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| Change Number M-24-10-01 | Federal Facility Agreement and Consent Order Change Control Form <small>Do not use blue ink. Type or print using black ink.</small> | Date July 22, 2010 |
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| Originator K. M. Thompson | Phone (509) 373-0750 |
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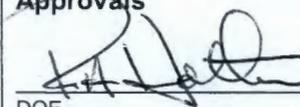
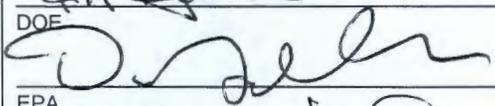
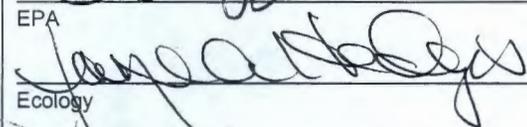
Class of Change
 I - Signatories II - Executive Manager III - Project Manager

Change Title
Groundwater Protection, Monitoring and Remediation Well Installation Priority List Update Through CY 2013, and M-024-64 Creation.

Description/Justification of Change
This change package completes the 2010 Hanford Federal Facility Agreement and Consent Order (TPA) Target Date M-024-61-T01 requirement to conclude discussions of well commitments initiated under M-024-58 and, by August 1, 2010, add a new interim M-024 milestone commitment to incorporate new CY 2013 well installations to maintain a three-year rolling, prioritized well drilling schedule. The Parties have successfully concluded discussions and by approval of this change package authorize creation of new milestone M-024-64 for completion of CY 2013 well installations.
This change package also creates an August 1, 2013 target date for concluding discussions initiated under M-024-58 for CY 2016 well installations. The target date is established as M-024-64-T01.
Continued on page 2

Impact of Change
This change provides for continued installation of new monitoring wells.

Affected Documents
The Hanford Federal Facility Agreement and Consent Order, as amended, and Hanford Site internal planning management, and budget documents (e.g., USDOE and USDOE contractor Baseline Change Control documents; Multi-Year Work Plan; Sitewide Systems Engineering Control Documents; Project Management Plan, RI/FS documents, RCRA TSD monitoring plans and, if appropriate, LDR Report requirements).

Approvals
 7-28-2010 Approved _____ Disapproved
DOE Date
 7/28/10 Approved _____ Disapproved
EPA Date
 7/28/2010 Approved _____ Disapproved
Ecology Date

Description/Justification of Change

Continued from page 1

Existing interim milestones M-024-062 and M-024-063 are modified to refer to the updated well installation attachments included with this change package.

The Parties agree that when a monitoring well is drilled and subsequently is found to be "dry," that the well will still count toward meeting M-024 well drilling totals.

Approval of this change package updates the list of monitoring wells planned to be drilled/constructed in CY 2011 and CY 2012, as well as provides the list of wells for CY 2013. Monitoring wells identified to be drilled/constructed in the years CY 2011 through CY 2013 are identified in Attachment 1. Attachment 1 lists the planned installation calendar year for each monitoring well. Attachment 2, provided for information only, includes anticipated treatment wells that are not part of the M-024 milestone.

Changes to Interim Milestones are displayed by double-underline to indicate addition of text and by ~~strikeout~~ to indicate deletion of text.

Update existing milestones to refer to the latest well installation attachment, and establish new M-024-64:

| | | |
|-------------------------------------|--|-------------------|
| M-024-62 Lead agency: Ecology | DOE shall complete the construction of all wells listed for calendar year 2010 and before, as identified in attachment 1 of TPA change package M-024-09-01 <u>M-024-10-01</u> . <i>AF 2011 JAH 8/4/10 Jane A. Hedges by John Price JBP</i> [Note: remainder of text of this milestone remains unchanged from existing version. Identical text can be viewed in M-024-64, below.] | December 31, 2011 |
|-------------------------------------|--|-------------------|

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|-------------------------------------|--|-------------------|
| M-024-63 Lead agency: Ecology | DOE shall complete the construction of all wells listed for calendar year 2011 and before, as identified in attachment 1 of TPA change package M-024-09-01 <u>M-024-10-01</u> . <i>AF 2012 JAH 8/4/10 Jane A. Hedges by John Price JBP</i> [Note: remainder of text of this milestone remains unchanged from existing version. Identical text can be viewed in M-024-64, below.] | December 31, 2012 |
|-------------------------------------|--|-------------------|

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| <p><u>M-024-64</u> <u>Lead</u> <u>agency:</u> <u>Ecology</u></p> | <p><u>DOE shall complete the construction of all wells listed for calendar year 2013 and before, as identified in attachment 1 of TPA change package M-024-10-01.</u></p> <p><u>Since all wells are drilled in CERCLA or RCRA past practice Operable Units, the parties agreed that the most effective and efficient method of managing wastes from all Hanford well development drilling would be to dispose of the waste in the Hanford environmental restoration disposal facility (ERDF). This workscope would be conducted under the M-024 series milestones and will need to meet ERDF disposal requirements through the timely submittal of CERCLA sampling and analysis plans (or revisions to existing CERCLA sampling and analysis plans) for the appropriate operable unit, approved by the assigned lead regulatory agency.</u></p> <p><u>The integration and coordination of well drilling under the revised Tri-Party Agreement M-024 milestone series will assure CERCLA needs are incorporated into the overall drilling campaign. In addition, the parties reaffirmed their commitment to Section 5.5 of the Tri-Party Agreement Action Plan, the need to coordinate the application of regulatory requirements, and that past-practice authority may provide the most efficient means for addressing mixed-waste groundwater contamination plumes originating from a combination of TSD and past-practice units.</u></p> <p><u>In order to ensure that TSD units within the operable units are brought into compliance with RCRA and state hazardous waste regulations, the State of Washington Department of Ecology (Ecology) intends, subject to part four of the Tri-Party Agreement, that all response or corrective actions, excluding situations where there is an imminent threat to the public health or environment as described in Section 7.2.3, will be conducted in a manner which ensures compliance with the technical requirements of the Hazardous Waste Management Act (HWMA) Chapter 70.105 RCW and implementing regulations. Notwithstanding this operating assumption, Ecology reserves the right to exercise its authority under the HWMA and the Hanford Sitewide RCRA Permit, Condition ii.y to require groundwater response actions consistent with WAC 173-303-645 and/or 173-303-646. The management of purgewater and investigation derived wastes from existing wells and wells under the revised M-024 Tri-Party Agreement milestones (including treatment, storage, and disposal unit wells), will be managed as CERCLA wastes in accordance with a CERCLA decision document, sampling and analysis plan, or waste control plan. Non-liquids will be disposed at ERDF as long as the wastes meet ERDF disposal acceptance criteria. Purgewater will be stored and/or treated at the 200 Area Effluent Treatment Facility or the 600 Area Purgewater Storage and Treatment Facility, unless the lead regulatory agency approves a discharge request for return to the environment.</u></p> <p><u>(This milestone series will continue on a yearly basis until such time that the Parties agree that sufficient RCRA and CERCLA groundwater wells are in place and operating to comply with RCRA and CERCLA requirements for groundwater monitoring, groundwater protection, and groundwater remediation.)</u></p> | <p><u>December</u> <u>31, 2013</u></p> |
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| | <p><u>This milestone does not preclude or foreclose the imposition of additional groundwater well installations pursuant to RCRA permits or work plans and/or CERCLA workplans. Additional work or modification to work shall be in accordance with the provisions of the Agreement.</u></p> <p>ARTICLE XXX OF Part 8-18-10 <i>J</i></p> | |
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Jane A. Hedges by John Price JP 8-24-10

New target date established, associated with milestone M-024-64:

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| <p><u>M-024-64-T01</u> <u>Lead agency:</u> <u>Ecology</u></p> | <p><u>Conclude discussions of well commitments initiated under M-024-58 and add a new interim M-024 milestone commitment for December 31, 2015 to incorporate new well installations needed to maintain a three-year rolling prioritized drilling schedule.</u></p> | <p>August 1, 2013</p> |
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**Attachment 1
CY 2011 - CY 2013 Monitoring Wells**

| # | Well ID | OU/Other | Comments | Temporary Name | Program/Facility Name/ Locations | Justification/Purpose | Planned Campaign | TPA Calendar Year |
|----|----------------------------|----------|------------------------------------|---------------------------|-------------------------------------|--|--------------------|-------------------|
| 1 | C7505 | 100-BC-5 | 199-B5-5 | Support 100-BC-5 RI/FS | 100-B | Monitoring Well | Accepted 2/25/10 | CY 2011 M-24 Well |
| 2 | C7506 | 100-BC-5 | 199-B3-50 | Support 100-BC-5 RI/FS | 100-B | Monitoring Well | Accepted 2/25/10 | CY 2011 M-24 Well |
| 3 | C7507 | 100-BC-5 | 199-B5-6 | Support 100-BC-5 RI/FS | 100-B | Monitoring Well | Accepted 2/25/10 | CY 2011 M-24 Well |
| 4 | C7665 replaced C7508 | 100-BC-5 | 199-B2-14 replaces 199- D8-9 | Support 100-BC-5 RI/FS | 100-B | Monitoring Well | Accepted 2/25/10 | CY 2011 M-24 Well |
| 5 | C7514 | 200-BP-5 | 299-E24-25 | 200-BP-5 | Well L | Obtain Data Supporting the CERCLA RI/FS Process | Accepted 3/23/10 | CY 2011 M-24 Well |
| 6 | C7515 | 200-BP-5 | 299-E28-30 | 200-BP-5 | Well M | Obtain Data Supporting the CERCLA RI/FS Process | Accepted 3/23/10 | CY 2011 M-24 Well |
| 7 | C5860 | 200-BP-5 | 299-E29-54 | BP5-12 | Well K | Obtain Data Supporting the CERCLA RI/FS | Accepted 3/23/10 | CY 2011 M-24 Well |
| 8 | C7439 | 100-NR-2 | 199-N-349 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 3/8/2010 | CY 2011 M-24 Well |
| 9 | C7440 | 100-NR-2 | 199-N-348 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 3/8/2010 | CY 2011 M-24 Well |
| 10 | C7441 | 100-NR-2 | 199-N-347 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 3/8/2010 | CY 2011 M-24 Well |
| 11 | C7442 | 100-NR-2 | 199-N-346 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 3/8/2010 | CY 2011 M-24 Well |
| 12 | C7443 | 100-NR-2 | 199-N-350 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 2/9/2010 | CY 2011 M-24 Well |
| 13 | C7444 | 100-NR-2 | 199-N-351 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 2/9/2010 | CY 2011 M-24 Well |
| 14 | C7445 | 100-NR-2 | 199-N-352 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 2/9/2010 | CY 2011 M-24 Well |
| 15 | C7446 | 100-NR-2 | 199-N-353 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 3/25/2010 | CY 2011 M-24 Well |
| 16 | C7447 | 100-NR-2 | 199-N-354 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 3/25/2010 | CY 2011 M-24 Well |
| 17 | C7448 | 100-NR-2 | 199-N-355 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 3/25/2010 | CY 2011 M-24 Well |
| 18 | C7449 | 100-NR-2 | 199-N-356 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 3/25/2010 | CY 2011 M-24 Well |
| 19 | C7450 | 100-NR-2 | 199-N-357 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 3/25/2010 | CY 2011 M-24 Well |
| 20 | C7451 | 100-NR-2 | 199-N-358 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 3/25/2010 | CY 2011 M-24 Well |
| 21 | C7452 | 100-NR-2 | 199-N-359 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 4/29/2010 | CY 2011 M-24 Well |

NOTE: This well listing can be modified with agreement by the Parties at the Project Manager level.

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11/9/10

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**Attachment 1
CY 2011 - CY 2013 Monitoring Wells**

| | | | | | | | | |
|----|-------|----------|-------------|------------------------|-------------|---|---------------------------|-------------------|
| 22 | C7453 | 100-NR-2 | 199-N-360 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 4/29/2010 | CY 2011 M-24 Well |
| 23 | C7454 | 100-NR-2 | 199-N-361 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 4/29/2010 | CY 2011 M-24 Well |
| 24 | C7455 | 100-NR-2 | 199-N-362 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 4/15/2010 | CY 2011 M-24 Well |
| 25 | C7456 | 100-NR-2 | 199-N-363 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 4/15/2010 | CY 2011 M-24 Well |
| 26 | C7457 | 100-NR-2 | 199-N-364 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 4/15/2010 | CY 2011 M-24 Well |
| 27 | C7458 | 100-NR-2 | 199-N-365 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 4/15/2010 | CY 2011 M-24 Well |
| 28 | C7459 | 100-NR-2 | 199-N-366 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 4/15/2010 | CY 2011 M-24 Well |
| 29 | C7463 | 100-NR-2 | 199-N-367 | NR-2 Barrier Well | 100-N | Monitoring Well for Apatite Barrier | Accepted 4/15/2010 | CY 2011 M-24 Well |
| 30 | C7571 | RCRA | 299-E27-25 | SST WMA C | 241-C Farm | RCRA SST WMA CWell | FY 2010 | CY 2011 M-24 Well |
| 31 | C7564 | RCRA | 299-E33-265 | WMA-1 #1 | 200-E WMA 1 | RCRA WMA Well replaces dry C7566 | FY 2010 | CY 2012 M-24 Well |
| 32 | C7565 | RCRA | 299-E33-266 | WMA-1 #2 | 200-E WMA 1 | RCRA WMA Well | FY 2010 | CY 2012 M-24 Well |
| 33 | C7566 | RCRA | 299-E34-13 | WMA-1 #3 | 200-E WMA 1 | RCRA WMA Well - Decommissioned - Not enough water | FY 2010 Decommissioned | CY 2012 M-24 Well |
| 34 | C7570 | RCRA | 299-E27-24 | SST WMA C | 241-C Farm | RCRA SST WMA CWell | FY 2010 | CY 2012 M-24 Well |
| 35 | C7664 | RCRA | 299-W22-89 | SST WMA S/SX #1 | 241-S Farm | RCRA SST WMA S/SX Well | FY 2010 | CY 2012 M-24 Well |
| 36 | C7790 | 100-FR-3 | 199-F5-52 | Support 100-FR-3 RI/FS | 100-F | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010 | CY 2012 M-24 Well |
| 37 | C7791 | 100-FR-3 | 199-F5-53 | Support 100-FR-3 RI/FS | 100-F | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010 | CY 2012 M-24 Well |
| 38 | C7792 | 100-FR-3 | 199-F5-54 | Support 100-FR-3 RI/FS | 100-F | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010 | CY 2012 M-24 Well |
| 39 | C7508 | 100-BC-5 | 199-B8-9 | Support 100-BC-5 RI/FS | 100-B | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 40 | C7783 | 100-BC-5 | 199-B2-15 | Support 100-BC-5 RI/FS | 100-B | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 41 | C7784 | 100-BC-5 | 199-B2-16 | Support 100-BC-5 RI/FS | 100-B | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 42 | C7785 | 100-BC-5 | 199-B3-51 | Support 100-BC-5 RI/FS | 100-B | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 43 | C7786 | 100-BC-5 | 199-B4-14 | Support 100-BC-5 RI/FS | 100-B | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 44 | C7787 | 100-BC-5 | 199-B5-7 | Support 100-BC-5 RI/FS | 100-B | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |

Attachment 1
CY 2011 - CY 2013 Monitoring Wells

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|----|-------|----------|-----------|--------------------|----------------------|--|--------------|-------------------|
| 45 | C7683 | 100-KR-4 | 199-K-183 | 100-KR-4 RI/FS #1 | 100-K | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 46 | C7684 | 100-KR-4 | 199-K-184 | 100-KR-4 RI/FS #9 | 100-K | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 47 | C7685 | 100-KR-4 | 199-K-185 | 100-KR-4 RI/FS #7 | 100-K | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 48 | C7686 | 100-KR-4 | 199-K-186 | 100-KR-4 RI/FS #10 | 100-K | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 49 | C7687 | 100-KR-4 | 199-K-187 | 100-KR-4 RI/FS #2 | 100-K | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 50 | C7688 | 100-KR-4 | 199-K-188 | 100-KR-4 RI/FS #11 | 100-K | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 51 | C7689 | 100-KR-4 | 199-K-189 | 100-KR-4 RI/FS #12 | 100-K | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 52 | C7690 | 100-KR-4 | 199-K-190 | 100-KR-4 RI/FS #8 | 100-K | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 53 | C7691 | 100-KR-4 | 199-K-191 | 100-KR-4 RI/FS #3 | 100-K | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 54 | C7692 | 100-KR-4 | 199-K-192 | 100-KR-4 RI/FS #4 | 100-K | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 55 | C7693 | 100-KR-4 | 199-K-193 | 100-KR-4 RI/FS #5 | 100-K | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 56 | C7694 | 100-KR-4 | 199-K-194 | 100-KR-4 RI/FS #6 | 100-K | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 57 | C7695 | 100-KR-4 | 199-K-195 | 100-KR-4 RI/FS #13 | 100-K | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 58 | C7657 | 300-FF-5 | 399-1-58 | 300-FF-5 #1 | 300 Area | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 59 | C7658 | 300-FF-5 | 399-6-3 | 300-FF-5 #2 | 300 Area | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 60 | C7659 | 300-FF-5 | 399-1-59 | 300-FF-5 #3 | 300 Area | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2012 M-24 Well |
| 61 | TBD | RCRA | TBD | RCRA | LERF | LERF Monitoring Well - North of facility | FY2011 | CY 2013 M-24 Well |
| 62 | TBD | RCRA | TBD | RCRA | NRDWL/SWL | Monitor NRDWL/SWL - Replace Dry Well 699-25-34C - Downgradient | FY2011 | CY 2013 M-24 Well |
| 63 | TBD | RCRA | TBD | RCRA | SST S-SX | Monitor RCRA Facility - SST S-SX Near 299-W22-26 Downgradient | FY2011 | CY 2013 M-24 Well |
| 64 | TBD | RCRA | TBD | RCRA | SST S-SX | Monitor RCRA Facility - SST S-SX Near 299-W22-48 Downgradient | FY2011 | CY 2013 M-24 Well |
| 65 | TBD | RCRA | TBD | RCRA | SST U <u>LLWMA-3</u> | Monitor RCRA Facility SST U - Near 299-W18-30 - Downgradient Monitor Mixed-Waste Trenches 31 and 34. Up-gradient | FY2011 | CY 2013 M-24 Well |
| 66 | C7653 | 300-FF-5 | 399-1-54 | 300-FF-5 #4 | 300 Area | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |

DAW 11-8-10
DDP, r Nov 10 For DAF
JAH 11/9/10

**Attachment 1
CY 2011 - CY 2013 Monitoring Wells**

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|----|-------|----------|------------|--------------|-------------|---|--------------|-------------------|
| 67 | C7654 | 300-FF-5 | 399-1-55 | 300-FF-5 #5 | 300 Area | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 68 | C7655 | 300-FF-5 | 399-1-56 | 300-FF-5 #6 | 300 Area | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 69 | C7656 | 300-FF-5 | 399-1-57 | 300-FF-5 #7 | 300 Area | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 70 | C7660 | 300-FF-5 | 399-2-32 | 300-FF-5 #8 | 300 Area | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 71 | C7661 | 300-FF-5 | 399-6-4 | 300-FF-5 #9 | 300 Area | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 72 | C7662 | 300-FF-5 | 399-4-15 | 300-FF-5 #10 | 300 Area | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 73 | C7663 | 300-FF-5 | 399-3-33 | 300-FF-5 #11 | 300 Area | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 74 | C7620 | 100-HR-3 | 199-D3-5 | 100-HR-3 #1 | 100-H/100-D | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 75 | C7621 | 100-HR-3 | 199-D5-133 | 100-HR-3 #2 | 100-H/100-D | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 76 | C7622 | 100-HR-3 | 199-D5-132 | 100-HR-3 #3 | 100-H/100-D | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 77 | C7623 | 100-HR-3 | 199-D6-3 | 100-HR-3 #4 | 100-H/100-D | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 78 | C7624 | 100-HR-3 | 199-D5-134 | 100-HR-3 #5 | 100-H/100-D | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 79 | C7625 | 100-HR-3 | 199-D5-141 | 100-HR-3 #15 | 100-H/100-D | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 80 | C7626 | 100-HR-3 | 199-H3-6 | 100-HR-3 #6 | 100-H/100-D | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 81 | C7627 | 100-HR-3 | 199-H3-7 | 100-HR-3 #7 | 100-H/100-D | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 82 | C7628 | 100-HR-3 | 199-H6-3 | 100-HR-3 #8 | 100-H/100-D | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 83 | C7629 | 100-HR-3 | 199-H6-4 | 100-HR-3 #9 | 100-H/100-D | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 84 | C7630 | 100-HR-3 | 199-H1-7 | 100-HR-3 #10 | 100-H/100-D | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 85 | C7631 | 100-HR-3 | 199-H2-1 | 100-HR-3 #11 | 100-H/100-D | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 86 | C7639 | 100-HR-3 | 199-H3-9 | 100-HR-3 #13 | 100-H/100-D | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 87 | C7640 | 100-HR-3 | 199-H3-10 | 100-HR-3 #14 | 100-H/100-D | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |

Attachment 1
CY 2011 - CY 2013 Monitoring Wells

| | | | | | | | | |
|----|-------|----------|------------|--------------|-------------|---|--------------|-------------------|
| 88 | C7866 | 100-HR-3 | 199-D5-140 | 100-HR-3 #12 | 100-H/100-D | Obtain Data Supporting the CERCLA RI/FS Process | FY 2010/2011 | CY 2013 M-24 Well |
| 89 | TBD | 100-HR-3 | TBD | 100-HR-3 #1 | 100-HR-3 | Compliance Wells Supporting RPO Ten Wells | FY 2011 | CY 2013 M-24 Well |
| 90 | TBD | 100-HR-3 | TBD | 100-HR-3 #2 | 100-HR-3 | Compliance Wells Supporting RPO Ten Wells | FY 2011 | CY 2013 M-24 Well |

Attachment 2**Completed and Anticipated Treatment Wells, Not Part of M-024 Milestone**

| # of Wells | OU/Other | Justification/Purpose | Planned Campaign |
|-------------------|-----------------|---|--|
| 1 | 100-HR-3 | Iron Amendment Verification | Accepted FY 2009 3/31/2009 |
| 4 | 100-HR-3 | Bioremediation Treatability Test | FY 2010/2011 |
| 40 | 100-HR-3 | 100 "H" RPO and Scenario 5 | FY 2010 Accepted 12 to date |
| 30 | 100-HR-3 | 100 "D" RPO and Scenario 5 | FY 2010 Accepted 14 on 2/23/2010; 14 on 5/4/2010 |
| 7 | 100-KR-4 | Well Realignment | Accepted FY 2009/2010: 2 on 3/12/2009; 2 on 10/15/2009; 1 on 10/27/2009; 2 on 1/21/2010 |
| 4 | 100-KR-4 | RPO | FY 2010/2011 |
| 16 | 100-KR-4 | RPO | FY 2011 |
| 2 | 100-KR-4 | Pump and Treat Optimization | FY 2011 |
| 149 | 100-NR-2 | Barrier Emplacement | Accepted FY 2010 |
| 9 | 100-NR-2 | Infiltration Gallery/Petroleum Hydrocarbon | Accepted 1 on 3/19/2009; 8 on 5/5/2009 |
| 7 | 100-NR-2 | BioRemediation for WCH | Accepted 3/19/2009 |
| 3 | 200-BC Cribs | BC Cribs | Accepted FY 2009 |
| 20 | 200-BC Cribs | BC Cribs Soil Dessication | Accepted FY 2011 4/23/2010 |
| 1 | 200-BC Cribs | Deep Vadose Characterization | Accepted FY 2009 |
| 5 | 200-BC Cribs | Deep Vadose Characterization | Accepted FY 2009 6/8/2009 |
| 3 | 200-BC Cribs | Deep Vadose Characterization | FY 2011 |

Attachment 2**Completed and Anticipated Treatment Wells, Not Part of M-024 Milestone**

| | | | |
|------------|--------------|---|---|
| 6 | 200-BC Cribs | Uranium Sequestration Field Test | FY 2011 |
| 2 | 200-PW-1 | Soil Vapor Extraction | FY 2011 |
| 3 | 200-ZP-1 | Pump and Treat | Accepted 1 on 9/24/2009; 2 on 7/30/2009 |
| 6 | 200-ZP-1 | Pump and Treat | Accepted 3/1/2010 |
| 11 | 200-ZP-1 | Pump and Treat | FY 2010/2011 |
| 8 | 200-ZP-1 | Pump and Treat | FY 2010/2011 |
| 15 | 300-FF-5 | Confirmatory/Treatability Test | Accepted FY 2009 5/5/2009 |
| 3 | 300-FF-5 | IFRC - Drilled three wells | Accepted FY 2010 |
| 10 | 300-FF-5 | IFRC - Drill up to 10 additional wells | FY 2011 |
| 2 | 618-10 | Dust Suppression Production Well in the 618-10 Area | FY 2010 |
| 367 | TOTAL | | |