

MEETING NOTES

FY 2017 Proposed Action from Annual M-045-56 Meeting T/TY Barrier Inspections and Maintenance Update

MEETING DATE: March 1, 2017

LOCATION: 3110 Port of Benton Boulevard, Richland, WA

JUN 0 8 2017 EDMC

ATTENDEES:

Jan Bovier (DOE-ORP) Gregory Smith (WRPS) Ryan Childress (TerraGraphics)

Cindy Tabor (WRPS)

Joe Caggiano (Ecology) Greg Gauck (WRPS) Alex Pappas (WRPS) Melissa Holm (WRPS) Marysia Skorska (Ecology) Harold Sydnor (WRPS) Dan Parker (WRPS)

PURPOSE OF MEETING: This purpose of this meeting was to provide an update on the T/TY Barrier Inspections and Maintenance, which completes the Proposed Action For FY 2017 #4 from the July 20, 2016 Annual Meeting to Discuss Interim Measures (#4: Provide an update on the T/TY Barrier Inspections and Maintenance).

DISCUSSION FOR THIS MEETING: Greg Gauck gave a powerpoint presentation illustrating the current state of 241-T & 241-TY Interim Surface Barriers (Attachment 1).

After the presentation there were four questions from Ecology that will be addressed subsequent to the meeting:

- 1) Joe C (Ecology): When were the pictures taken?
- 2) Joe C (Ecology): Slide 22 how long did it take for the separation issue to reoccur?
- 3) Marysia S (Ecology): What are the plans for future repairs (issue cost effectiveness vs implementing alternative)
- 4) Joe C (Ecology): How close were we to reaching dome load with asphalt barrier?

Cindy Tabor identified that responses to the questions would be provided later via email (and additionally will be submitted to the administrative record with the annual M-045-56 meeting notes.)

DOE Project Manager (print)

Ecology Project Manager (print)

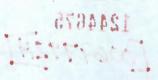
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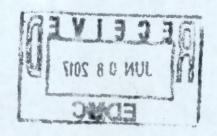
Ecology Project Manager (signature)

5 24 2017

Date

Date





Attachment 1: TOC-PRES-17-0876-VA, Rev. 0

T & TY Interim Surface Barriers Inspection and Maintenance

INFORMATION CLEARANCE REVIEW AND RELEASE APPROVAL Part I: Background Information Information Category: Title: T & TY Interim Surface Barriers ☐ Journal Article ☐ Summary Abstract Internet Visual Aid □ Software Full Paper Report ☐ Other Publish to OSTI? ✓ No Yes Yes NA 1 Trademark/Copyright "Right to Use" Information or Permission Documentation JRR Document Number: TOC-PRES-17-0876 -VA Revision 0 Date: March 2017 03/27/2017 Author: Ryan Childress Part II: External/Public Presentation Information Conference Name: N/A Sponsoring Organization(s): WRPS Date of Conference: 03/01/2017 Conference Location: Richland, WA (If Yes, attach copy of Conference Will Material be Handed Out? ☐ Yes Will Information be Published? ✓ No ☑ No ☐ Yes format instructions/guidance.) Part III: WRPS Document Originator Checklist Print/Sign/Date Description Yes N/A Information Product meets requirements in TFC-BSM-AD-C-01? \square Document Release Criteria in TFC-ENG-DESIGN-C-25 completed? V (Attach checklist) 1 If product contains pictures, safety review completed? Part IV: WRPS Internal Review **Function** Organization Date Print Name/Signature/Date Ryan Childress Approved via att. IDMS data file. **WRPS** Subject Matter Expert **WRPS** Rutland, Paul L Responsible Manager Approved via att. IDMS data file. Part V: IRM Clearance Services Review Yes No Print Name/Signature Description **Document Contains Classified Information?** If Answer is "Yes," ADC Approval Required Print Name/Signature/Date V Reviewer Signature: Document Contains Information Restricted by DOE Operational Security Guidelines? Print Name/Signature/Date Document is Subject to Release Restrictions? V Document contains: If the answer is "Yes," please mark category at right and describe Applied Technology ☐ Protected CRADA limitation or responsible organization below: ☐ Personal/Private ☐ Export Controlled Proprietary ☐ Procurement - Sensitive □ ouo Patentable Info. Predecisional Info. ☐ UCNI Restricted by Operational Security Guidelines Other (Specify) Additional Comments from Information Clearance Specialist V Information Clearance Specialist Approval Review? APPROVED Print Name/Signature/Date

INFORMATION CLEARANCE REVIEW AND RELEASE APPROVAL Part VI: Final Review and Approvals Approved for Release Print Name/Signature Description Yes N/A WRPS External Affairs W Approved via att. IDMS data file. W WRPS Office of Chief Counsel Approved via att. IDMS data file. DOE - ORP Public Affairs/Communications V Approved via att. IDMS data file. Other: DOE ORP & SME Approved via att. IDMS data file. Other: Comments Required for WRPS-Indicate Purpose of Document: To provide to Washington State Department of Ecology **APPROVED** By Julia Raymer at 9:06 am, Mar 27, 2017 Approved for Public Release; Further Dissemination Unlimited Information Release Station Was/Is Information Product Approved for Release? Yes No ☑ Public/Unrestricted If Yes, what is the Level of Releaser? ☐ Other (Specify) Date Information Product Stamped/Marked for Release:

☐ Yes ☑ No

Forward Copies of Completed Form to WRPS Originator

Was/Is Information Product Transferred to OSTI?

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T & TY Interim Surface Barriers

Inspection and Maintenance

Prepared for the U.S. Department of Energy Assistant Secretary for Environmental Management

Contractor for the U.S. Department of Energy Office of River Protection under Contract DE-AC27-08RV14800



P.O. Box 850 Richland, Washington 99352

T & TY Interim Surface Barriers

Inspection and Maintenance

S. Bergman
Washington River Protection Solutions

Date Published March 2017

To be Presented at N/A

WRPS Richland, WA

03/01/2017

Published in N/A

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APPROVED

By Julia Raymer at 9:09 am, Mar 27, 2017

Release Approval

Date

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241-T & 241-TY Interim
Surface Barriers

Scott Bergman

ST Team Area Engineer

Greg Gauck

Single-Shell Tank Design

Single-Shell Tank Design Authority

March 1, 2017





T- Farm Interim Surface Barrier (TISB)

- Sprayed Polyurea Liner on compacted soil
- Completed in 2008
- Repairs commenced in 2012 and 2013

TY-Farm Interim Surface Barrier (TYISB)

- Modified Asphalt on compacted soil
- Completed in 2010







Retaining Wall Liner Separation





Retaining Wall Liner Separation



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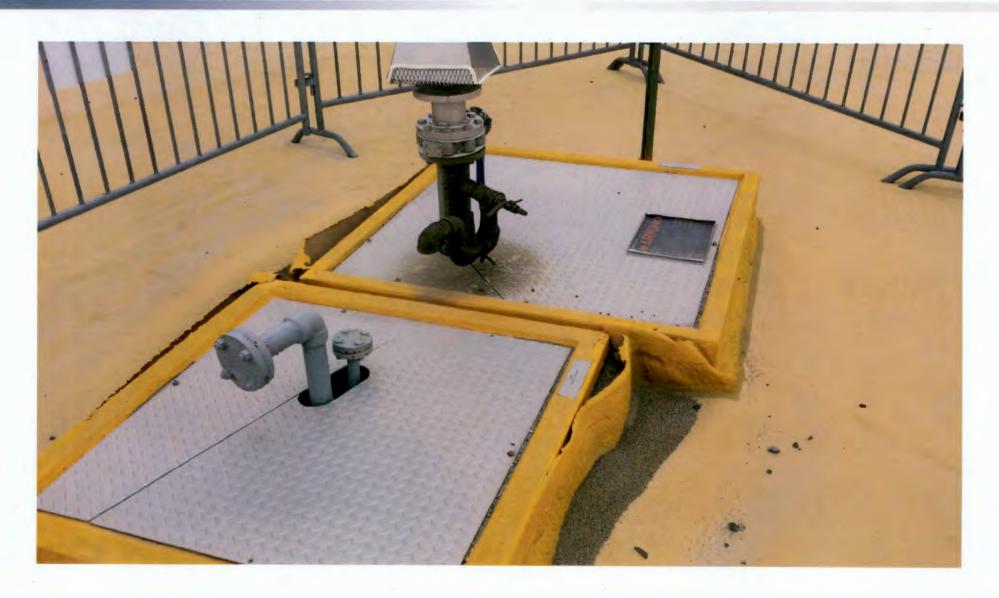








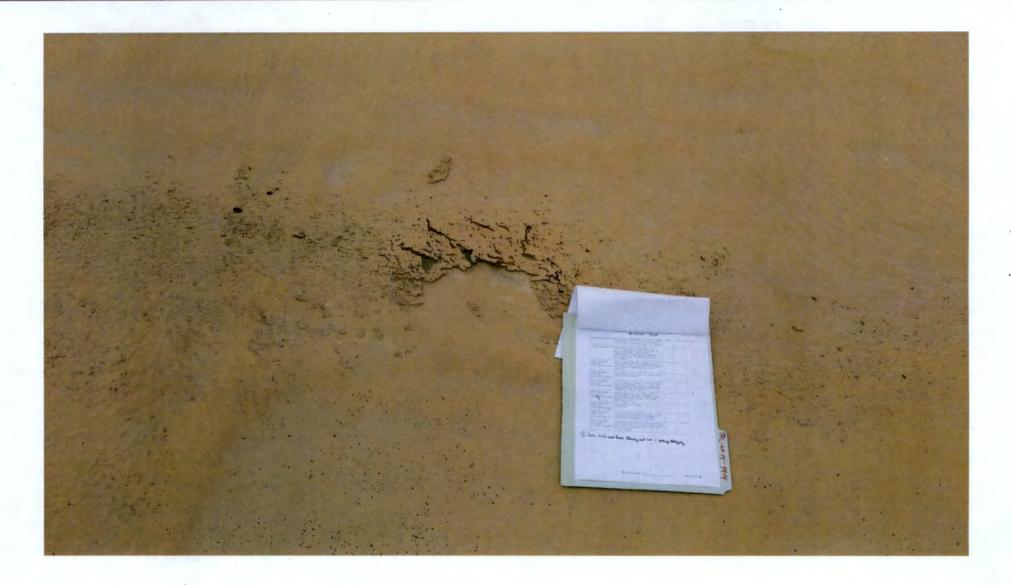






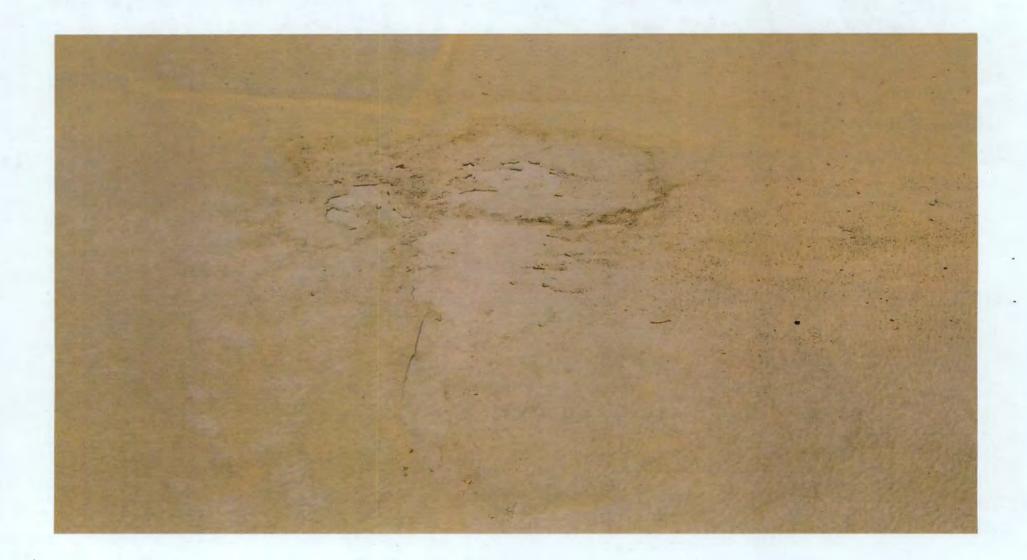






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Temporary Equipment Deformations washington river protection solutions





Temporary Equipment Deformations













