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NCBC DAVISVILLE  
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MINUTES FROM THE 17 SEPTEMBER 2015 RESTORATION ADVISORY BOARD MEETING  
NCBC DAVISVILLE RI  
9/17/2015  
RESOLUTION CONSULTANTS

86<sup>th</sup> RESTORATION ADVISORY BOARD MEETING  
FORMER NAVAL CONSTRUCTION BATTALION CENTER DAVISVILLE  
NORTH KINGSTOWN, RHODE ISLAND  
NOTES FROM THE 17 SEPTEMBER 2015 MEETING

The 86<sup>th</sup> Restoration Advisory Board (RAB) meeting was held at the Quonset Development Corporation (QDC) Conference Center at 95 Cripe Street in North Kingstown, Rhode Island. The meeting agenda for the 86<sup>th</sup> RAB is included as [Attachment A](#). The attendance list for the 86<sup>th</sup> RAB is included as [Attachment B](#). D. Barney, the Navy's BRAC Environmental Coordinator, convened the meeting at approximately 3:30 PM on 17 September 2015.

#### NEXT RESTORATION ADVISORY BOARD MEETING

The next RAB meeting will be held on 14 April 2016 at 3:30 PM at the QDC Conference Center. The Navy will send out postcards prior to the next RAB meeting reminding the public of the date, time, and location of the next meeting.

#### LONG-TERM MONITORING PROGRAM UPDATES

Robert Shoemaker (Resolution Consultants) gave a slide presentation update of the long-term monitoring program (LTMP) for the NCBC Davisville sites ([please see slides presented in Attachment C](#)):

- Field work for Allen Harbor Landfill (Site 09) monitoring event (ME) 44 and Calf Pasture Point (Site 07) ME 19 began on September 8, 2015. The work will continue through Friday September 18, 2015. Any work not completed by Friday September 18, 2015 will be completed when Resolution Consultants returns to Site 09 in October to sample newly installed well MW09-26D.
- The Site 09 ME 44 sampling consists of the Biennial list; the Site 07 ME 19 sampling consists of the Annual list.
- A notable occurrence at Site 09 was the presence of Quahogs at shellfish sampling location ET09-08. This is the first time Quahogs have been observed at this location.
- The Draft Report for the Site 07 ME19 event is due to the agencies on April 15, 2016; the Draft Report for the Site 09 ME 44 event is due to the agencies on May 15, 2016.

#### SITE 16 REMEDIAL ACTION UPDATE

Derek Pinkham (Tetra Tech EC) gave a slide presentation update of the Site 16 remedial action currently underway that covered ([please see slides presented in Attachment D](#)):

- Site 16 Overview
- Soil Removal Action
- Groundwater Remedial Action

Once the excavation and injections are complete, all equipment will be demobilized from the site; the only additional activity will be the performance monitoring sampling. All excavated soil will be hauled over existing roads; temporary roads will not need to be built. Excavated areas will be backfilled as soon as possible after excavation. Excavation is scheduled to start in mid-October. The Navy will coordinate with QDC to gain access through the fence surrounding the CED area for the anomaly test pit investigation that will also take place in mid-October.

Steve King (QDC) highly recommended that the now exposed loading ramp be disposed of during the remediation, as kids will be tempted to play in the area and could potentially get hurt.

The web address for the United States Environmental Protection Agency (EPA) Superfund Program website for Former NCBC Davisville has been updated, the new web address is: <http://www.epa.gov/superfund/ncbc>

The participants in the 86<sup>th</sup> RAB meeting agreed that 3:30pm is a good start time for future RAB meetings. Today's meeting concluded at approximately 4:15 PM.

ATTACHMENT A

SEPTEMBER 17, 2015 RAB AGENDA



## AGENDA

FORMER NCBC DAVISVILLE

86<sup>th</sup> Restoration Advisory Board (RAB) Meeting

Date: September 17, 2015

Time: 3:30 P.M.

Location: 95 Cripe Street, North Kingstown, Rhode Island

RAB Meetings – Next Meeting Date

Long-Term Monitoring Program Updates

- Site 09: Allen Harbor Landfill
- Site 07: Calf Pasture Point

Site 16 Remedial Action Update

ATTACHMENT B

SEPTEMBER 17, 2015 SIGN IN SHEET

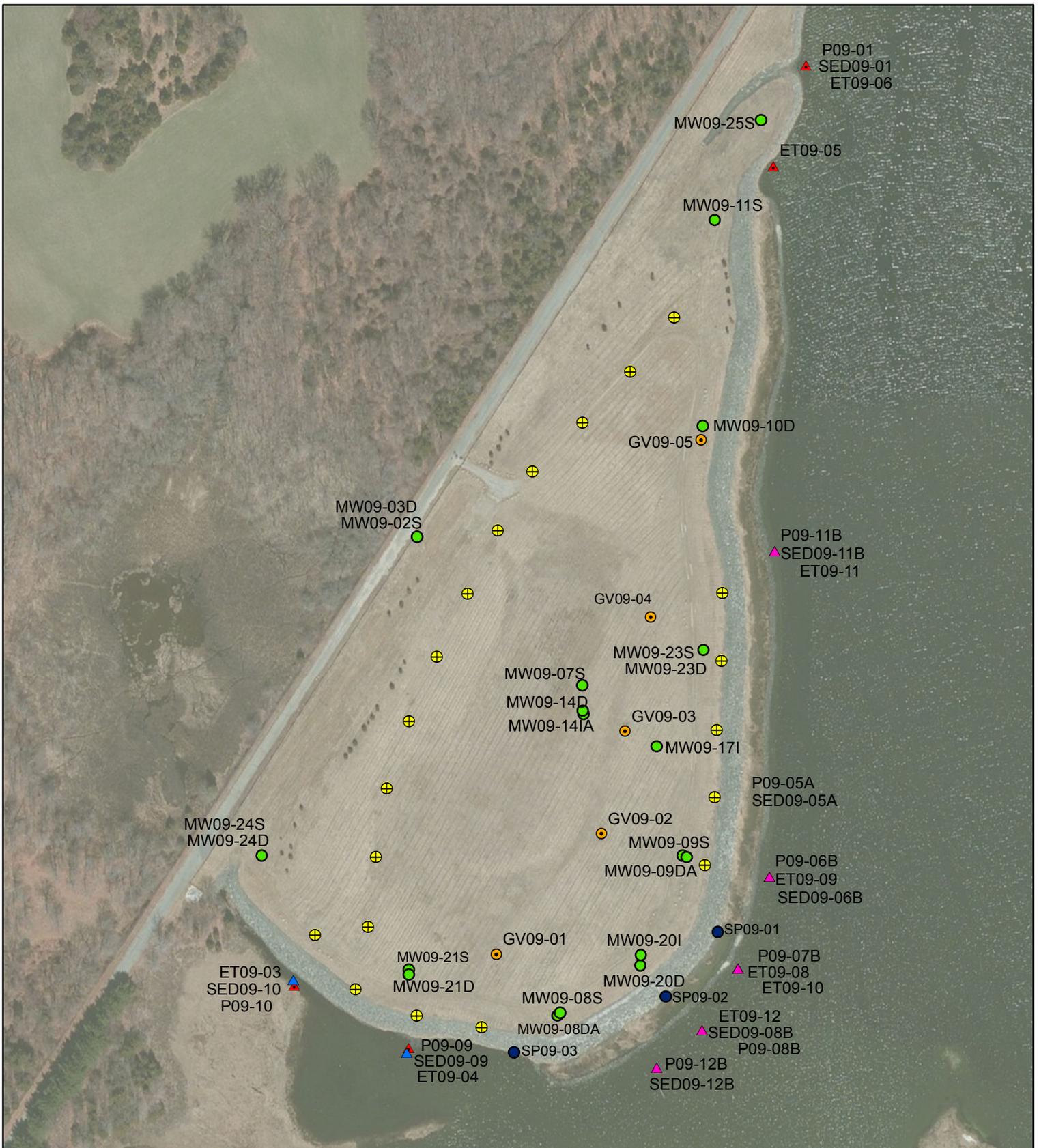


ATTACHMENT C

LONG-TERM MONITORING PROGRAM UPDATES

# Long – Term Monitoring at Calf Pasture Point and Allen Harbor Landfill

September – October 2015




**RESOLUTION  
CONSULTANTS**

Drawn: RNM 02/10/2014

Approved: BS 02/10/2014

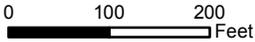
Project #: 60273164

**Legend**

-  Gas Vapor Point
-  Gas Vent
-  Piezometer
-  Shellfish
-  Sediment
-  Monitoring Well
-  Seep



N



0 100 200 Feet

**FIGURE 2 - LONG TERM MONITORING  
LOCATIONS  
MONITORING EVENT 44  
SEPTEMBER/OCTOBER 2015**

**IRP SITE 09 NCBC DAVISVILLE  
NORTH KINGSTOWN, RHODE ISLAND**





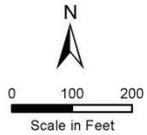


**RESOLUTION CONSULTANTS**

Drawn: RNM 11/10/2014  
 Approved: BS 11/10/2014  
 Project #: 60273164

**Legend**

- Monitoring Well Sampled during ME 19
- Piezometer Sampled during ME 19
- Monitoring Well
- Piezometer
- A-A' Cross Section
- B-B' Cross Section



**FIGURE 2**  
 SITE MAP AND LONG-TERM MONITORING LOCATIONS  
 MONITORING EVENT 19 - SEPTEMBER/OCTOBER 2015  
 IRP SITE 07, FORMER NCBC DAVISVILLE  
 NORTH KINGSTOWN, RHODE ISLAND

ATTACHMENT D

SITE 16 REMEDIAL ACTION UPDATE



TETRA TECH EC, INC

# Site 16 Remedial Actions

**86<sup>th</sup> Restoration Advisory Board  
(RAB) Meeting**

**September 17, 2015**

**Presented by:**

**Derek Pinkham**

**Tetra Tech EC, Inc.**

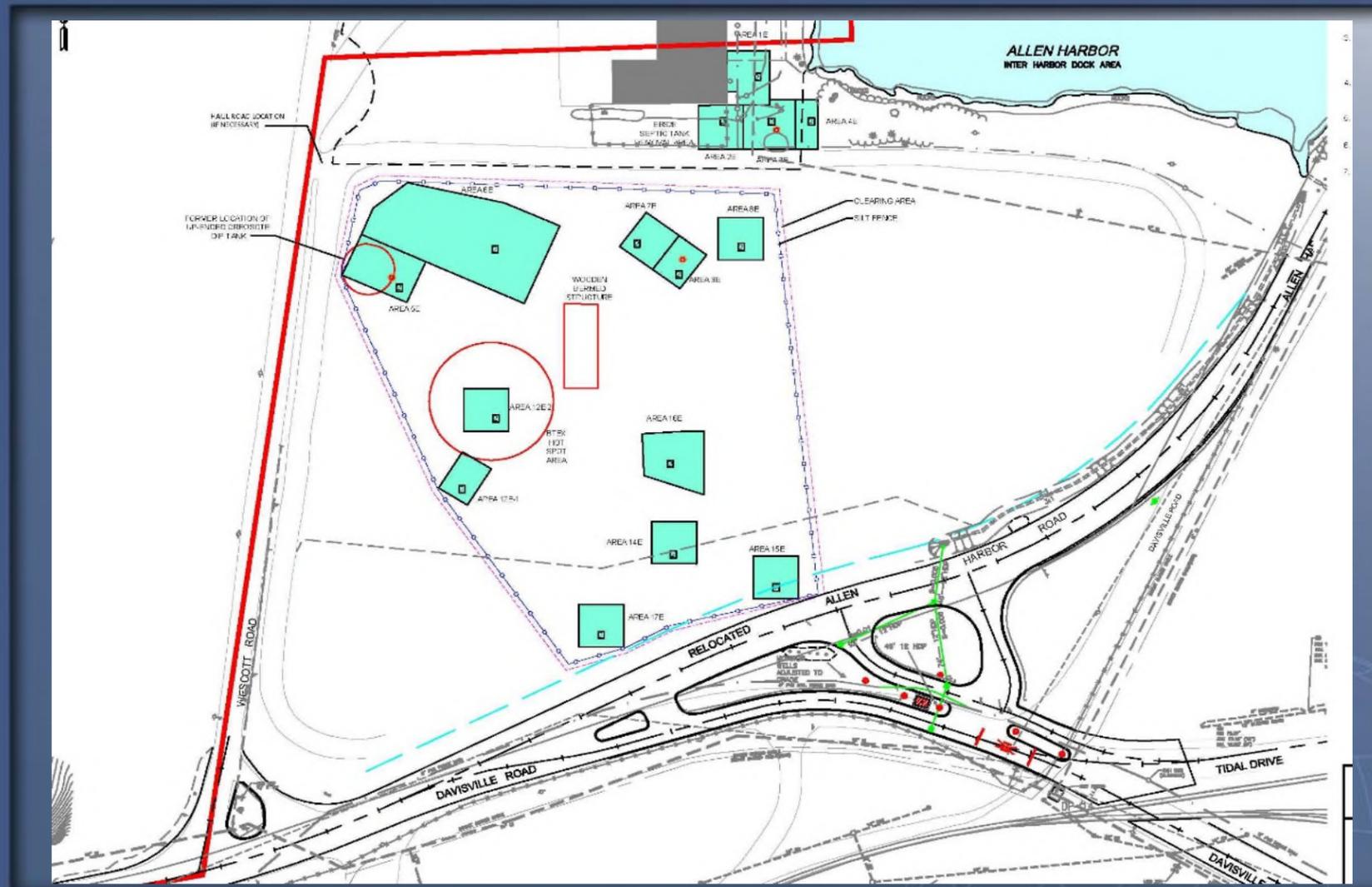
## SITE 16 OVERVIEW

- Site 16, the Creosote Dip Tank, Fire-Fighting Training Area (FFTA) and Former Building 41, also known as Operable Unit (OU) 9.
- Elevated levels of PAHs, dioxins/furans, arsenic and lead in the soil.
- Elevated concentrations of VOCs, naphthalene and metals in groundwater.
- Both soil and groundwater remedial actions have been initiated.

## SOIL REMOVAL ACTION

- Provides for the excavation and off-site disposal of surface soil (two feet below grade) in the North Central Area of Site 16 and adjacent to the marina. Excavations will be backfilled with certified Clean Fill after excavations are complete.
- Clearing of the excavation areas was initiated on September 8, 2015.
- Pre-excavation soil sampling was started on September 15, 2015.
- Excavation activities should be started in mid to late October and are expected to last for approximately one month.

# NORTH CENTRAL AREA EXCAVATION AREAS



# CLEARING ACTIVITIES



## CLEARING ACTIVITIES



# CLEARING ACTIVITIES



## GROUNDWATER REMEDIAL ACTION

- Focused in-situ treatment of groundwater at the eastern edge of former Building 41.
- Groundwater gauging event was performed on September 1, 2015.
- Baseline groundwater sampling event was performed from September 2 through 12, 2015.
- Injection contractor mobilized on September 8 and began injection on September 9, 2015.
- Injection expected to be completed by September 25, 2015.
- TtEC will return in two months to check permanganate levels in the injection wells.

# SITE 16 GROUNDWATER REMEDIATION



# SITE 16 GROUNDWATER REMEDIATION



# SITE 16 GROUNDWATER REMEDIATION



## SITE 16 GROUNDWATER REMEDIATION

