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NCBC DAVISVILLE
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COASTAL ZONE MANAGEMENT CONSISTENCY DETERMINATION NCBC DAVISVILLE RI
10/1/2013
TETRA TECH

**DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND, ATLANTIC
REMEDIAL ACTION CONTRACT (RAC)
CONTRACT NO. N62470-13-D-8007
CONTRACT TASK ORDER NO. WE04**

COASTAL ZONE MANAGEMENT CONSISTENCY DETERMINATION

**NAVAL CONSTRUCTION BATTALION CENTER (NCBC),
DAVISVILLE, RHODE ISLAND**

October 2013

Prepared for



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DEPARTMENT OF THE ARMY
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OFFICE OF THE ADJUTANT GENERAL
ATTENTION: ADJUTANT GENERAL

TO: THE ADJUTANT GENERAL
FROM: THE ADJUTANT GENERAL

DATE: 11/11/11

RE: 11/11/11



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FOR THE ADJUTANT GENERAL
BY: THE ADJUTANT GENERAL
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TABLE OF CONTENTS

1.0	PROJECT DESCRIPTION	1
1.1	Project Location and Background	1
1.2	Project Overview	1
1.2.1	Site Setup	1
1.2.2	Drum Excavation and Removal	1
1.2.3	Backfilling and Site Restoration	2
2.0	APPLICABLE SECTIONS OF COASTAL RESOURCE MANAGEMENT PROGRAM	2
2.1	Section 100. Alterations and Activities That Require an Assent From the Coastal Resources Management Council.....	2
2.1.1	Section 100.1 Tidal Water, Shoreline Features, and Contiguous Areas	2
2.1.2	Water Use Type and Review Category.....	2
2.2	Section 300.2 – Filling, Removing, or Grading of Shoreline Features.....	2
2.2.1	Category A Requirements.....	2
1.1.1.1	Section 300.2(B) Policies	3
1.1.1.2	Section 300.2(C) Prohibitions	3
1.1.1.3	2.2.1.1 Section 300.2(D) Standards.....	3
3.0	DETERMINATION	4

LIST OF FIGURES

- Figure 1 Location Map
Figure 2 Site Map

TABLE 1.1
PROJECT DESCRIPTION

Activity	Start Date	End Date
1.1.1		
1.1.2		
1.1.3		
1.1.4		
1.1.5		
1.1.6		
1.1.7		
1.1.8		
1.1.9		
1.1.10		
1.1.11		
1.1.12		
1.1.13		
1.1.14		
1.1.15		
1.1.16		
1.1.17		
1.1.18		
1.1.19		
1.1.20		
1.1.21		
1.1.22		
1.1.23		
1.1.24		
1.1.25		
1.1.26		
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1.1.30		

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ACRONYMS AND ABBREVIATIONS

BNP	Best Management Practices
CRMP	Coastal Resource Management Program
NCBC	Naval Construction Battalion Center
QDC	Quonset Development Corporation
RI	Rhode Island
TCRA	Time Critical Removal Action
TtEC	Tetra Tech EC, Inc.
USDA	United States Department of Agriculture

TABLE OF CONTENTS

1.0 Introduction	1
2.0 Regulatory Framework	2
3.0 Project Description	3
4.0 Consistency Determination	4
5.0 Findings	5
6.0 Recommendations	6
7.0 Conclusion	7
8.0 Appendix A	8
9.0 Appendix B	9
10.0 Appendix C	10
11.0 Appendix D	11
12.0 Appendix E	12
13.0 Appendix F	13
14.0 Appendix G	14
15.0 Appendix H	15
16.0 Appendix I	16
17.0 Appendix J	17
18.0 Appendix K	18
19.0 Appendix L	19
20.0 Appendix M	20
21.0 Appendix N	21
22.0 Appendix O	22
23.0 Appendix P	23
24.0 Appendix Q	24
25.0 Appendix R	25
26.0 Appendix S	26
27.0 Appendix T	27
28.0 Appendix U	28
29.0 Appendix V	29
30.0 Appendix W	30
31.0 Appendix X	31
32.0 Appendix Y	32
33.0 Appendix Z	33

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1.0 PROJECT DESCRIPTION

1.1 Project Location and Background

The former Naval Construction Battalion Center (NCBC) Davisville trained and supported construction battalions for overseas deployment. NCBC Davisville closed on April 1, 1994. NCBC Davisville is adjacent to the former Naval Air Station, Quonset Point. The Quonset Development Corporation (QDC) is redeveloping NCBC Davisville as a port facility and support operations, manufacturing and other uses.

Several drums were discovered by QDC while performing routine grading and boulder removal in an undeveloped portion of the property near Site 3. One drum was punctured during discovery, leaked a suspected petroleum substance, was over packed and is stored in a nearby garage. A small amount of soil was excavated and placed in a stockpile that remains on-site. Four or five additional buried metallic containers were also observed in the excavation.

A geophysical investigation was performed by Tetra Tech, Inc. in July 2013 to determine the exact number of buried drums in the area. The results of this investigation have determined that a total of twelve drums remain in the subsurface, which includes the drums that were observed during the excavation. Figure 2 presents a Site Map with the inferred locations of the buried drums.

1.2 Project Overview

The primary objective of this project is to conduct a Time Critical Removal Action (TCRA) to remove all previously identified drums. The primary tasks associated with the completion of the objectives of the project include the following:

1.2.1 Site Setup

Pre-construction activities consist of developing required plans, initiating procurements, and conducting a pre-construction meeting. As the site is currently an open field with low vegetation, no clearing will be required. As the removal activities will take place on an active construction site and disturbance will be limited, additional erosion and sediment controls will not be installed by TtEC.

1.2.2 Drum Excavation and Removal

Tetra Tech EC, Inc. (TtEC) will excavate and remove the twelve drums that were identified by Tetra Tech, Inc. during the July 2013 geophysical survey along with any additional drums that are encountered during the investigation activities. TtEC will also investigate the nine “EM-inferred Large Buried Metallic Objects” that were identified in the Tetra Tech, Inc. report. TtEC will excavate the soil around the drums utilizing an excavator and will attempt to place a sling around each drum for extraction. If the placement of a sling is not possible, TtEC will utilize a “thumb” on the excavator bucket to remove the drums from the subsurface. Small quantities of visually impacted soil may be removed during this time. The drums will be placed in a lined

berm to facilitate placement in overpack drums and to allow for the sampling of the material in the drum.

1.2.3 Backfilling and Site Restoration

As it is anticipated that just the drums and a small amount of soil will be removed from the subsurface, backfilling is not anticipated to be performed as part of these activities. Once the drums have been removed, the excavation area will then be graded, seeded, mulched, and/or covered with erosion control matting as necessary.

2.0 **APPLICABLE SECTIONS OF COASTAL RESOURCE MANAGEMENT PROGRAM**

2.1 **Section 100. Alterations and Activities That Require an Assent From the Coastal Resources Management Council**

2.1.1 Section 100.1 Tidal Water, Shoreline Features, and Contiguous Areas

The area of drum removal is located on a parcel that is adjacent to a Coastal Wetland in Type 3-6 Waters Designated for Preservation which is considered a coastal wetland Site, being within 200 feet of a coastal wetland, is considered an “area contiguous to shoreline features” as defined in Section 100.1 of the Rhode Island (RI) Coastal Resource Management Program (CRMP).

2.1.2 Water Use Type and Review Category

According to CRMP Water Type Maps North Kingstown (north), the coastal wetlands that the drum removal area is contiguous to are of water use Type 3. Table 1A, Review Category in the 200-foot Area Contiguous to Shoreline Features of Section 100 states that “*Filling, Removal, and Grading of Shoreline Features is Review Category A or B*” as differentiated by Section 300.2(B)5.

According to Section 300.2(B)5, the Review Category is Type A. The site will not be filling, removing, or grading more than 10,000 cubic yards of material, affecting an area greater than two acres, or affecting an area that is designated a historic area or archaeologically sensitive site.

2.2 **Section 300.2 – Filling, Removing, or Grading of Shoreline Features**

2.2.1 Category A Requirements

By definition Tetra Tech may be removing portions of a contiguous area through means of excavation, and filling the excavation with materials of upland origin. It is not anticipated that a large volume of soil will be removed during the drum removal activities.

2.2.1.1 Section 300.2(B) Policies

Applicable policies regarding filling and removing of shoreline features at NCBC drum removal Site:

- Section 300.2(B)1 *All filling, removing or grading activities shall be done in accordance with the policies and standards of this section and the standards and specifications set forth in the most recent edition of the Rhode Island Soil Erosion and Sediment Control Handbook”.*
- Section 300.2(B)3 *The Council recognizes the most recent version of the Rhode Island Soil Erosion and Sediment Control Handbook, and its amendments, published jointly by the Rhode Island Department of Environmental Management and the United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS), as containing appropriate Best Management Practices (BMP) for use within the CRMC’s jurisdiction. All erosion and sediment control plans shall be consistent with this manual.”*

2.2.1.2 Section 300.2(C) Prohibitions

There are no prohibitions in this section that relate to the NCBC drum removal site work to be completed.

2.2.1.3 Section 300.2(D) Standards

The following are applicable standards pertaining to NCBC drum removal site:

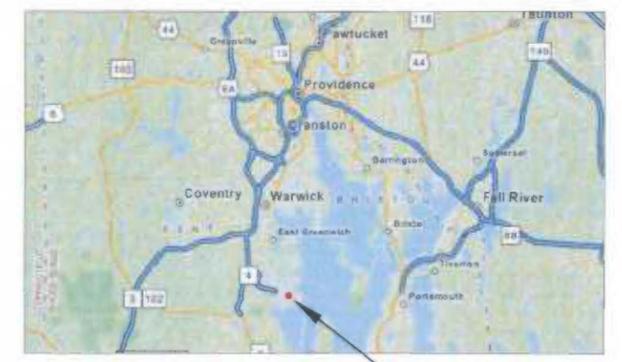
- Section 300.2(D)1(b) *All excess excavated materials, excess fill, excess construction materials, and debris shall be removed from the site and shall not be disposed in tidal waters or on a coastal feature;*
- Section 300.2(D)1(c) *Disturbed uplands adjacent to a construction site shall be graded and re-vegetated or otherwise stabilized to prevent erosion during or immediately after construction. Nutrients shall be applied at rates necessary to establish and maintain vegetation without causing significant nutrient runoff to surface waters;*
- Section 300.2(D)1(e) *All fill shall be clean and free of materials which may cause pollution of tidal waters;*
- Section 300.2(D)1(g) *Limit the application, generation, and migration of toxic substances and ensure that toxic substances are properly stored and disposed of onsite in accordance with all applicable federal, state, and local requirements.*

3.0 DETERMINATION

The project will not negatively impact current environmental resources at the NCBC drum removal Site. The removal of buried drums and restoration of the site will improve upon the existing site conditions. Necessary measures will be taken to not disturb the surrounding areas or impact shoreline features. In accordance with 15 CFR 930 Subpart C, *Consistency for Federal Activities*, it has been determined this action is consistent to the maximum extent practicable with the RI CRMP

FIGURES

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LOCATION MAP

LEGEND:

- 1. ROADS
- 2. FENCE
- 3. CONTOURS
- 4. FORMER BUILDING LOCATION
- 5. CED SITE BOUNDARY

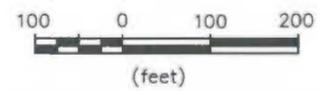
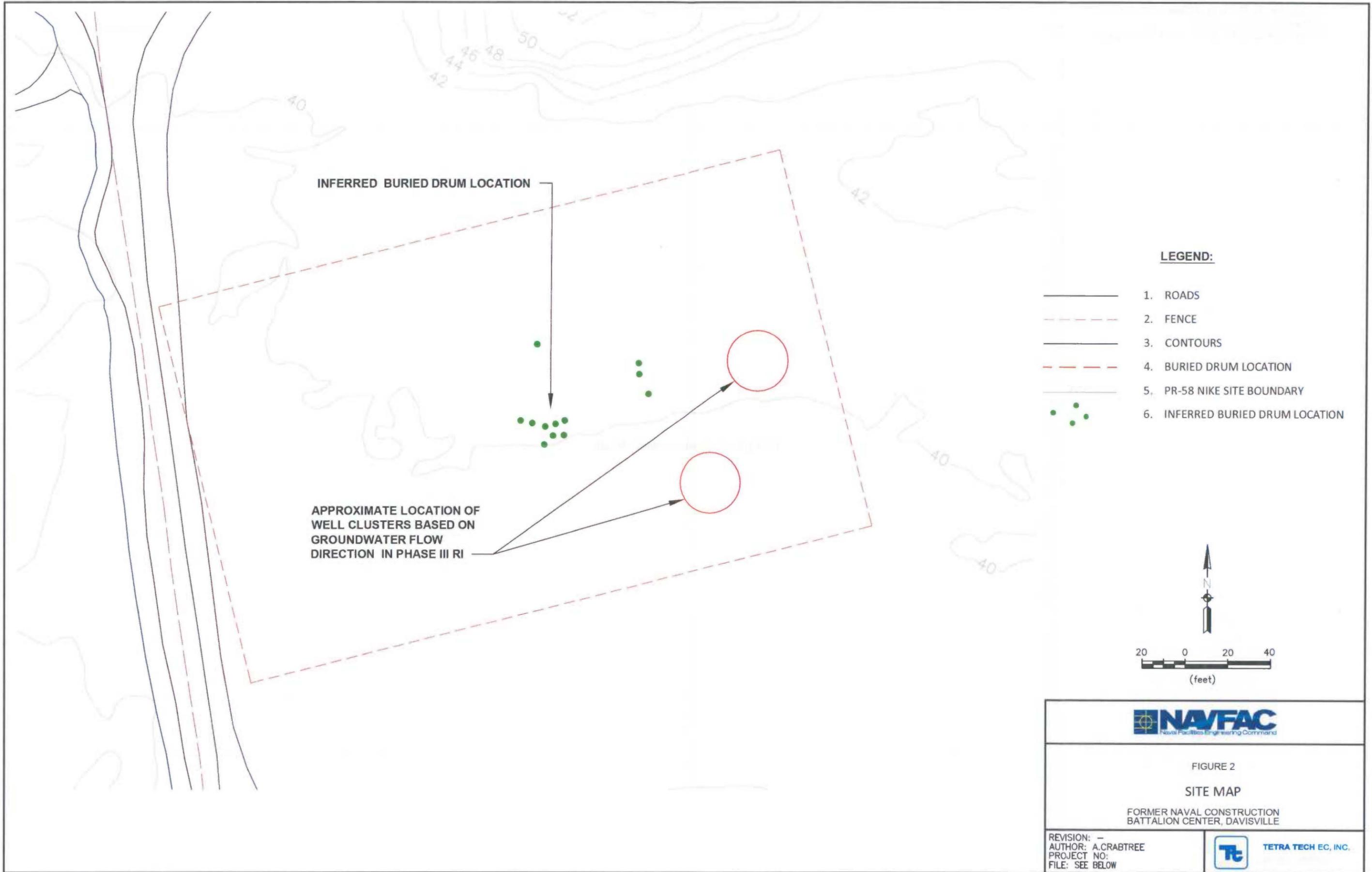


FIGURE 1
LOCATION MAP
FORMER NAVAL CONSTRUCTION
BATTALION CENTER, DAVISVILLE

REVISION: -
AUTHOR: A. CRABTREE
PROJECT NO:
FILE: SEE BELOW



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