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Ser BPMOW.JD/
September 9, 2005

From: Director, Base Realignment and Closure (BRAC) Program Management Office
West (PMOW)

To: Commanding Officer, Naval Ordnance Safety and Security Activity (NOSSA)
(CODE N5)

Subj: EXPLOSIVES SAFETY SUBMISSION (ESS)

Ref: (a) NOSSA Instruction 8020.15
(b) NAVSEA OP 5
(c) DoD Instruction 6055.9-STD

Encl: (1) Request for Project Site Approval/Explosives Safety Certification (NAVFAC
11010/31), Installation Restoration Site 05 and Dredge Pond 7S
(2) Final Explosives Safety Submission for Installation Restoration Site 05 and
Dredge Pond 7S at Mare Island, Vallejo, California

1. Enclosures (1) and (2) are submitted for your action in accordance with the guidelines provided by references (a), (b), and (c). Enclosure (1) requests the explosives safety review of the geophysical survey and anomaly investigation proposed for Installation Restoration Site 05 and Dredge Pond 7S at Mare Island, Vallejo, California. Enclosure (2) is an Explosives Safety Submission containing the detailed project information required by reference (a)

2. The work is being performed by Weston Solutions, Inc. as directed by BRAC PMOW and Naval Facilities Engineering Command Southwest, in Environmental Services Cooperative Agreement No. N68711-01-MDC-1061. The findings will be incorporated into a MEC-specific NOSSA After Action Report.

3. The MEC-removal phase of the project is planned to commence in October 2005.

4. The point of contact (POC) for Weston Solutions is Mr. Larry Maggini, who may be reached at 707-562-3310. The Navy POC is Mr. David Godsey, LRPM, who may be reached at 619-532-0976.



Jerry Dunaway
BRAC Environmental Coordinator
By the direction of the Director

PART I

INSTRUCTIONS IN NAVFACINST 11010.45

SECTION A - INSTALLATION SUBMISSION

1. To: Naval Ordnance Safety and Security Activity (N7)			2. From: Naval Facilities Engineering Command Southwest		
3. Program Year:	4. Cost (\$000):	5. Type Funding	6. Activity UIC N68711	7. Date: August 30, 2005	
8. Category Code and Project Title: Munitions Confirmation Survey, Western Magazine Area, Mare Island Naval Shipyard, Vallejo, California					9. Project Number N/A
10. Type of Project:			11. Type of Request:		
<input type="checkbox"/> New Construction <input type="checkbox"/> Relocation of Structure <input checked="" type="checkbox"/> Other <input type="checkbox"/> Change Use <input type="checkbox"/> Maintenance and/or Repairs <input type="checkbox"/> Addition to Existing Facility <input type="checkbox"/> Repair by Replacement <input type="checkbox"/> Major Modification to Existing Facility <input type="checkbox"/> Demolition			<input type="checkbox"/> Airfield Safety Site Approval <input checked="" type="checkbox"/> Explosives Site/Safety Certification <input type="checkbox"/> EMR Site Approval <input type="checkbox"/> Resubmittal or Standard Site Approval (No Safety Criteria Involved)		
12. Project Description					
<p>The project will supplement previous geophysical survey and intrusive investigation actions already completed in the Western Magazine Area by performing an independent confirmation survey to locate and evaluate any remaining anomalies that could represent Munitions and Explosives of Concern (MEC).</p> <p>See attached Explosives Safety Submission for details.</p>					
13. <u>4</u> Sets of Project Maps Attached			14. <u>4</u> Sets Part II Division(s) <u>A</u> Attached		

SECTION B - EFD REVIEW

1. Name/Code/Phone No. of Reviewer/E-Mail Address: DAVID GODSEY BRAC 619-532-0976 david.godsey@navy.mil		2. Date Received: 9/14/05
3. Evaluation: <i>The ESS for Munitions Confirmation Survey, Western Magazine Area, Mare Island Naval Shipyard has been reviewed by Facilities Engineering Command, Southwest and is approved for NOSSA and DDESB review.</i>		
4. Safety Review Requested: (check appropriate box(es))		5. Date Forwarded:
<input checked="" type="checkbox"/> NOSSA <input checked="" type="checkbox"/> DDESB <input type="checkbox"/> SPAWAR <input type="checkbox"/> NAVAIR <input type="checkbox"/> CNO <input type="checkbox"/> OTHER		
6. Date of Safety Certification: <u>NOSSA</u> <u>DDESB</u> <u>SPAWAR</u> <u>NAVAIR</u> <u>CNO</u> <u>OTHER</u>		

SECTION C - FINAL SITE APPROVAL ACTION

1. Approvals:		2. Certification Identification:	
<input type="checkbox"/> Site Approved <input type="checkbox"/> Site Disapproved <input type="checkbox"/> Deferred/Returned <input type="checkbox"/> Explosives Safety Certification Approved <input type="checkbox"/> Explosives Safety Certification DISAPPROVED <input type="checkbox"/> Interim Construction Waiver Approved			
		3. Remarks	
4. Other Approvals <input type="checkbox"/> Airfield Safety Waiver Required Required <input type="checkbox"/> Final Explosives Safety Review Required		5. Approving Official:	6. Date:

PART II DIVISION A-EXPLOSIVES SAFETY

INSTRUCTIONS IN NAVFACINST 11010.45

1. NEW/Class/Division/ESQD arcs* of project:

See Section 7 of the attached Explosives Safety Submission.

2. CNO Waivers and Exemptions:

N/A

3. Personnel: (numbers):

MEC storage facility: Three persons may be present during storage and removal of MEC at Magazine A180.

MEC treatment facility: Four persons may be present during placement of MEC and donor charges.

Work site: Six persons may be present at any time within each MEC exclusion zone.

	Proposed	Existing
Military:		
Civilian:	13	
Other:		
Total:	13*	

* Total number of personnel will be less than 13 since all tasks will not be performed concurrently.

4. Facility Number/Type

Personnel

NEW

Class/Division

Distance*

Actual/Required

Western Magazine Area worksite

8

0.150 lb (40 mm MK 2)

1.1

200 ft / 200 ft

Magazine A180 (MEC storage)

3

1,000 lb

1.1

1,250 ft / 1,250 ft

Disposal Range #2 (MEC treatment)

4

25 lb

1.1

1,250 ft / 1,250 ft

5. Siting Rationale:

Proposed siting rationale will adequately protect the public and essential/non-essential site personnel from the effects of an intentional or unintentional detonation of the site MGFD.

See attached Explosives Safety Submission for details.

*Distance from project. Specify IB, (Inhabited Building); IL, (Intraline); IM, (Intermagazine); PTR, (Public Transportation Route); B (Barricaded); UB, (Unbarricaded)

6. Signature of Public Works/Base Civil Engineer (Name/Code) Incl E-Mail Address

David Addley, BRAC, david.addley@navfac.navy.mil

9. Signature of Explosive Safety Officer/Installation Safety Officer Incl. E-Mail Address

Luca Maggini
Maggini@WestonSolutions.com

7. Telephone Numbers:

(691) 532-0976
DSN

8. Date:

9/14/05

10. Telephone Numbers:

(707) 562-3310
DSN

11. Date:

30 Aug 2005