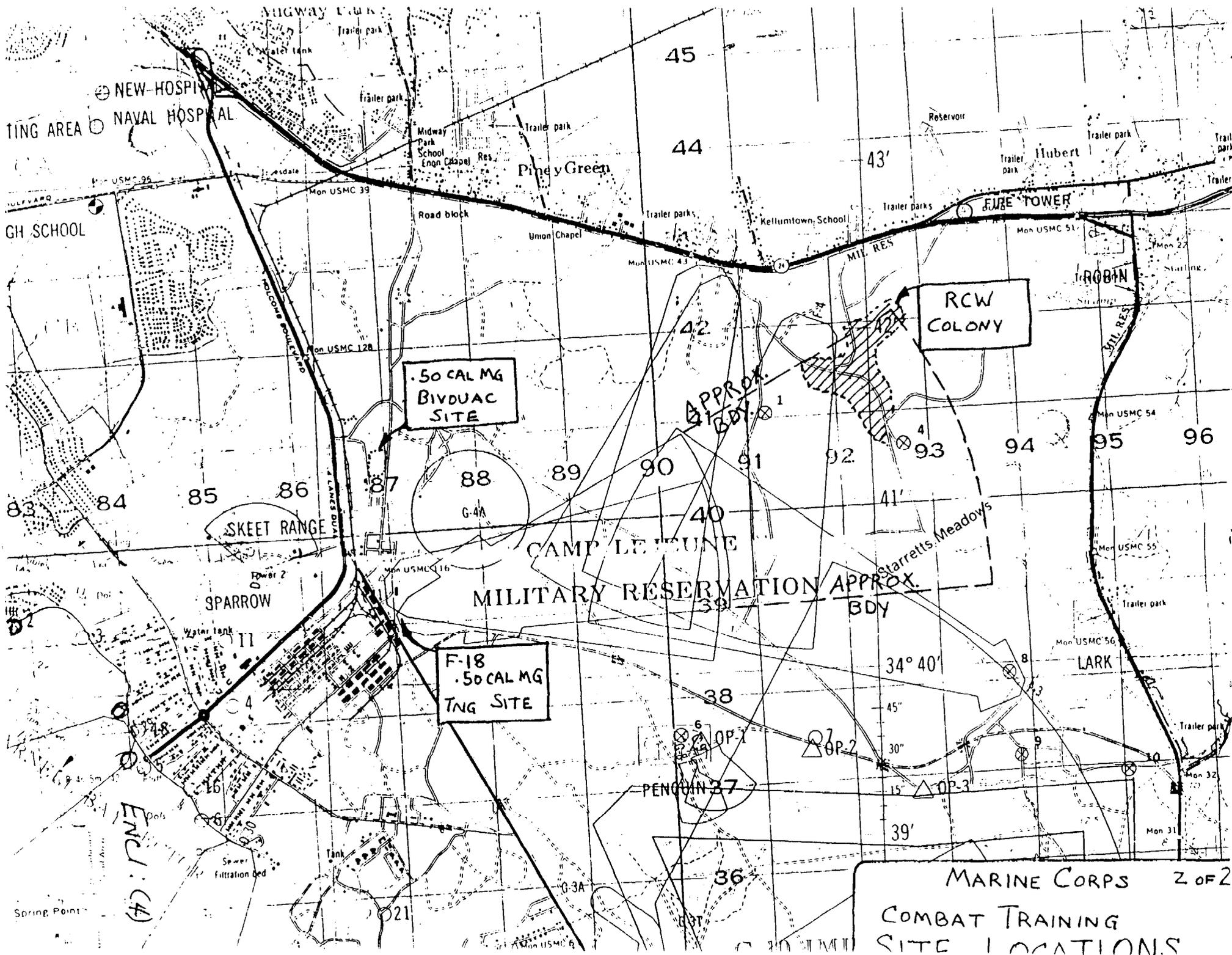
- F. The attendant on duty will be trained regarding prohibitions for hazardous waste or other unacceptable materials entering the site. Written documentation of this training will be maintained.
- G. In addition to the security gate, a sign at the demolition landfill will prominently describe types of materials allowed and prohibited and alert all persons entering the site to potential safety hazards therein.
- H. A staging area for recycling of used utility poles will be established; these poles will not be burned at any time.

III. Site Closure Procedures

- A. Within six months after final termination of recycling and disposal operations, the area will be covered with adequate soil cover, adequately sloped to provide surface water runoff in a controlled manner without excessive on-site erosion and off-site siltation, and seeded with native grasses or other suitable vegetation. The site will be properly marked on Base Real Property Maps for long-term management upon site closure.
- B. Land use after completion of the fill will be military training.

IV. Point of contact for site operation and maintenance

- A. Mr. Donald R. Gurganus
Grounds Structures General Foreman
General Services Section
Base Maintenance Division
(919) 451-2636/5158



ENCL: (4)

MARINE CORPS 2 OF 2
 COMBAT TRAINING
 SITE LOCATIONS