



**REMEDIAL INVESTIGATION / FEASIBILITY STUDY
HINGHAM NAVAL AMMO DEPOT
HINGHAM, MASSACHUSETTS
FUDS PROPERTY NO. D01MA0022**

VIRTUAL PUBLIC MEETING

MEETING MINUTES

SUBJECT: Formerly Used Defense Site (FUDS) Military Munitions Response Program (MMRP) documentation of the Virtual Public Meeting for the Remedial Investigation/Feasibility Study (RI/FS) at the Hingham Naval Ammunition Depot (NAD).

MEETING LOCATION, TIME, AND PARTICIPANTS: The virtual meeting was held via teleconference/video on 15 October 2020 from 1800 to 1840 eastern standard time. Individuals present from the Project Delivery Team (PDT) included representatives from the United States Army Corps of Engineers (USACE), Massachusetts Department of Environmental Protection (MassDEP), Town of Hingham, Town of Weymouth, Bare Cove Park, and the PIKA-Pirnie Joint Venture (JV). Public participation is unknown as no public attendee indicated they were present; however, there were 3 unknown callers outside of those listed on the participant list.

PARTICIPANTS:

Name	Organization	Title/Role	Email/Phone
Gina Kaso	USACE	Project Manager	978-318-8180 Gina.A.Kaso@usace.army.mil
Charles (Hud) Heaton	USACE	Contract Officer's Representative (COR)	256-895-1657 Charles.H.Heaton@usace.army.mil
Barry Hodges	USACE	Technical Manager	256-895-1894 Barry.A.Hodges@usace.army.mil
Chad Wood	USACE	Geophysicist	256-895-1399 chad.m.wood@usace.army.mil
Cynthia Auld	USACE	Project Human Health Risk Assessor	978-318-8042 Cynthia.A.Auld@usace.army.mil
Amy Rosenstein	USACE	Risk Assessor	978-318-8055 amy.b.rosenstein@usace.army.mil



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Name	Organization	Title/Role	Email/Phone
Michael Narcisi	USACE	Risk Assessor	Michael.J.Narcisi@usace.army.mil
Yixian Zhang	USACE	Chemist	Yixian.Zhang@usace.army.mil
Joanne Dearden	MassDEP	Project Manager	617-292-5788 joanne.dearden@state.ma.us
Loni Fournier	Town of Hingham	Conservation Agent	781-741-1445 fournierl@hingham-ma.gov
Mary Ellen Schloss	Town of Weymouth	Conservation Administration	781-682-3658 mschloss@weymouth.ma.us
Matthew Brennan	Town of Weymouth	Health Department	matthewbrennan@weymouth.ma.us
Afton Hess	PIKA-Pirnie JV	Project Manager	410-332-4836 afton.hess@arcadis.com
Vijay Chennoju	PIKA-Pirnie JV	Deputy Project Manager	281-787-6380 vchennoju@pikainc.com
Layne Young	PIKA-Pirnie JV	Deputy Project Manager, Alternate	410-332-4806 layne.young@arcadis.com
Hope Nemickas	PIKA-Pirnie JV	Project Risk Assessor	631-391-5237 hope.nemickas@arcadis.com
Paul Novak	PIKA-Pirnie JV	Project Geophysicist	434-607-5165 paul.novak@arcadis.com

MEETING MATERIALS: Agenda (**Attachment A**) and Slide Presentation (**Attachment B**)

MEETING DISCUSSION SUMMARY: The purpose of the meeting was to provide the public a summary of the remedial investigation (RI) conclusions and recommendations for the munitions response sites (MRSs) at Hingham NAD. Following introductions, Afton Hess (JV) opened the meeting with a slide outlining the agenda (see attached – **Attachment A**). Presentation slides are attached to these meeting minutes for reference (**Attachment B**); please note they slides have been updated to reflect discussion items presented below. Following the presentation of the slides, a summary of key meeting discussion points are outlined below.

- Slide 11 (Status) – Afton Hess (the JV) noted the RI Reports have all been submitted; there were 2 minor comments on the Burial Area report which were resolved. All 6 RI



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Reports have been approved by MassDEP and the Final RI Reports were submitted on 16 September 2020. The Final RI Reports have been submitted to the Administrative Record located at 2 local libraries (Hingham Public Library located at 66 Leavitt Street, Hingham, Massachusetts, and the Tufts @ Pratt Library located at 1400 Pleasant Street, East Weymouth, Massachusetts). The slides will be revised to reflect the status of the RI Reports.

- Slide 30 (Schedule) – Afton Hess (the JV) explained the Proposed Plan process which will include a 30-day public review and comment period which is planned for February/March 2021. Following public review period, a public meeting will be conducted in order to address public comments/concerns. Public comments and resolution will be documented in the Decision Document. The slides will be revised to include a figure of the public participated process.
 - Loni Fournier (Hingham) inquired about the RI Reports and if MassDEP review will change the conclusions/path forward (based on the information provided on Slide 11). Afton Hess (the JV) indicated the slide will be revised to reflect the current status of the RI Reports being approved by MassDEP in September 2020 (all RI Reports were reviewed by MassDEP and any comments have been addressed). MassDEP approved the RI recommendations of No Further Action.
 - Loni Fournier (Hingham) questioned if it was possible to have the Proposed Plan provided online for public comment period because the Hingham Library is currently closed due to COVID-19. Afton Hess (the JV) indicated she would work with USACE to ensure there is a platform in which the public will have the ability to review the Proposed Plan and provide comments. One possibility discussed was having the Town of Hingham and the Town of Weymouth upload the Proposed Plan to their websites. Afton Hess (the JV) indicated solicitation for public review of the Proposed Plan will be put in newspapers and the Towns websites.
- Closing – the JV will provide the Towns meeting minutes and revised slides to upload to their websites. The JV will keep the group updated/posed on the status of the project.

ACTION ITEMS:

Action Item Description	Responsible Party
Provide meeting minutes and revised meeting slide presentation for upload to the Towns' websites	The JV

**PUBLIC MEETING AGENDA
REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS)
RESULTS and RECOMMENDATIONS
Hingham NAD, Massachusetts
Formerly Used Defense Sites (FUDS)
Military Munitions Response Program (MMRP)
Thursday, October 15, 2020**

LOCATION: Virtual Meeting via Microsoft Teams (Link and dial in provided below and within the Microsoft Outlook invitation)

Virtual Meeting Link: Join Microsoft Teams Meeting (see full link below)

https://teams.microsoft.com/l/meetup-join/19%3ameeting_YjKNDYwNzMtNTkyMy00YzcxLWEzYzAtOWJkNGZiM2UzNDV%40thread.v2/0?context=%7b%22id%22%3a%227f90057d-3ea0-46fe-b07c-e0568627081b%22%2c%22oid%22%3a%2298f204f3-8b3f-4417-bb68-322cf68d3655%22%7d

Meeting Call-in Number: 213-379-9608 Conference ID: 282 820 1#

TIME: 6:00PM to 7:00PM (EDT)

The meeting will be open 10 minutes early to allow people to sign on and adjust their settings

MEETING OBJECTIVES:

Review the RI/FS recommendations for each of the six munitions response sites (MRSs)

PLANNED PARTICIPANTS:

USACE

Hud Heaton	Contract Officer Representative
Gina Kaso	Project Manager
Barry Hodges	Technical Manager
Chad Wood	Geophysicist
Cindy Auld	Risk Assessor
Mike Narcisi	Risk Assessor
Amy Rosenstein	Risk Assessor
Mike Kulbersh	Geologist
Yixian Zhang	Chemist

MassDEP

Joanne Dearden	Project Manager
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Town of Hingham Stakeholders

Thomas Mayo	Assistant Town Administrator
Sharon Perfetti	Town Administrator Office Manager
Loni Fournier	Conservation Agent
Scott McMillan	Bare Cover Park Ranger
Steve Murphy	Fire Chief
Louis Lachance	Deputy Fire Chief

Town of Weymouth Stakeholders

Mary Ellen Schloss Conservation Administrator
Robert Luongo Director of Planning and Community Development

Weymouth Stakeholders (continued)

Paul Milone Harbor Master
Matt Brennan Health Department
Dan McCormack Health Department
Steve Reilly Recreation Department
Andrew Hultin Recreation Department

PIKA-Arcadis JV

Afton Hess Project Manager
Vijay Chenoju Deputy Project Manager
Layne Young Deputy Project Manager, Alternative
Paul Novak QC Geophysicist
Hope Nemickas Risk Assessor
Dave Glass Strategic Project Delivery Director

AGENDA ITEMS

1. Welcome and Introductions (5 min)
2. RI/FS Objectives and Status (10 min)
3. RI/FS Results and Recommendations
 - Weymouth Back River MRS (10 min)
 - North Pier MRS (10 min)
 - South Pier MRS (10 min)
 - Dump Area MRS (10 min)
 - Burial Area MRS (10 min)
 - Furnace Area MRS (10 min)
4. Schedule (5 min)
5. Questions (5 min)
6. Action Item Summary (5 min)

HANDOUTS

1. Presentation Slides

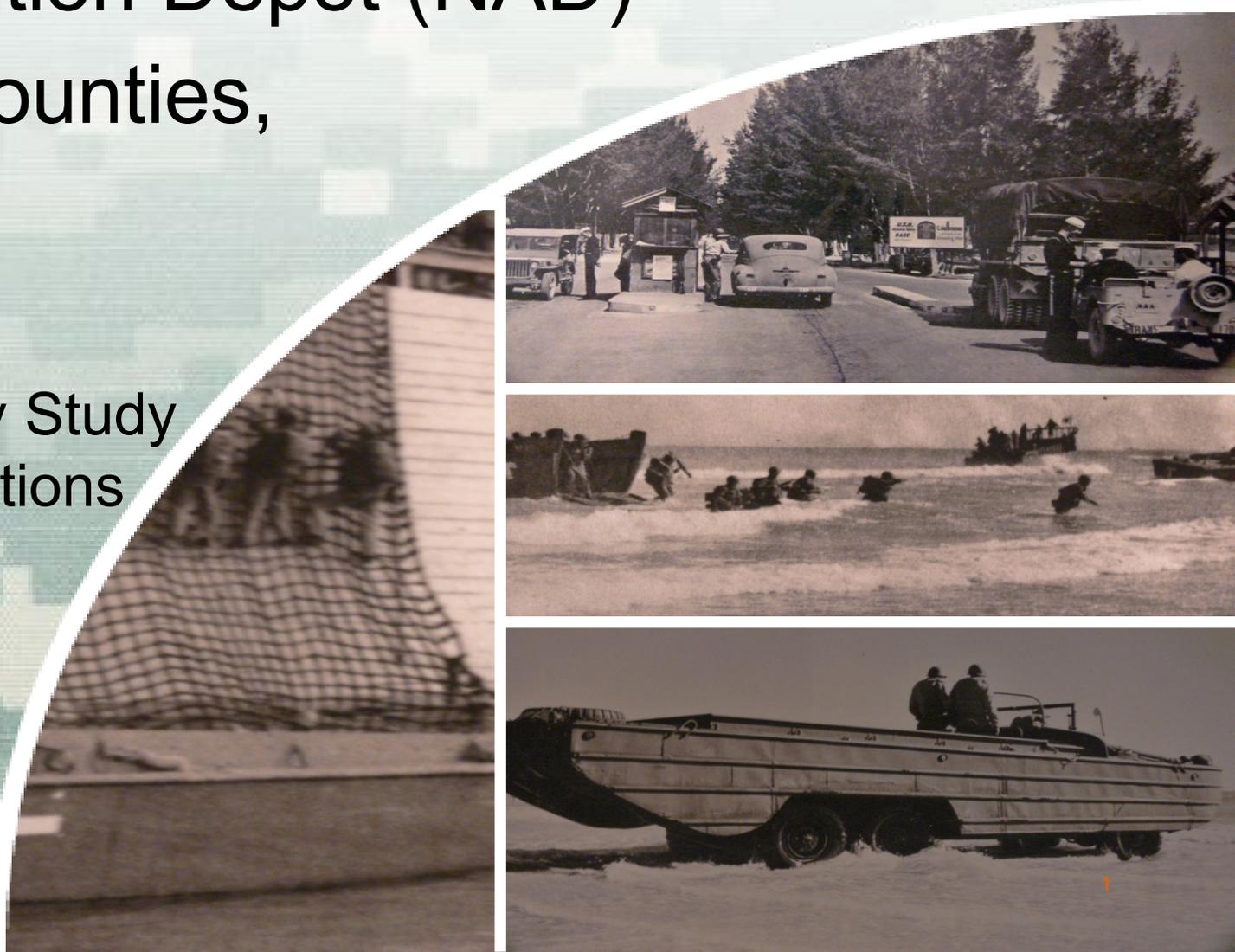


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Hingham Naval Ammunition Depot (NAD) Plymouth and Norfolk Counties, Massachusetts

Public Meeting
Remedial Investigation / Feasibility Study
(RI/FS) Results and Recommendations

15 October 2020





Agenda



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- Welcome and Introductions
- RI/FS Objectives and Status
- RI/FS Results and Recommendations
 - Weymouth Back River MRS
 - North Pier MRS
 - South Pier MRS
 - Dump Area MRS
 - Burial Area MRS
 - Furnace Area MRS
- Schedule
- Questions
- Action Item Summary



Acronym List



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FS	Feasibility Study
MassDEP	Massachusetts
MC	Munitions Constituents
MD	Munitions Debris
MDAS	Material Documented as Safe
MEC	Munitions and Explosives of Concern
MRS	Munitions Response Site
NA	Not Applicable
NAD	Naval Ammunition Depot
NMRD	Non-Munitions Related Debris
QC	Quality Control
RI	Remedial Investigation
RRD	Range Related Debris
TPP	Technical Project Planning
USACE	United States Army Corps of Engineers



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Welcome and Introductions



USACE



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- Hud Heaton: Contract Officer Representative
- Gina Kaso: Project Manager
- Barry Hodges: Technical Manager
- Chad Wood: Geophysicist
- Cindy Auld: Risk Assessor
- Mike Narcisi: Risk Assessor
- Amy Rosenstein: Risk Assessor
- Mike Kulbersh: Geologist
- Yixian Zhang: Chemist



MassDEP



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- Joanne Dearden: Project Manager

Town of Hingham

- Thomas Mayo: Assistant Town Administrator
- Sharon Perfetti: Town Administrator Office Manager
- Loni Fournier: Conservation Agent
- Scott McMillan: Bare Cover Park Ranger
- Steve Murphy: Fire Chief
- Louis Lachance: Deputy Fire Chief



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Town of Weymouth

- Mary Ellen Schloss: Conservation Administrator
- Robert Luongo: Director of Planning and Community Development
- Paul Milone: Harbor Master
- Matt Brennan: Health Department
- Dan McCormack: Health Department
- Steve Reilly: Recreation Department
- Andrew Hultin: Recreation Department



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PIKA-Arcadis Joint Venture (JV)

- Afton Hess: Project Manager
- Vijay Chennoju: Deputy Project Manager
- Layne Young: Deputy Project Manager, Alternative
- Paul Novak: QC Geophysicist
- Hope Nemickas: Risk Assessor
- Dave Glass: Strategic Project Delivery Director

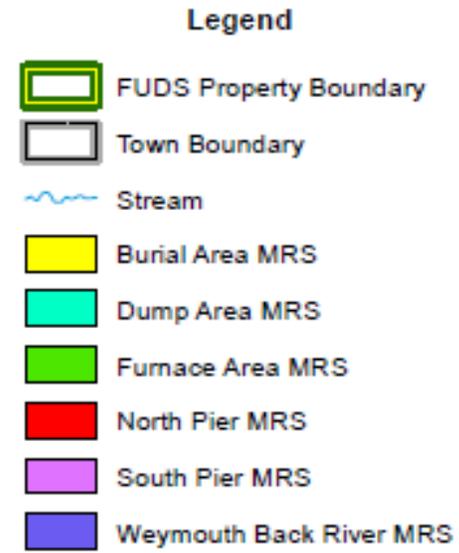
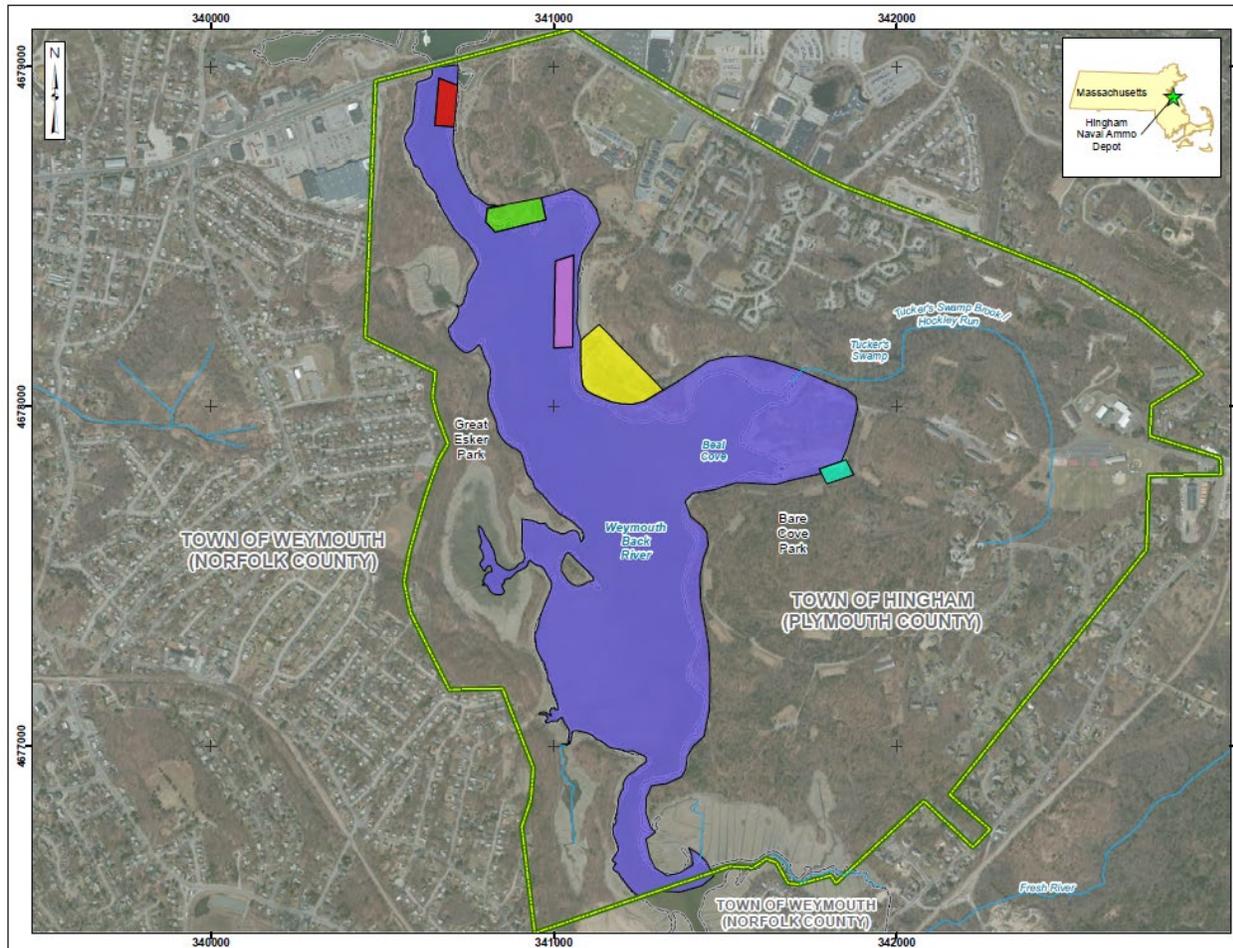


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RI/FS Objectives and Status

Objectives

- Characterize the nature and extent of MEC and MC to assess the potential risk and hazards to human health, safety, and the environment arising from potential MEC and MC.





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Status

- RI Field Work Completed by April 2019; additional data gap field work completed in January 2020
- All 6 RI Reports submitted to MassDEP, comments have been addressed, the RI Reports were finalized 16 September 2020
- The Final RI Reports have been submitted to the Administrative Record at Hingham Public Library located at 66 Leavitt Street, Hingham, Massachusetts and the Tufts @ Pratt Library located at 1400 Pleasant Street, East Weymouth, Massachusetts
- No Feasibility Study will be required for any of the MRSs
- Current contract negotiations are underway regarding the Proposed Plan and Decision Document



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RI/FS Results and Recommendations – Weymouth Back River MRS



Results

- MEC (water and land) investigation completed; MC sampling not conducted as no MEC items were identified
- No MEC was recovered during the RI field work
 - All investigated anomalies were identified as MDAS, NMRD, other, or false positives (i.e., no contact)
- MEC: acceptable site conditions (very low hazard for MEC)
- MC: acceptable site conditions (no source for MC presence)



Photograph on this slide depicts the MDAS item (MK1 MOD1 Submarine Float Signal M69) recovered at the Weymouth Back River MRS



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Recommendations

- No Feasibility Study warranted
- No Further Action Proposed Plan
- No Further Action Decision Document



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RI/FS Results and Recommendations – North Pier MRS



Results

- MEC investigation completed; MC sampling completed
- No MEC was recovered during the RI field work
 - All investigated anomalies were identified as MD, NMRD, small arms, RRD, other (geologic noise or a co-located target), QC seeds, or false positives (i.e., no contact)
- MEC: acceptable site conditions (very low hazard for MEC)
- MC: acceptable site conditions (no source for MC presence)



Photographs on this slide depict the various MD items recovered at the North Pier MRS





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Recommendations

- No Feasibility Study warranted
- No Further Action Proposed Plan
- No Further Action Decision Document



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RI/FS Results and Recommendations – South Pier MRS





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Results

- MEC investigation completed; MC sampling completed
- No MEC was recovered during the RI field work
 - Only NMRD was recovered
- MEC: acceptable site conditions (no hazard for MEC)
- MC: acceptable site conditions (no source for MC presence)



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Recommendations

- No Feasibility Study warranted
- No Further Action Proposed Plan
- No Further Action Decision Document



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RI/FS Results and Recommendations – Dump Area MRS



Results

- MEC investigation completed; MC sampling completed
- No MEC was recovered during the RI field work
 - Only NMRD was recovered
- MEC: acceptable site conditions (no hazard for MEC)
- MC: acceptable site conditions (no source for MC presence)



Photograph on this slide depict the NMRD recovered at the Dump Area MRS



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Recommendations

- No Feasibility Study warranted
- No Further Action Proposed Plan
- No Further Action Decision Document

RI/FS Results and Recommendations – Burial Area MRS



Results

- MEC investigation completed; MC sampling completed
- No MEC was recovered during the RI field work
 - Only NMRD was recovered
- MEC: acceptable site conditions (no hazard for MEC)
- MC: acceptable site conditions (no source for MC presence)

Photograph on this slide depict the NMRD recovered at the Burial Area MRS





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Recommendations

- No Feasibility Study warranted
- No Further Action Proposed Plan
- No Further Action Decision Document



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RI/FS Results and Recommendations – Furnace Area MRS



Results

- MEC investigation completed; MC sampling completed
- No MEC was recovered during the RI field work
 - Only NMRD was recovered
- MEC: acceptable site conditions (no hazard for MEC)
- MC: acceptable site conditions (no source for MC presence)

Photograph on this slide depict the NMRD recovered at the Furnace Area MRS





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Recommendations

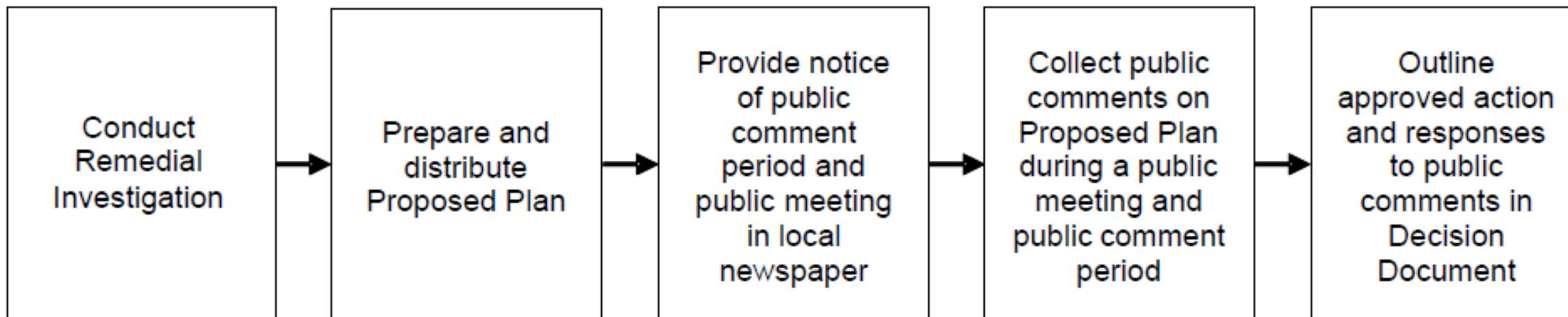
- No Feasibility Study warranted
- No Further Action Proposed Plan
- No Further Action Decision Document



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Schedule

Public Participation Process





Schedule



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Activity	Planned Completion
Conduct Virtual Public Meeting to review RI Results/Recommendations	October 2020
Submit Draft Proposed Plan (Army review)	October 2020
Submit Draft Final Proposed Plan (MassDEP review)	January 2021
Submit Proposed Plan for Public Comment	February/March 2021
Submit Draft Decision Document (Army review)	February 2021
Prepare Draft Final Decision Document (MassDEP review)	March/April 2021
Prepare Final Decision Document	May/June 2021



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Questions





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Action Item Summary



Action Items

Action Item	Assigned To / Due Date
1. The JV will provide meeting minutes and will include revised slides (to reflect the RI Reports being final and include a figure showing the public participation process)	The JV / upon submitted of meeting minutes



SAFETY REMINDER



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Remember the 3Rs of Military Munitions Safety:

Recognize:

you may have encountered a munitions item.

Retreat:

from munitions item. Do not touch or disturb it; instead move away carefully, walking out the same way you entered the area. Do not use two-way radios or cell phones within 100 feet of the item.

Report:

what you saw and where you saw it by calling 911.