

Meeting Minutes Transmittal/Approval  
Unit Managers' Meeting  
200 Area Groundwater and Source Operable Units  
1200 Jadwin Avenue, Richland, Washington  
April 16, 2006

---

APPROVAL: *Larry Romine* Date: 5/17/06  
Larry Romine, 200 Area Unit Manager, DOE/RL

APPROVAL: *Arlene Tortoso* Date: 5/16/06  
Arlene Tortoso, 200 Area Assistant Unit Manager, DOE/RL

APPROVAL: *Craig Cameron* Date: 5/15/06  
Craig Cameron, 200 Area Unit Manager, EPA

APPROVAL: *John B. Price* Date: 5/15/2006  
John Price, 200 Area Unit Manager, Ecology

RECEIVED  
JUN 08 2006

EDMC

Minutes of the 200 Area Unit Managers' Meeting of April 19, 2006 are attached.  
Minutes are comprised of the following:

Attachment 1	Agenda
Attachment 2	Attendance Record
Attachment 3	UMM & TPA Quarterly Review Schedule for CY06
Attachment 4	Groundwater Operable Units Status
Attachment 5	Groundwater Operable Units Status Figures
Attachment 6	Confined Aquifer Proposed Well Location in the 200-BP-5 OU (200-East Area)
Attachment 7	Unconfined Aquifer Proposed Well Location in the 200-BP-5 OU (600 Area)
Attachment 8	Proposed Locations of Five Test Boreholes and One Corehole Around the Waste Treatment Plant in the 200-PO-1 OU.
Attachment 9	BC Cribs Well Locations Identified for Pump Replacement
Attachment 10	Source Operable Units and Facilities Status
Attachment 11	PW-1/3/6 Wells to be Decommissioned in FY06
Attachment 12	TW-2 Wells to be Decommissioned in FY06
Attachment 13	PW -2 Wells to be Decommissioned in FY06
Attachment 14	LW 1/2 Wells to be Decommissioned in FY06
Attachment 15	216-Z-9 Trench Slant Borehole
Attachment 16	Agreements and Issues List
Attachment 17	Action Item List

# 200 AREA UNIT MANAGERS' MEETING AGENDA

1200 Jadwin/Rm B-1 (Basement)  
Wednesday, April 19, 2006

## GROUNDWATER OPERABLE UNITS STATUS (8:30-9:15)

- Action Items Review – 8:30-8:35
- Status Review – 8:35-9:15

## SOURCE OPERABLE UNITS AND FACILITIES STATUS (9:15-9:45)

- Action Items Review – 9:15-9:20
- Status Review – 9:20-9:45

## ISSUE RESOLUTION MEETING (10:00-11:30)

- (See Issues List)

### **General**

- Open for Regulatory Topics or Action Items
  - TPA Change Package Approvals

200 Area Unit Managers Status Meeting  
April 19, 2006

Please print clearly and use black ink

PRINTED NAME	ORGANIZATION	O.U. ROLE	TELEPHONE
Sonya Moore	FH-EP	M/S Mgr.	372-3320
Ross Piro	FH-TOP		373-3235
James William	FH-CP		372-3553
Shelley Chapman	OREGON		54 903 0853
Rod Lobos	EPA		
Jon Lindberg	PNNL	GW Mon.	376-5005
Gloria Cummins	FH	GW-EP	372-2494
Tenny Berlin	Duratek		373-0114 <del>376-2</del>
Arlene Tortosa	DOE-RL	200 Area GW	373-9631
DENNIS Fuller	EPA		
Larry Romine	DOE-RL	200 A	376-4747
John Winterhelder	FH-GRP	ECO	572-8144
Jean Vanni	ELY		372-7930
MARCO [unclear]	DOE-RL		376-8375
Mary Todd Robertson	FH-WSR	200 Area Waste Site Remediation	373-3920
FM Roddy	DOE/RL	AMCP	372-0945
H. W. Foley	DOE-RL	AMCP	376-7087



**200 AREA UNIT MANAGERS MEETING AND TPA QUARTERLY REVIEW SCHEDULE FOR CY06** - updated 4/15/06

(numbers are calendar dates in the columns of given months)

	January	February	March	April	May	June	July	August	September	October	November	December
Last UMM Meeting Day + 12 Send Out Minutes for RL & Reg Review Call Actionees on Action List					1 Rosemary Rosemary					3 Rosemary Rosemary		
Next UMM Meeting Day - 16 Provide TPA Presentation Updates				3 Note 4			3 Note 4			2 Note 4		
Next UMM Meeting Day - 14 Send Out TPA Presentation for RL Review				5 Rosemary			5 Rosemary			4 Rosemary		
Next UMM Meeting Day - 10 Send Out Request for Status Updates		6 Rosemary	6 Rosemary	9 Rosemary	8 Rosemary	5 Rosemary	9 Rosemary	7 Rosemary	11 Rosemary	8 Rosemary	6 Rosemary	11 Rosemary
Last UMM Meeting Day + 21 Return RL and Reg Comments on Minutes		9 Note 3	9 N/A	6 Note 3	10 Note 3	8 Note 3	6 Note 3	9 Note 3	7 Note 3	12 Note 3	8 Note 3	7 Note 3
Next UMM Meeting Day - 7 Send out Agenda & RSVP for Meeting Provide Status Updates Send Out TPA Presentation for Reg Review		9 Dee Note 4	9 Dee Note 4	12 Dee Note 4 Rosemary	11 Dee Note 4	8 Dee Note 4	12 Dee Note 4 Rosemary	10 Dee Note 4	14 Dee Note 4	11 Dee Note 4 Rosemary	9 Dee Note 4	14 Dee Note 4
Next UMM Meeting Day - 2 Finalize Status Updates, A&I List, Action List Send Out Minutes for Final Signatory Rvw		14 N/A Gloria	14 N/A N/A	17 Rosemary Rosemary	16 Rosemary Rosemary	13 Rosemary Rosemary	17 Rosemary Rosemary	15 Rosemary Rosemary	19 Rosemary Rosemary	16 Rosemary Rosemary	14 Rosemary Rosemary	19 Rosemary Rosemary
<b>UMM Meeting Day (3rd Thurs, except in TPA months is Wed before 3rd Thurs)</b> Provide Copies and Sign In Roster Facilitate Meeting Take Minutes & Collect Handouts, Roster Sign Hardcopy of Last Month's Minutes TPA Presentation Review & Comment	19 Dee Gloria Gloria Note 1 Gloria	16 N/A N/A N/A N/A	16 Dee Mary Note 5 Note 1	19 Dee Bruce Note 5 Note 1 Lanny	18 Dee Lanny Note 5 Note 1	15 Dee Mary Note 5 Note 1	19 Dee Bruce Note 5 Note 1 Lanny	17 Dee Lanny Note 5 Note 1	21 Dee Mary Note 5 Note 1	18 Dee Bruce Note 5 Note 1 Lanny	16 Dee Lanny Note 5 Note 1	21 Dee Mary Note 5 Note 1
UMM Meeting Day + 1 TPA Presentation Copies to Mtg Location				20 Dee			20 Dee			19 Dee		
UMM Meeting Day + 5 Distribute Last Month's Approved Minutes Send Out Action List Send Out Minutes for FH Review (Note 6)	24 Dee Gloria Gloria	21 N/A N/A N/A	21 Dee Rosemary Rosemary	24 Dee Rosemary Rosemary	23 Dee Rosemary Rosemary	20 Dee Rosemary Rosemary	24 Dee Rosemary Rosemary	22 Dee Rosemary Rosemary	26 Dee Rosemary Rosemary	23 Dee Rosemary Rosemary	21 Dee Rosemary Rosemary	26 Dee Rosemary Rosemary
UMM Meeting Day + 7 Return FH Comments on Minutes	26 Note 2	23 N/A	23 Note 2	26 Note 2	25 Note 2	22 Note 2	26 Note 2	24 Note 2	28 Note 2	25 Note 2	23 Note 2	28 Note 2
UMM Meeting Day + 12 (duplicate of 1st row) Send Out Minutes for RL & Reg Review Call Actionees on Action List	31 Gloria Gloria	28 N/A N/A	28 Rosemary Rosemary		30 Rosemary Rosemary	27 Rosemary Rosemary	31 Rosemary Rosemary	29 Rosemary Rosemary		30 Rosemary Rosemary	28 Rosemary Rosemary	
Next UMM Meeting Day - 21 Send Out Request for TPA Pres. Update			29 Rosemary			28 Rosemary			27 Rosemary			28 Rosemary

**Notes**

- 1 Larry Romine, Arlene Tortoso, Craig Cameron, John Price
- 2 Lanny Dusek, Mary Todd-Robertson, Bruce Ford, Jane Borghese, Jeannette Hyatt, Rob Plippo, Ron Brunke, Gloria Cummins
- 3 Larry Romine, Briant Charboneau, Arlene Tortoso, Craig Cameron, Dennis Faulk, John Price
- 4 Mark Benecke, Ken Allison, Mike Hickey, Lanny Dusek, Roy Bauer, Mary Todd, Virginia Rohay, Greg Berlin, Ann Shattuck, Tulanda Brown, Mark Byrnes, Gloria Cummins, John Winterhalder, Jane Borghese
- 5 Jeannette Hyatt / Rob Plippo / Ron Brunke
- 6 Attachments: 1 - Attendance Record, 2- Agenda, 3 - GW OU Status, 4 - GW OU Status Figures, 5 - Source OU & Facilities Status, 6 - Source OU and Facilities Figures, 7 - Agreements & Issues, 8 - Action Item List

## 200-UP-1, 200-ZP-1, AND 200-ZP-2 GROUNDWATER OPERABLE UNITS

April 19, 2006

### GROUNDWATER OPERABLE UNITS STATUS

#### 200-UP-1 OU

- Rebound Study:
  - Draft rebound study letter report has been completed.
  - Ecology asked that the March 30, 2006 meeting be moved to April. We are awaiting Ecology's preferred meeting date and time.
- RI/FS Work Plan:
  - Six 200-UP-1 wells (UP1, UP2, UP3, UP4, UP5, and UP11) have been installed in FY2006. The remaining six new 200-UP-1 wells are currently scheduled to be installed in FY2007.

#### 200-ZP-1 OU

- Remediation Treatment Status:
  - Between October 1, 2005 and April 2, 2006 the 200-ZP-1 pump-and-treat system average pumping rate was 197 gpm (Attachment 5, Figure 1).
  - This drop in the average pumping rate is due to the air flow meter going out March 11, 2006, which required the system to be run in manual mode during working hours only.
  - The air flow meter has now been replaced and all nine extraction wells are currently online pumping at approximately 325 gpm.
  - As noted last month, the Tc-99 concentrations in extraction wells 299-W15-765 and 299-W15-40 are climbing.
  - Ion exchange appears to be the preferred method for removing Tc-99 from 200-ZP-1 groundwater. A commercially available resin (A-530E) developed by Purolite is currently being evaluated. A treatability test using this resin was performed at the Paducah Gaseous Diffusion Plant in 1999 and showed promising results. Resin regeneration using tetrachloroferrate has shown promising results in laboratory scale. A white paper on the subject will be going out for review shortly.

- DNAPL Investigation Status:
  - FH design work for hooking up well 299-W15-6 to the 200-ZP-1 treatment system is complete. Contracts is currently sending the RFP out for bid.
  - Slant well at Z-9 borehole is currently approximately 122 feet below ground surface.
  - In May, Vista will be performing vertical sampling (using hydraulic hammer rig) by Z-9.
  
- New Well Status:
  - Currently scheduled to drill 3 new wells late this month and 3 new wells in FY2007 (if needed) to help define extent of deep CCL4 contamination detected in vicinity of Old Laundry Facility and T Plant.
  
- RI/FS Status:
  - RI Report Draft A is just out of editing and is going through the FH signature process. Our TPA milestone (M-015-48A) for delivering Draft A to EPA is May 31, 2006. I will be getting EPA early copies as soon as they come out of reproduction.
  - Regarding the 200-ZP-1 FS Report, we met with EPA Monday April 17 to provide status on the initial screening of remedial technologies, and to request guidance on the risk assessment. I will be sending out draft meeting minutes later this week for review.
  - We are currently preparing a draft HAB presentation on our proposed risk assessment approach.
  
- Tc-99 Investigation Status:
  - The draft DQO summary report is out for stakeholder review.
  - The Sampling and Analysis Plan is currently being prepared.

#### **200-PW-1 (200-ZP-2) OU**

- Soil Vapor Extraction System (SVE):
  - The active SVE system started up April 3, 2006 as scheduled. System went down April 11, 2006 for a few hours due to moisture buildup from the rain. It was restarted later that day.
  - I will report vapor extraction rates next month, as the data is not yet available.
  - We will be working closely with Vista Engineering to help them test the effectiveness of steam injection on enhancing the recovery of CCl4.
- The passive system remains operational.
- Monthly monitoring (Attachment 5, Figures 2 through 4)
  - Comparison of Maximum Carbon Tetrachloride Rebound Concentrations.
  - Monthly Carbon Tetrachloride Concentrations for monitoring wells update.
  - Soil Gas Vapor Concentrations at passive wells update.

## 200-BP-5 GROUNDWATER OPERABLE UNIT

April 19, 2006

### GROUNDWATER OPERABLE UNIT STATUS

#### DQO Report

- The draft DQO report is approximately 90% complete.
- Two review periods, internal and decision maker, have been completed. Comment incorporation of decision maker review is in process.
- The DQO is scheduled to be sent to the stakeholders for review May 8<sup>th</sup>. A DQO work shop will be scheduled for mid May, approximately a week after release of the DQO.
- The DQO has defined a phased approach to resolving uncertainty in the vadose zone and groundwater. The phased approach involves using geophysical technologies to define plume pathways of migration as follows.
  - High Resolution Resistivity (HRR) for the vadose zone: near areas of deep contamination apparently in contact with groundwater.
  - Seismic Reflection for groundwater contamination north of the 200 East Area where conceptual models have predicted a groundwater divide with lowering groundwater elevations.
  - An internal workshop has been setup to review this process concurrently with the DQO review by the stakeholders.
- Wells have been identified in the DQO for the following.
  - Three to five vadose zone ground truthing wells following review of (HRR) survey results. The HRR results will be used to confirm or change planned well placement. One or more of these wells could be turned into deep push wells within the BX or C Tank Farm. BY Tank Farm has been eliminated as a potential area for additional well placement due to large existing infrastructure within this farm.
  - Five wells have been identified to evaluate, characterize and delineate potential and known groundwater plumes.
  - Up to three wells have been identified to determine potential sources of intercommunication between the unconfined and confined aquifer (Attachments 6 and 7). One of these wells is planned this summer near 299-E33-12.
  - Three contingency wells have been identified. These wells may be determined to be necessary based on seismic reflection surveys completed to the north of the 200 East Area.

**Drilling SAP:** The drilling SAP for three of the groundwater wells described above is on schedule for internal review at the end of April. The SAP is planned for concurrent EPA and DOE review near the end of May. The drilling SAP will include the following scope in FY2006.

- Drill 3 new remedial investigation wells.
  - 1) A well to define the width of the uranium plume to the north of well 299-E33-26 and south of well 699-49-55.
  - 2) A well to define the concentration of technetium between well 699-49-57A and well 699-52-57.
  - 3) A well to define contamination in the Rattlesnake Ridge confined aquifer upgradient of well 299-E33-12.

**Work Plan:** Working on SOW for subcontracting Work Plan and SAP.

## 200-PO-1 GROUNDWATER OPERABLE UNIT

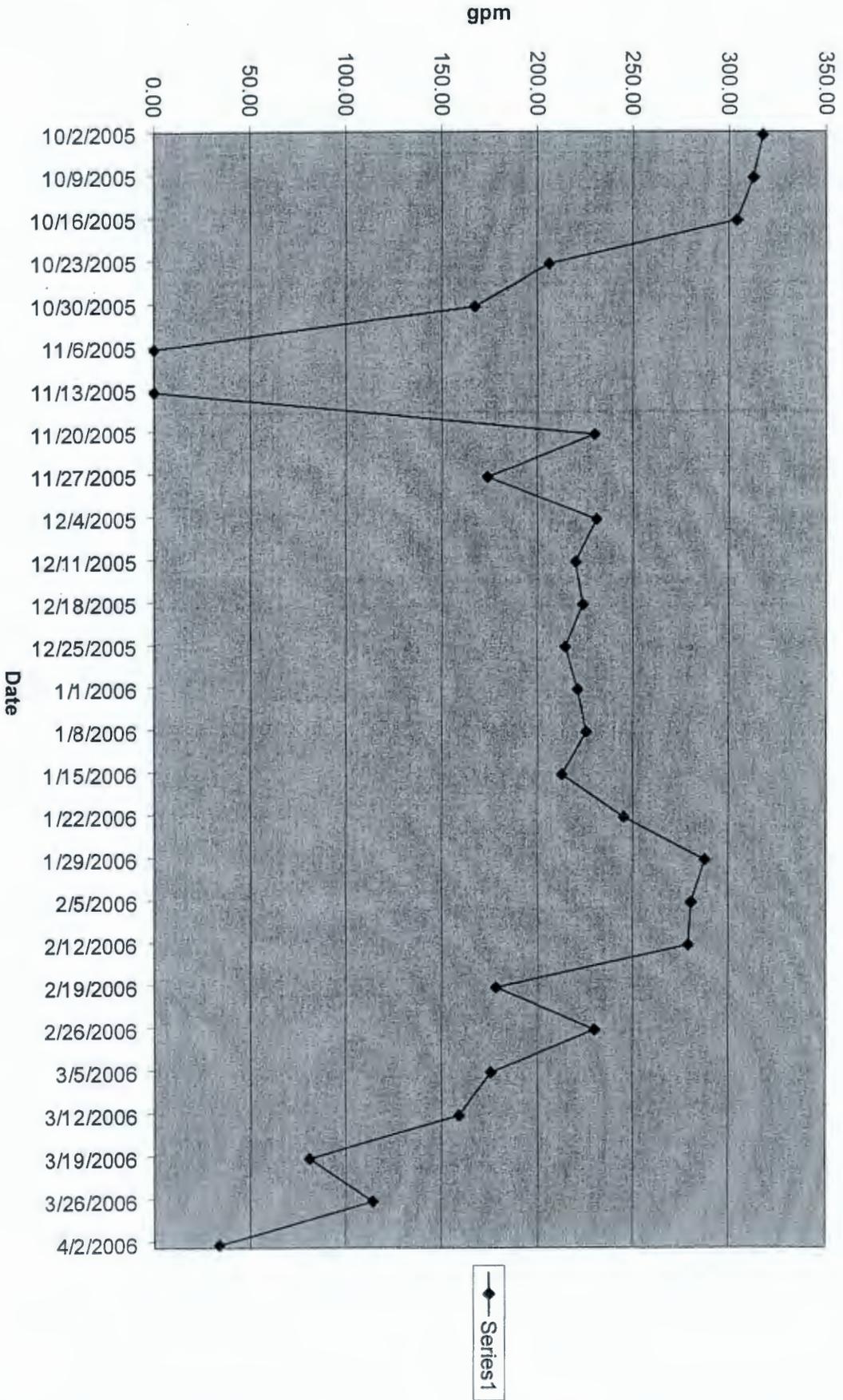
April 19, 2006

### GROUNDWATER OPERABLE UNIT STATUS

#### 200-PO-1 OU

- Regulatory Path Forward:
  - A tentative path forward is currently being negotiated as part of M-015-00 milestone discussions. A supplemental plan is being proposed for submittal by DOE to Ecology and EPA by June 30, 2007. A draft plan outline is expected by the regulators for June 30, 2006.
- SAP:
  - DOE-RL is currently implementing the approved 200-PO-1 SAP.
- DQO:
  - Began work to complete the DQO process for a 200-PO-1 Supplemental Investigation Plan effort.
- Wells:
  - Integrating with Waste Sites on planned 216-A-4 characterization well. Plan to complete proposed well as a groundwater monitoring well.
  - Integrating with ORP on planned wells at WTP. The WTP well drilling is planned to begin May 22, 2006. Three entry wells and one corehole are planned (Attachment 8).
  - Integrating with BC Cribs project to replace pumps at two wells in BC Cribs for sampling. The wells are 216-E13-9 and 216-E13-11 (Attachment 9).
- Science & Technology
  - A SOW has been prepared for High Resolution Reflection Seismic Pilot Study in 200 East Area.
  - Plans are being made to test an in-situ tritium sensor in the 216-E17-18 well adjacent to 216-A-36B Crib south of PUREX.

200-ZP-1 Pump-And-Treat Performance



**Figure 2**  
 Comparison of Maximum Carbon Tetrachloride Rebound Concentrations  
 Monitored at 200-PW-1 Soil Vapor Extraction Sites  
 FY 2002 - FY 2006

200-PW-1 (200-ZP-2)		July 2002 - September 2003		July 2002 (Z-9) or October 2003 (Z-1A) - March 2004		July 2002 (Z-9) or April 2004 (Z-1A) - September 2004		October 2004 - June 2005		July 2005 - March 2006	
Location (Well or Probe) /feet bgs	Site	Maximum Rebound Carbon Tetrachloride (ppmv)	months* of rebound	Maximum Rebound Carbon Tetrachloride (ppmv)	months* of rebound	Maximum Rebound Carbon Tetrachloride (ppmv)	months* of rebound	Maximum Rebound Carbon Tetrachloride (ppmv)	months* of rebound	Maximum Rebound Carbon Tetrachloride (ppmv)	months* of rebound
79-03/ 5 ft	Z-18										
79-06/ 5 ft	Z-1A										
79-11/ 5 ft	Z-1A										
86-05/ 5 ft	Z-9										
86-05-01/ 5 ft	Z-9										
86-06/ 5 ft	Z-9										
87-05/ 5 ft	Z-1A										
87-09/ 5 ft	Z-1A										
94-02/ 5 ft	Z-9										
95-11/ 5 ft	Z-9										
95-12/ 5 ft	Z-9										
95-14/ 5 ft	Z-9										
CPT-13A/ 9 ft	Z-1A										
CPT-16/ 10 ft	Z-9										
CPT-17/ 10 ft	Z-9	6.6	15	9.0	21	9.9	27	11.4	5	2.5	9
CPT-18/ 15 ft	Z-9	2.4	15	2.4	21	2.5	27	3.1	5	0	9
CPT-4A/ 25 ft	Z-1A										
CPT-4E/ 25 ft	Z-1A	1.3	0			2.4	0	2.4	9	1.5	0
CPT-16/ 25 ft	Z-9	2	15	2.8	21	3.6	27	4.4	5	1.6	9
CPT-31/ 25 ft	Z-12										
CPT-32/ 25 ft	Z-1A	8.3	6	6	6			8.6	9		
CPT-30/ 28 ft	Z-18	0	6	0	6			1.6	9	1.2	6
CPT-13A/ 30 ft	Z-1A	1.6	6	2	6	1.9	0	8.3	9	4.1	6
CPT-7A/ 32 ft	Z-1A	3.9	6	9.5	6	1.9	0	4.4	9	3.8	6
CPT-27/ 33 ft	Z-9	1.7	15	2.7	21	2.7	27	8.4	5	1.8	9
CPT-1A/ 35 ft	Z-12	22.0	15	18.3	6	18.0	0	14.0	9	17.2	6
CPT-28/ 40 ft	Z-9							5.4	0		
CPT-33/ 40 ft	Z-18							3.9	9		
CPT-34/ 40 ft	Z-18	1.6	0			1.8	0	3.0	9	2.0	6
CPT-21A/ 45 ft	Z-9							7.9	0		
W15-220SST/ 52 ft	Z-9	1.5	1								
CPT-9A/ 60 ft	Z-9	35.9	15	35.9	21	35.9	27	32.4	5	29.2	9
CPT-28/ 60 ft	Z-9							68.3	0		
CPT-C3872 / 61 ft	Z-1A							15.5	9	9.9	6
CPT-16/ 65 ft	Z-9	4.2	15			4.2	27	6.7	5	5.5	3
CPT-21A/ 65 ft	Z-9	90.0	15	150	21	150	27	170	0	187	9
CPT-1A/ 68 ft	Z-12							13.7	9		
CPT-30/ 68 ft	Z-18										
CPT-13A/ 70 ft	Z-1A										
CPT-24/ 70 ft	Z-9	4.7	15			9.1	27			3.9	3
CPT-32/ 70 ft	Z-1A							5	9		
W15-219SST/ 70 ft	Z-9	1.9	1			5.7	22				
CPT-4A/ 75 ft	Z-1A										
CPT-18/ 75 ft	Z-9	4.5	15			8.3	27			0	3
CPT-31/ 76 ft	Z-12										
CPT-33/ 80 ft	Z-18										
W15-82/ 83 ft	Z-9	85.8	15	85.8	21	85.8	27	95.8	5	8.1	9
CPT-21A/ 86 ft	Z-9	206	15	244	21	244	27	209	5	223	9
CPT-34/ 86 ft	Z-18										
W15-95L/ 86 ft	Z-9										
W15-218SST/ 86 ft	Z-9	1.6	2								
CPT-28/ 87 ft	Z-9	235	15	258	21	258	27	246	5	245	9
CPT-4B/ 90 ft	Z-1A										
CPT-1A/ 91 ft	Z-12										
CPT-4A/ 91 ft	Z-1A										
CPT-9A/ 91 ft	Z-9										
W15-85/ 91 ft	Z-9										
W18-252SST/ 100	Z-1A										
W18-152/ 101 ft	Z-12	20.7	6	12.4	6			16.0	9	16.2	6
W15-8U/ 103 ft	Z-9									10.4	9
CPT-4E/ 103 ft	Z-1A										
W18-167/ 106 ft	Z-1A	243	6	266	6			196.0	9	174	6
CPT-4F/ 109 ft	Z-1A							11.9	9		
W18-165/ 109 ft	Z-1A	328	6	205	6			35.2	9	394	6
W15-217/ 114 ft	Z-9	444	15	458	21	467	27	374	5	19.7	9
CPT-24/ 118 ft	Z-9	27.8	15			15.3	27			23.9	3
W15-220SST/ 118	Z-9	27.5	3			26.0	27			25.2	3
W18-158L/ 120 ft	Z-1A										
W15-219SST/ 130	Z-9	23.1	1			0	22				
W18-249/ 130 ft	Z-18	46.3	6	41.0	6			64.9	9	24.1	6
W18-248/ 131 ft	Z-1A	182	6	180	6			249	9	67.0	6
W15-95L/ 144 ft	Z-9	25.1	15	40.3	21	40.3	27	26.7	5	22.6	9
W15-218SST/ 155	Z-9	6.8	1			9.5	22				
W15-220L/ 163 ft	Z-9	---	15			8	27			13.2	3
W15-219L/ 175 ft	Z-9	---	15			23	27			1.9	3
W15-9L/ 176 ft	Z-9	13.1	15	13.1	21	13.1	27	2.1	5	5.4	9
W15-84L/ 180 ft	Z-9	25.9	15	25.9	21	25.9	27	23.0	5		
W15-6L/ 182 ft	Z-9										
W15-220SST/ 185	Z-9	---	1								
W18-7/ 197 ft	Z-1A										
W18-12/ 198 ft	Z-18										
W18-6L/ 208 ft	Z-1A										
W15-48/ 217 ft	Z-9									4.7	9

\* - based on location (Z-1A/18/12 or Z-9) of monitoring point; specific points may be beyond SVE zone of influence during particular operating configurations

- Z-18 and Z-12 wells off-line Oct 98 - Apr 98

- CPT-1A, CPT-9A, and possibly CPT-7A appeared to be beyond SVE zone of influence in Oct 98 based on differential pressure (BHI-01105, p. 6-1)

- CPT-9A, CPT-21A, CPT-28 beyond SVE zone of influence in May 98 based on CCl4 concentrations and airflow modeling based on measured vacuums (BHI-01105, p. 6-1)

Carbon Tetrachloride Rebound Concentrations  
Monitored at 200-PW-1 Soil Vapor Extraction Sites  
October 2005 - March 2006

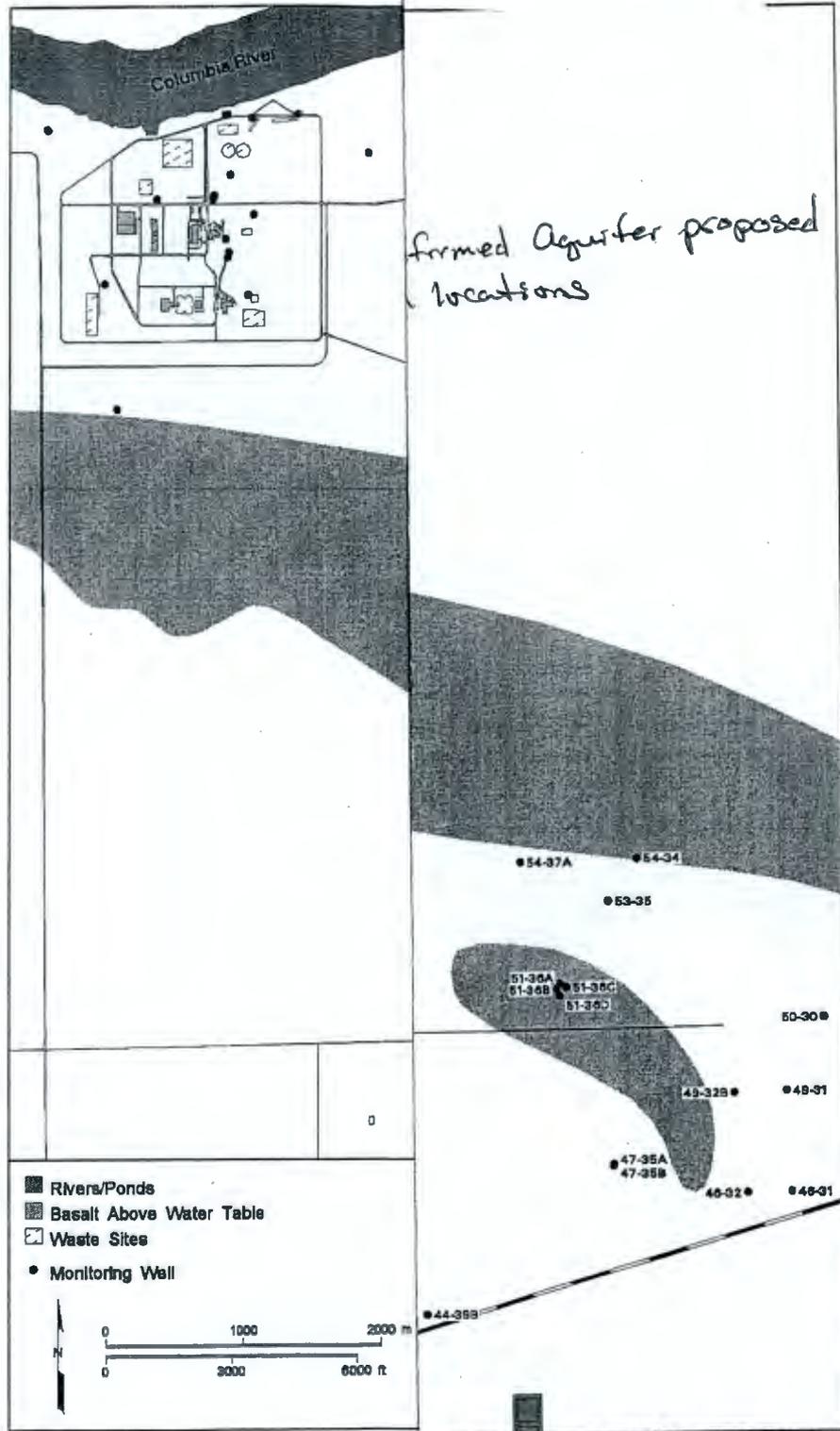
200-PW-1 (200-ZP-2)		10/25/2005	11/01/2005	11/28/2005	12/20/2005	01/26/2006	02/23/2006	03/28/2006				
Location (Well or Probe) /feet bgs	Site	CCl4 (ppmv)										
CPT-17/ 10 ft	Z-9	---(n)	1.4	1.2	1.2	1.3	1.5	1.7				
CPT-18/ 15 ft	Z-9	0		0	0	0	0	0				
CPT-4E/ 25 ft	Z-1A											
CPT-16/ 25 ft	Z-9	1.6		1.2	1.4	1.1	1.1	1.1				
CPT-32/ 25 ft	Z-1A			1.1	3.4	4.0	4.8	6.4				
CPT-30/ 28 ft	Z-1A	1.2		0	1.1	0	0	0				
CPT-13A/ 30 ft	Z-1A	3.6		4.1	3.9	3.6	3.5	3.3				
CPT-7A/ 32 ft	Z-1A	2.3		2.7	2.2	2.8	3.3	3.8				
CPT-27/ 33 ft	Z-9	1.8		0	0	0	0	0				
CPT-1A/ 35 ft	Z-12	17.2		9.1	3.6	7.7	6.0	7.4				
CPT-28/ 40 ft	Z-9											
CPT-33/ 40 ft	Z-18											
CPT-34/ 40 ft	Z-18	1.8										
CPT-21A/ 45 ft	Z-9											
CPT-9A/ 50 ft	Z-9	52.8		50.9	50.6	48.1	50.4	46.1				
CPT-9A/ 60 ft	Z-9	25.5		21.2	18.6	17.4	11.4	16.0				
CPT-28/ 60 ft	Z-9											
CPT-C3872 / 61 ft	Z-1A	4.0		4.3	3.7	5.1	6.3	9.9				
CPT-9A/ 64 ft	Z-9	38.6		36.9	36.9	33.4	36.2	36.6				
CPT-16/ 65 ft	Z-9											
CPT-21A/ 65 ft	Z-9	151		137	140	139	146	145				
CPT-1A/ 68 ft	Z-12											
CPT-24/ 70 ft	Z-9											
CPT-32/ 70 ft	Z-1A											
W15-219SST/ 70 ft	Z-9											
CPT-18/ 75 ft	Z-9											
W15-82/ 83 ft	Z-9	8.1		1.4	---(m)	---(m)	---(m)	---(m)				
CPT-21A/ 86 ft	Z-9	208		196	---(p)	186	194	201				
CPT-28/ 87 ft	Z-9	241		219	224	213	226	217				
W18-152/ 101 ft	Z-12	12.7		14.2	14.5	15.4	15.2	16.2				
W15-8U/ 103 ft	Z-9	10.4		2.6	5.1	3.1	4.5	1.3				
W18-167/ 106 ft	Z-1A	63.1		174	---(m)	---(m)	---(m)	---(m)				
CPT-4F/ 109 ft	Z-1A											
W18-165/ 109 ft	Z-1A	65.1		394	220	181	160	164				
W15-217/ 114 ft	Z-9	16.1		1.7	8.4	11.5	19.7	12.1				
CPT-24/ 118 ft	Z-9											
W15-220SST/ 118 ft	Z-9											
W18-249/ 130 ft	Z-18	22.5		22.0	12.2	12.4	17.1	24.1				
W15-219SST/ 130 ft	Z-9											
W18-248/ 131 ft	Z-1A	67.0		23.1	---(m)	---(m)	---(m)	---(m)				
W15-95L/ 144 ft	Z-9	15.8		16.7	19.0	19.9	22.6	20.6				
W15-219SST/ 155 ft	Z-9											
W15-220L/ 163 ft	Z-9											
W15-219L/ 175 ft	Z-9											
W15-9L/ 176 ft	Z-9	4.0		0	0	4.0	5.4	3.5				
W15-84L/ 180 ft	Z-9											
W15-48/ 217 ft	Z-9	3.0	---(o)	0	0	4.7	---(p)	2.1				
(m) Unable to sample; well in use by Vista Engineering												
(n) Unable to sample; aboveground tubing needs to be repaired. Repaired and sampled on 11/1/2005.												
(o) On 10/25/05, well 299-W15-48 sampled at a depth of approximately 172 ft. E-tape could only be advanced to a depth of 173 ft.												
(p) Unable to pull representative sample.												

Carbon Tetrachloride Concentrations  
 Monitored at 200-PW-1 Passive Soil Vapor Extraction Wells  
 October 2005 - March 2006

200-PW-1 (200-ZP-2)	10/19/2005	11/23/2005	12/15/2005	1/27/2006	2/28/2006	3/27/2006
Location (Well or Probe) /feet bgs	CCl4 (ppmv)	CCl4 (ppmv)	CCl4 (ppmv)	CCl4 (ppmv)	CCl4 (ppmv)	CCl4 (ppmv)
W18-6L/ 208 ft	19.8	---(b)	---(b)	---(b)	---(b)	---(b)
W18-7/ 197 ft	0	9.2	11.7	15.8	16.2	15.3
W18-10L/ 183 ft	8.4	11.6	4.0	12.1	13.0	3.9
W18-11L/ 199 ft	0	5.9	0	7.6	9.0	0
W18-12/ 198 ft	0	1.6	0	4.9	9.4	1.3
W18-246L/ 170 ft	13.0	---(b)	---(b)	---(b)	---(b)	---(b)
W18-247L/ 167 ft	0	0	2.4	5.1	7.6	0
W18-252L/ 175 ft	0	---(b)	---(b)	---(b)	---(b)	---(b)
(b) in use by Vista Engineering for cross-well seismic investigation						

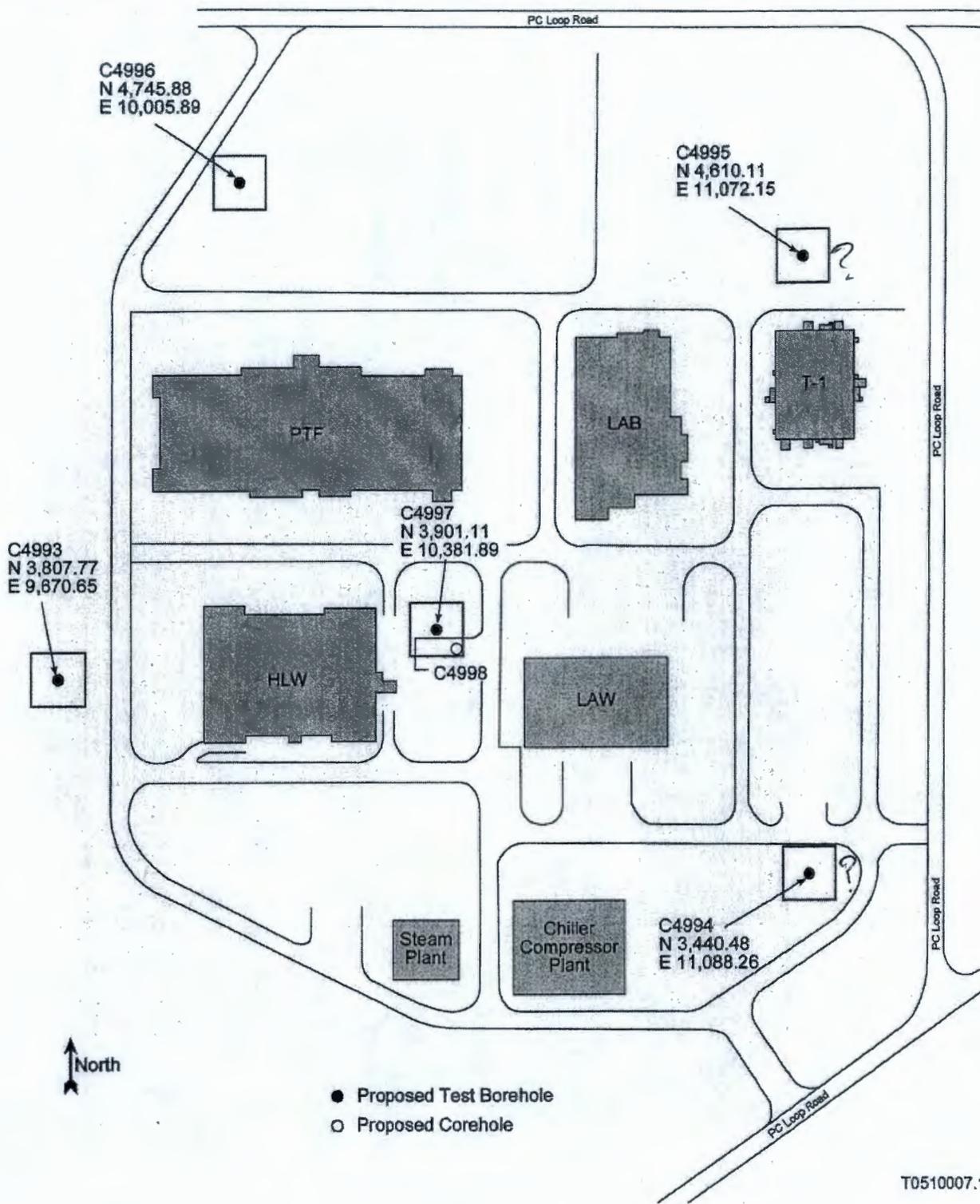


# Attachment 7.



Attachment 8

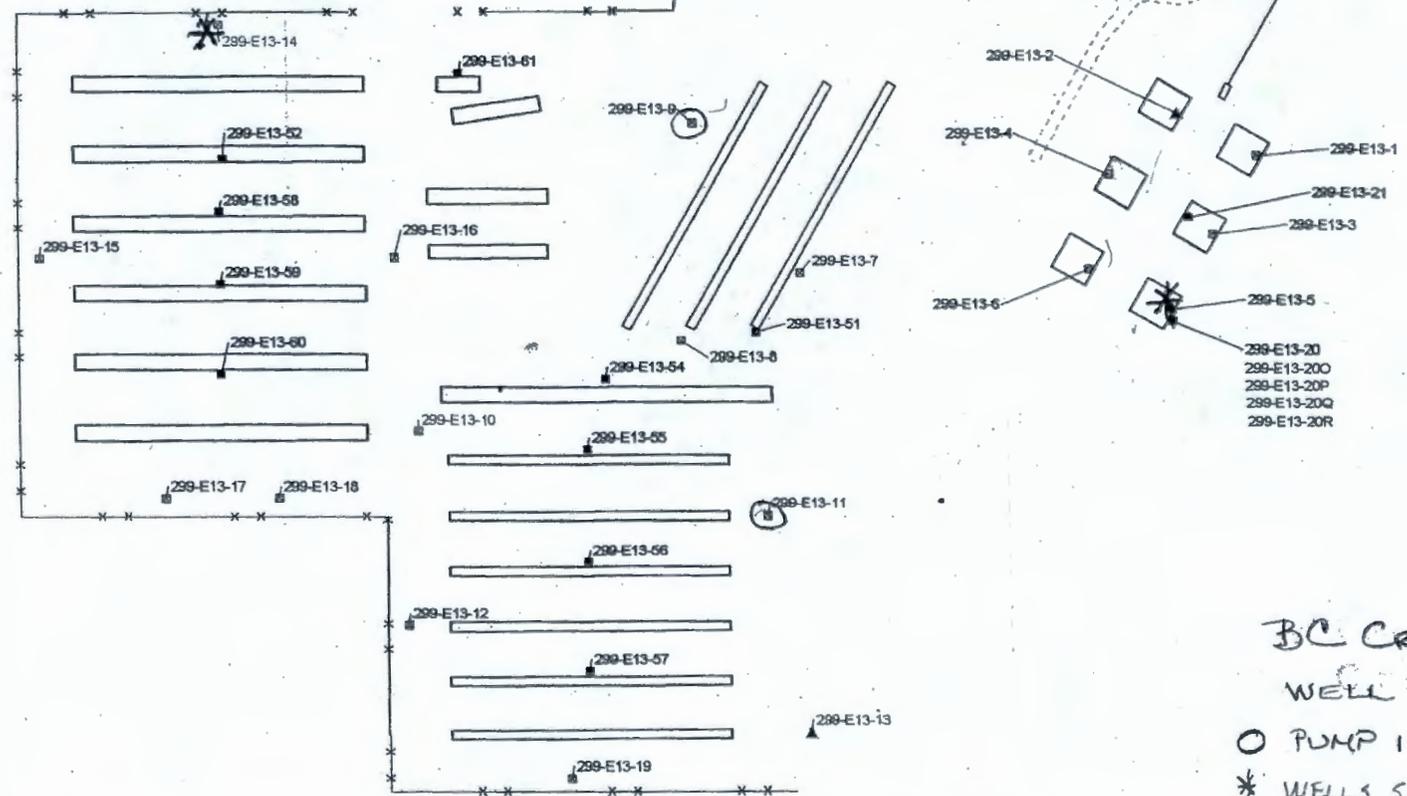
Figure 2. Proposed Location of Five Test Boreholes and One Corehole. (Not to scale.)



? Indicates proposed wells that in current thinking may not be drilled.

AMES STREET

12N 26E SEC 10



BC CRIBS  
 WELL LOCATIONS  
 ○ PUMP INSTALLATIONS  
 \* WELLS SAMPLED 2X PER YEAR

573,000

573,500

## **200 AREA UNIT MANAGERS' MEETING SOURCE OPERABLE UNITS AND FACILITIES STATUS**

### **SOURCE OPERABLE UNITS STATUS**

#### **M-15 TPA Milestones**

- Technical discussions of milestones began the week of February 13, 2006.

#### **200-PW-1, 200-PW-3, & 200-PW-6**

- Drilling of the 216-Z-9 slant borehole started February 14, 2006 (Attachment 15). Contamination was encountered around 48 feet downhole, as anticipated. Drilling continues under an RWP. On April 13, 2006, the drill casing was at a depth of 118 feet downhole.
- Comments have been incorporated into the draft field summary report for A-8 borehole and the document is being finalized.
- Work is progressing on the 200-PW-1/3/6 RI Report. The report is on schedule to meet the October 31, 2006 TPA milestone date.
- Vista Engineering completed a cross-well seismic investigation in the 216-Z-1A area on 3/8/06. The results will be used to refine the stratigraphy under the waste site to support evaluation of contaminant migration pathways. The interpretation and final report are anticipated in mid-May.
- Vista Engineering drilled a well 190 ft deep at the headend of Z-1A to support the cross-well seismic test. The well will be geophysically logged before it is completed as an SVE well.
- PFP conducted the load test of the 216-Z-9 concrete cover slab on 3/03/06. Based on the results of the load test, Vista Engineering will be able to gain access to the 216-Z-9 trench to make measurements in the air space between the concrete cover slab and the trench floor to support the conceptual model of carbon tetrachloride evaporation during disposal. Vista plans to install the instrument tree in the air space this spring.
- The interpretation and final report of the cross-well seismic investigation at Z-9 are anticipated by the end of April.
- Waste Control Plan well decommissioning list was updated (Attachment 11).

#### **200-TW-2 & 200-PW-5**

- Waste Control Plan well decommissioning list was updated (Attachment 12).

#### **200-CW-1 & 200-CW-3 (no change)**

#### **200-PW-2 & 200-PW-4**

- The Decisional Draft FS and Proposed Plan were delivered to RL for review on March 9, 2006. Draft closure plans were also provided for review. Comments have been received; responses are being reviewed by RL.
- Waste Control Plan well decommissioning list was updated (Attachment 13).

### **200-CS-1**

- FS Draft A submitted to Ecology on March 30, 2006.
- PP Draft A submitted to Ecology on March 30, 2006.
- Closure Plans Draft A submitted to Ecology on March 30, 2006.

### **200-CW-5, CW-2, CW-4, & SC-1**

- Researching discrepancies between the September 1974 Battelle document and the RI data at U-Pond.

### **Ecological Risk Assessment**

- Meeting held with Tri-Party Agencies and Trustees on 4/12 to review the draft Phase III Eco SAP. Comments received. SAP is being revised for issuance and approval by Tri-Party decision makers. John Price of Ecology provided an approval to Larry Romine of RL dated April 18, 2006, contingent on incorporation of the comments also provided in the letter.

### **200-IS-1 & 200-ST-1**

- Working on detailed contaminant lists.

### **200-LW-1/200-LW-2**

- Ecology requested an extension on the review of RI Report, until May 31, 2006.
- Efforts continued on preparation of FS.
- Waste Control Plan well decommissioning list was updated (Attachment 14).

### **200-MW-1**

- RI Report is on schedule to support the 4/30/2006 TPA Milestone date.

### **200-UR-1 (no change)**

### **200-SW-1/2**

- Historical records research for the 22 Bin 3A and Bin 3B waste sites continues. Records have been assembled for each burial ground, and (where possible) on per trench and per waste package basis.
- The best, currently-available data (including over 145,000 burial records) are being used to support a mini-DQO process for non-intrusive investigations. These data have been converted from multiple spreadsheets to an ACCESS database.
- DQO workshops addressing non-intrusive characterization for the Bin 3A and Bin 3B sites are nearly complete.
  - A preliminary draft version of the DQO summary report has been submitted to

DOE and Ecology for review. Comments have been received from DOE and Ecology and incorporated in a final draft version of the document. The final draft version was resubmitted to DOE and Ecology for review and comments.

- Development of a corresponding Sampling and Analysis Instruction document is underway and should be shared with DOE and Ecology for review and comment by mid-April. Collaborative DQO workshops have included participants from FH, DOE-RL, Ecology, and EPA.

### **BC Cribs and Trenches**

- Letter from RL to EPA in December offered potential to excavate near-surface contamination under some conditions. Supporting efforts to resolve discrepancies in the remedial actions at BC Cribs include:
  - Status was presented to the HAB on 1/11/06. Path-forward is being developed.
  - Development of excavation criteria is proceeding with focus on “hot spots” representing potential intruder risk.
  - Recent meeting on 3/3/2006 provided additional clarification of EPA’s position.
  - Development of RL position is in progress.

### **200-UW-1**

- Field work per the Time Critical Removal Action (TCRA) RAWP continues. 200-W-42 pipeline from the south end of 216-U-8 to 216-U-12 crib has been removed. Sampling of this excavation has been completed. Results are being analyzed and a Backfill Concurrence request is being drafted.
- Excavation north of 216-U-8 is done and samples taken on 4/11/06.
- TCRA has been updated to include the remainder of 200-W-42 pipeline except under caps or 16<sup>th</sup> Street. Construction documentation to support this new work is in process with excavation initiation expected in April.
- Final Draft ROD and responsiveness summaries were sent to EPA and RL legal on 4/5/06 for review. ROD approval is currently scheduled for 5/8/06; however, EPA legal comments have not yet been received as of April 18, 2006.
- Delay of ROD caused a shift of priorities from the barrier installation to the removal of the W-42 pipeline. Barrier construction is being deferred until FY2007.
- Responsiveness summaries for TPA Change Request for reclassifying Crib 216-U-12 to a RCRA Past Practice (RPP) unit are in process. Change is expected to be approved before ROD is approved.
- Barrier design for 200-U-12 will be a simple soil cover with limited instrumentation. Proposed design was presented to the tri-parties and consensus obtained
- Review comments on 90% Barrier Design and RDR/RAWP are being incorporated.
- PRGs/RAGs for 200-UW-1 need to be finalized. Modeling methodology and input parameters were presented to both EPA and Ecology. Awaiting input from Ecology on parameter inputs prior to remodeling. Once modeling is complete, the results will be analyzed and presented to stakeholders.

- Haul Road construction into Area C borrow area (paved road and barricade inspection station) is complete with the exception of signage and final paperwork close-out. Completion expected the week of 4/17/06.

## **FACILITIES STATUS**

- **U Plant Canyon Disposal Initiative (CDI)**

Continued development of Remedial Design Engineering Alternatives Studies

- Canyon reactivation study (crane, HVAC, and electrical/lighting) (May)
- Equipment size reduction/cell space optimization study (July)
- Canyon demolition study (July)

Continued development of Remedial Action Work Plan (RDR/RAWP). The CDI Record of Decision (ROD) received an EPA National ROD of the Year Award and Craig Cameron is in D.C. today receiving the award.

- **Facility Binning (no change)**

- **Miscellaneous Facility D&D**

Planning to D&D five structures (2707E, 2713E, 2715E, 2719E and 2722E) that do not have active utilities and have already undergone initial demolition preparation activities. This effort provides fill-in work and a skills-sharpening opportunity for workers that are awaiting demolition work at PFP's 232-Z structure as its start has been delayed. Work is underway on 2713E.

Completed demolition of MO-304, a mobile office that was damaged by fire in January.

- **B-Plant Stack Downgrade to Minor Emission Status (no change)**

- **PUREX Stack Downgrade to Minor Emission Status (no change)**

- **209E, B-Plant, U-Plant, PUREX and REDOX Ventilation Transition to Intermittent Ventilation (no change)**

## ATTACHMENT 6

## List of 200-PW-1, 200-PW-3, and 200-PW-6 Wells to be Decommissioned in FY2006

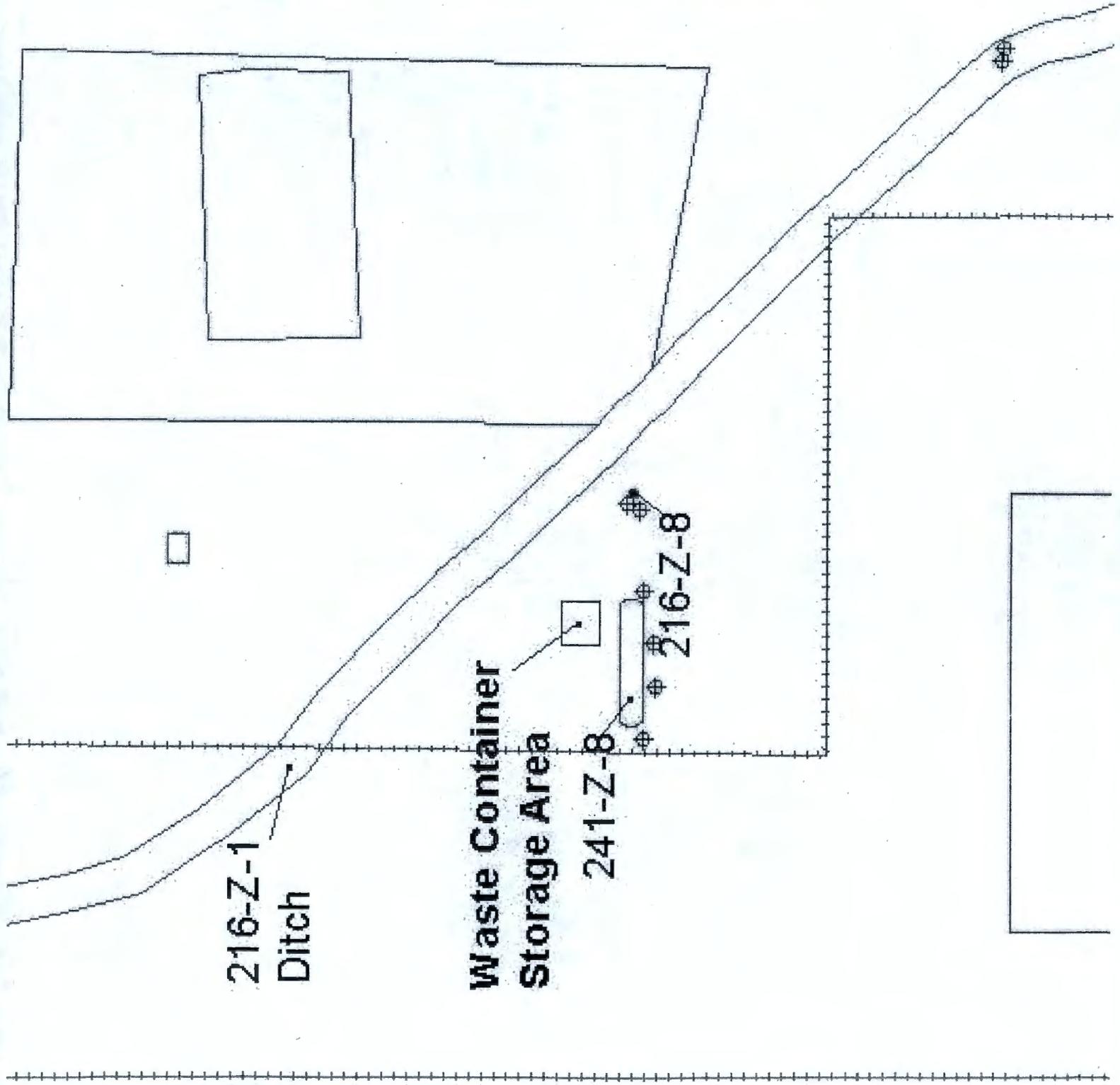
(This list will be updated as wells are identified for decommissioning, and will be provided at the 200 Area Unit Manager's Meeting and included in the UMM minutes)

- Shading indicates wells added for this change.

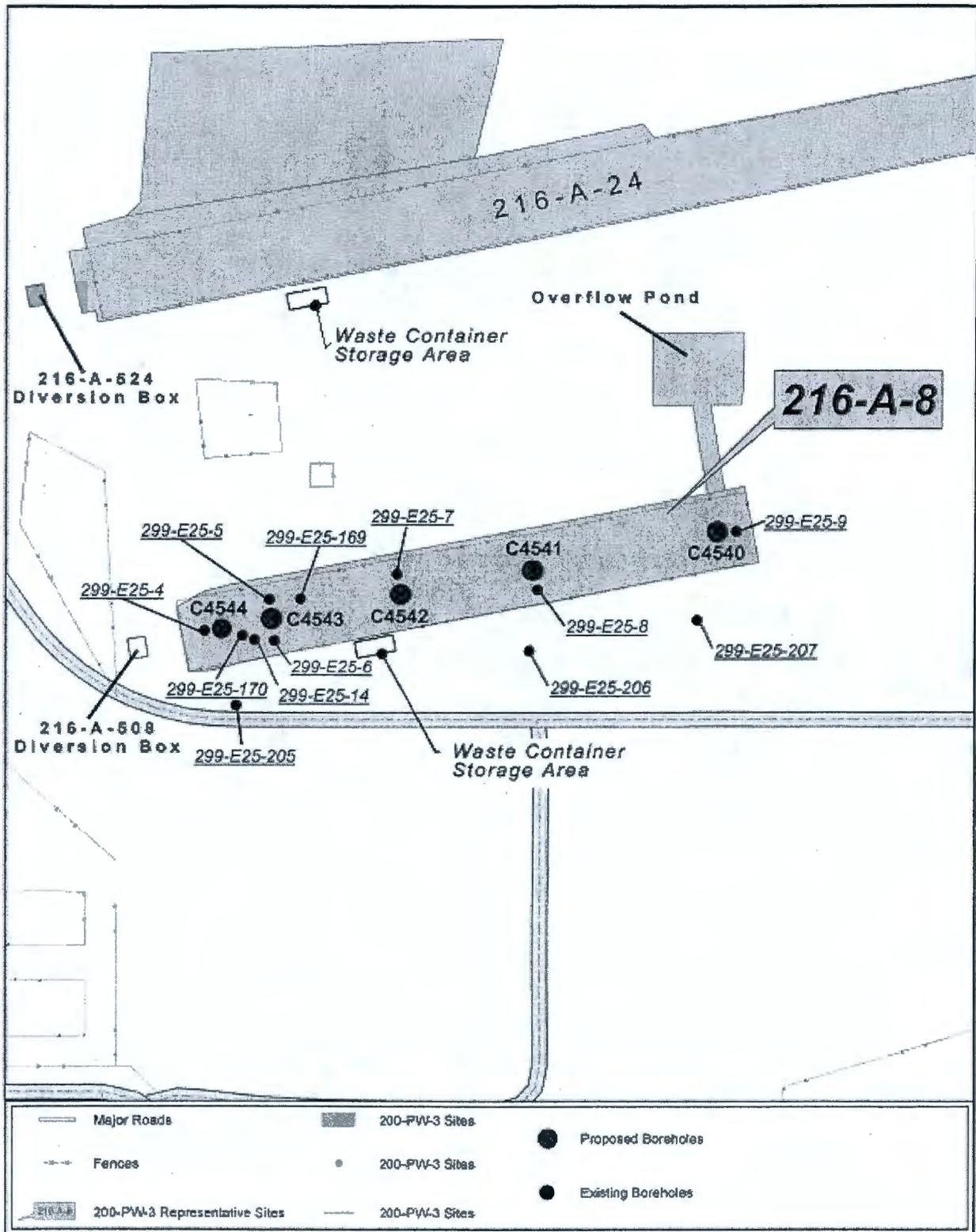
Area	Operable Unit	Waste Site Code	Site Type	Hanford Well Name	Hanford Well ID
200W	200-PW-1	Vadose Zone Vapor Carbon Tetrachloride Plume	Crib	299-W15-102	A7401
200W	200-PW-1	216-Z-12	Crib	299-W18-8	A7525
200W	200-PW-6	216-Z-10	Crib	299-W15-51	A7352
200W	200-PW-6	216-Z-5	Crib	299-W15-53	A7354
200W	200-PW-6	216-Z-5	Crib	299-W15-54	A7355
200W	200-PW-6	216-Z-5	Crib	299-W15-55	A7356
200W	200-PW-6	216-Z-5	Crib	299-W15-56	A7357
200W	200-PW-6	216-Z-5	Crib	299-W15-57	A7358
200W	200-PW-6	216-Z-10	Crib	299-W15-59	A7360
200W	200-PW-6	216-Z-10	Crib	299-W15-60	A7361
200W	200-PW-6	216-Z-10	Crib	299-W15-61	A7362
200W	200-PW-6	241-Z-8	Settling Tank	299-W15-198	A7496
200W	200-PW-6	241-Z-8	Settling Tank	299-W15-199	A7497
200W	200-PW-6	241-Z-8	Settling Tank	299-W15-200	A7498
200W	200-PW-6	241-Z-8	Settling Tank	299-W15-201	A7499
200W	200-PW-1	216-Z-1D	Ditch	299-W15-203	A7501
200W	200-PW-1	216-Z-1D	Ditch	299-W15-206	A7504
200W	200-PW-6	216-Z-8	Crib	299-W15-214	A7512
200W	200-PW-6	216-Z-8	Crib	299-W15-215	A7513
200E	200-PW-3	216-A-2	Crib	299-E24-53	A5910
200E	200-PW-3	216-A-24	Crib	299-E26-51	A6644
200E	200-PW-3	216-A-24	Crib	299-E26-52	A6645
200E	200-PW-3	216-A-24	Crib	299-E26-53	A6646
200E	200-PW-3	216-A-24	Crib	299-E26-54	A6647
200E	200-PW-3	216-A-2	Crib	299-E26-55	A6648
200E	200-PW-3	216-A-24	Crib	299-E26-56	A6649
200E	200-PW-3	216-A-24	Crib	299-E26-57	A6650
200E	200-PW-3	216-A-24	Crib	299-E26-58	A6651
200E	200-PW-3	216-A-24	Crib	299-E26-59	A6652
200E	200-PW-3	216-A-2	Crib	299-E26-60	A6653
200E	200-PW-3	216-A-24	Crib	299-E26-61	A6654
200E	200-PW-3	216-A-24	Crib	299-E26-62	A6655
200E	200-PW-3	216-A-24	Crib	299-E26-63	A6656
200E	200-PW-3	216-A-24	Crib	299-E26-64	A6657
200E	200-PW-3	216-A-2	Crib	299-E26-66	A6659
200E	200-PW-3	216-A-24	Crib	299-E26-68	A6661
200E	200-PW-3	216-A-24	Crib	299-E26-69	A6662
200E	200-PW-3	216-A-24	Crib	299-E26-71	A6664
200E	200-PW-3	216-A-24	Crib	299-E26-72	A6665
200E	200-PW-3	216-A-24	Crib	299-E26-73	A6666
200E	200-PW-3	216-A-24	Crib	299-E26-74	A6667
200E	200-PW-3	216-A-24	Crib	299-E26-75	A6668
200E	200-PW-3	216-A-24	Crib	299-E26-76	A6669

Note: Well decommissioning waste will be managed as described in Section 1.4 of this WCP at Waste Container Storage Areas located immediately adjacent to 241-Z-8 in West Area and 216-A-24 in East Area (WCSA figures accompany this change).

Figure Showing Approximate Location of Waste Container Storage Area for Well Decommissioning Near 241-Z-8, 216-Z-8, and the 216-Z-1A Ditch



Revised Figure 5. Waste Container Storage Area Well Decommissioning at 216-A-24



Supplement to: D&D-25140, *Waste Control Plan for the 200-TW-2 Operable Unit***Table 3. List of 200-TW-2 Wells to be Decommissioned in FY 2005 and FY 2006**

(This list will be updated as wells are identified for decommissioning, and will be provided at the 200 Area Unit Manager's Meeting and included in the UMM minutes)

- Shading indicates wells added for this change.

Area	Operable Unit	Waste Site Code	Site Type	Hanford Well Name	Hanford Well ID
200 E	200-TW-2	216-B-8	Crib	299-E33-71	A6879
200 E	200-TW-2	216-T-22	Trench	299-W15-81	A7382
200 W	200-TW-2	216-T-6	Crib	299-W11-54	A7296
200 W	200-TW-2	216-T-6	Crib	299-W11-55	A7297
200 W	200-TW-2	216-T-6	Crib	299-W11-56	A7298
200 W	200-TW-2	216-T-6	Crib	299-W11-57	A7299
200 W	200-TW-2	216-T-6	Crib	299-W11-58	A7300
200 W	200-TW-2	216-T-6	Crib	299-W11-59	A7301
200 W	200-TW-2	216-T-6	Crib	299-W11-60	A7302
200 W	200-TW-2	216-T-6	Crib	299-W11-61	A7303
200 W	200-TW-2	216-T-6	Crib	299-W11-62	A7304
200 W	200-TW-2	216-T-6	Crib	299-W11-63	A7305
200 W	200-TW-2	216-T-6	Crib	299-W11-64	A7306
200 W	200-TW-2	216-T-6	Crib	299-W11-65	A7307
200 W	200-TW-2	216-T-6	Crib	299-W11-66	A7308
200 W	200-TW-2	216-T-6	Crib	299-W11-67	A7309
200 W	200-TW-2	216-T-15	Trench	299-W11-68	A7310
200 W	200-TW-2	216-T-14	Trench	299-W11-69	A7311
200 W	200-TW-2	216-T-16	Trench	299-W11-80	A7322
200 W	200-TW-2	216-T-17	Trench	288-W11-81	A7323
200 E	200-PW-5*	216-B-62	Crib	299-E28-75	A6826
200 E	200-PW-5	216-B-62	Crib	299-E28-84	A6835
200 E	200-PW-5	216-B-62	Crib	299-E28-85	A6836
200 E	200-PW-5	216-B-62	Crib	299-E28-86	A6837

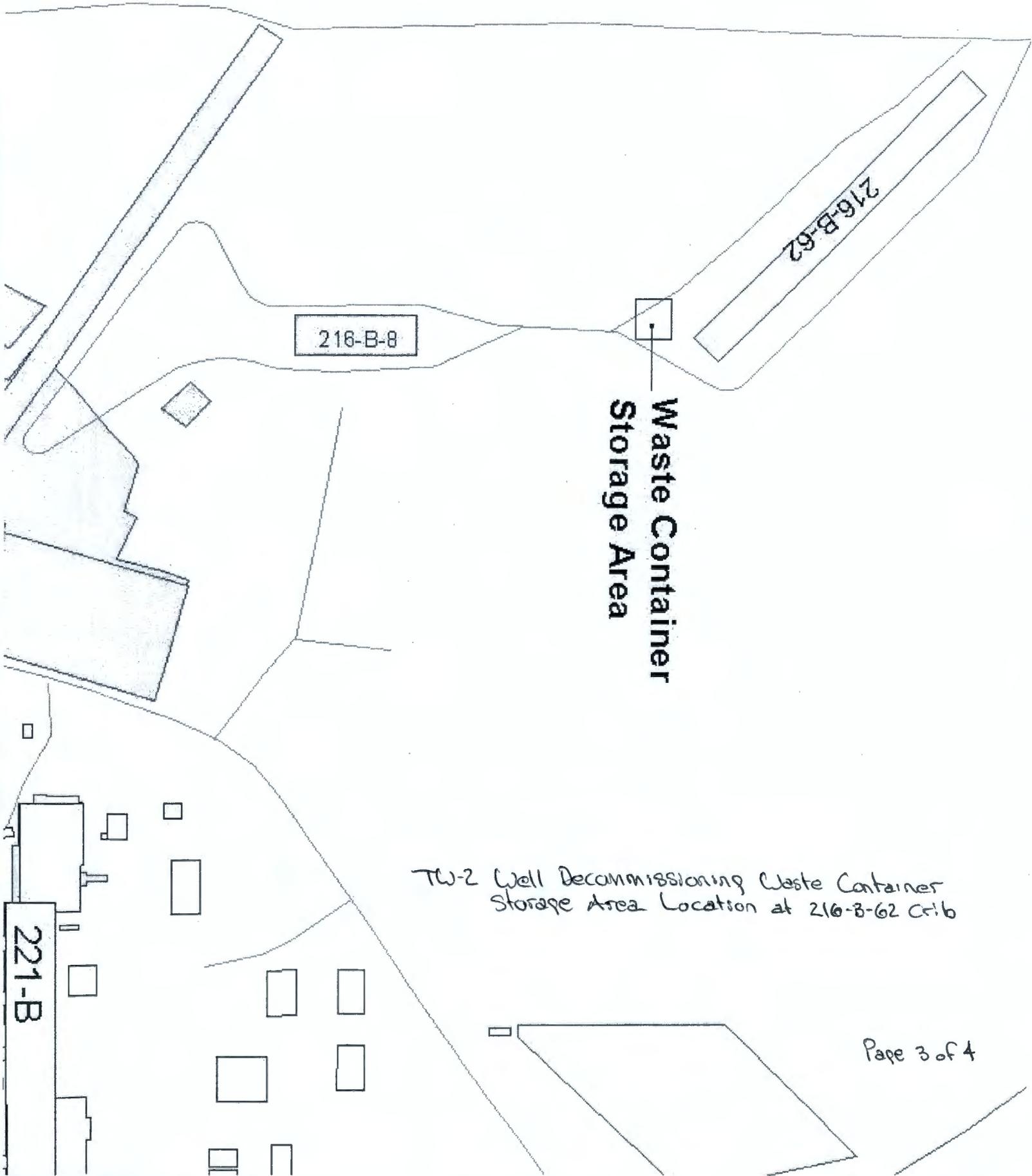
## Attachment 12, Figure 2

Supplement to: D&amp;D-25140, Waste Control Plan for the 200-TW-2 Operable Unit

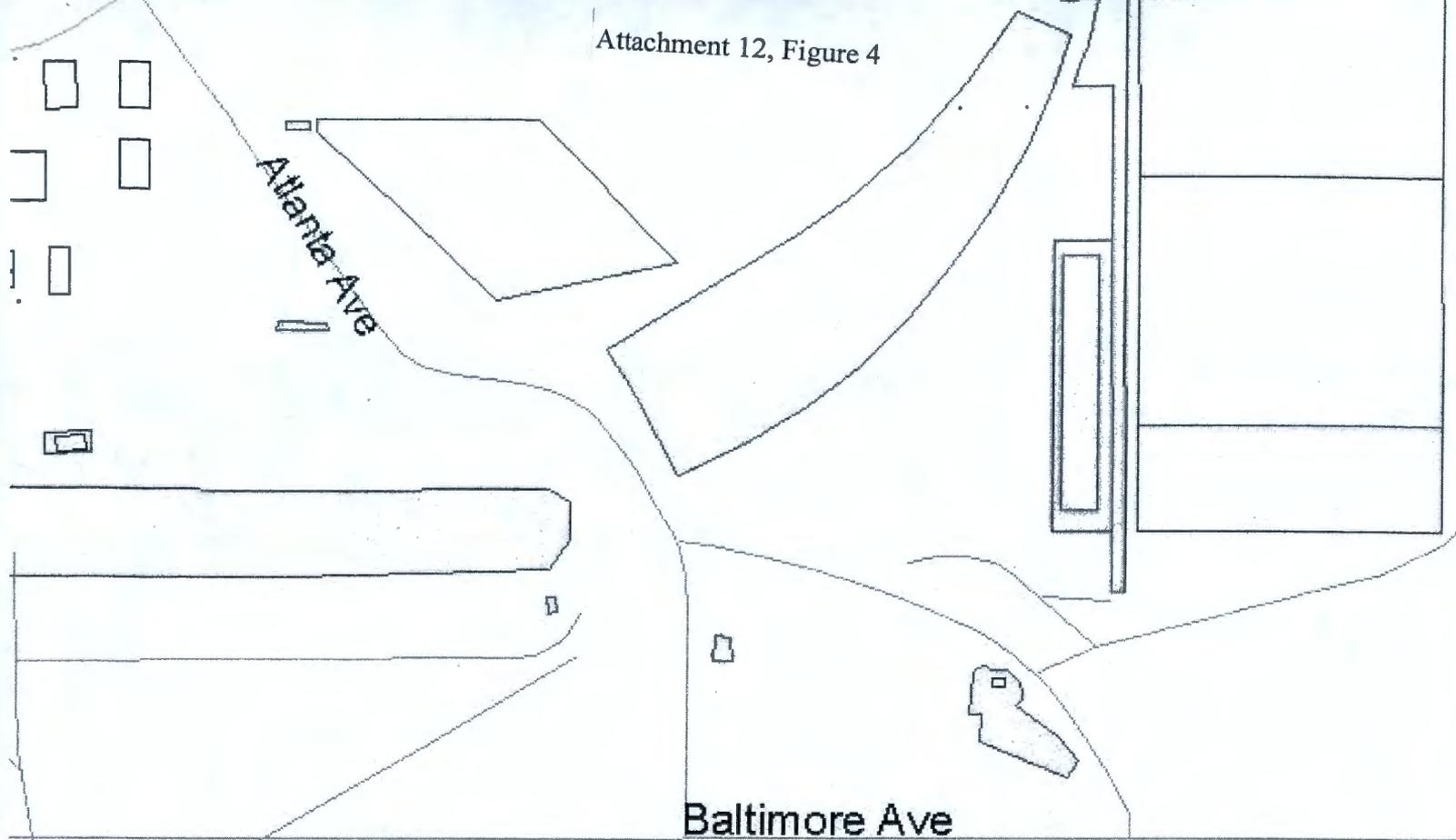
Area	Operable Unit	Waste Site Code	Site Type	Hanford Well Name	Hanford Well ID
200 E	200-PW-5	216-B-62	Crib	299-E28-87	A6838
200 E	200-PW-5	216-B-62	Crib	299-E28-88	A6839
200 E	200-PW-5	216-B-62	Crib	299-E28-89	A6840
200 E	200-PW-5	216-B-62	Crib	299-E28-90	A6841
200 E	200-PW-5	216-B-62	Crib	299-E28-91	A6842
<del>200 E</del>	<del>200-TW-2</del>	<del>216-B-9</del>	<del>Crib</del>	<del>299-E28-53</del>	<del>A6804</del>
<del>200 E</del>	<del>200-TW-2</del>	<del>216-B-9</del>	<del>Crib</del>	<del>299-E28-54</del>	<del>A6805</del>
<del>200 E</del>	<del>200-TW-2</del>	<del>216-B-9</del>	<del>Crib</del>	<del>299-E28-55</del>	<del>A6806</del>
<del>200 E</del>	<del>200-TW-2</del>	<del>216-B-9</del>	<del>Crib</del>	<del>299-E28-56</del>	<del>A6807</del>
<del>200 E</del>	<del>200-TW-2</del>	<del>216-B-9</del>	<del>Crib</del>	<del>299-E28-57</del>	<del>A6808</del>
<del>200 E</del>	<del>200-TW-2</del>	<del>216-B-9</del>	<del>Crib</del>	<del>299-E28-58</del>	<del>A6809</del>
<del>200 E</del>	<del>200-TW-2</del>	<del>216-B-9</del>	<del>Crib</del>	<del>299-E28-59</del>	<del>A6810</del>
<del>200 E</del>	<del>200-TW-2</del>	<del>216-B-9</del>	<del>Crib</del>	<del>299-E28-60</del>	<del>A6811</del>
<del>200 E</del>	<del>200-TW-2</del>	<del>216-B-9</del>	<del>Crib</del>	<del>299-E28-61</del>	<del>A6812</del>
<del>200 E</del>	<del>200-TW-2</del>	<del>216-B-9</del>	<del>Crib</del>	<del>299-E28-62</del>	<del>A6813</del>
<del>200 E</del>	<del>200-TW-2</del>	<del>216-B-9</del>	<del>Crib</del>	<del>299-E28-67</del>	<del>A6818</del>
<del>200 E</del>	<del>200-TW-2</del>	<del>216-B-9</del>	<del>Crib</del>	<del>299-E28-68</del>	<del>A6819</del>
<del>200 E</del>	<del>200-TW-2</del>	<del>216-B-9</del>	<del>Crib</del>	<del>299-E28-74</del>	<del>A6825</del>
<del>200 W</del>	<del>200-TW-2</del>	<del>216-T-22</del>	<del>Crib</del>	<del>299-W15-209</del>	<del>A7507</del>
<del>200 W</del>	<del>200-TW-2</del>	<del>216-T-23</del>	<del>Crib</del>	<del>299-W15-210</del>	<del>A7508</del>
<del>200 W</del>	<del>200-TW-2</del>	<del>216-T-24</del>	<del>Crib</del>	<del>299-W15-211</del>	<del>A7509</del>
<del>200 W</del>	<del>200-TW-2</del>	<del>216-T-25</del>	<del>Crib</del>	<del>299-W15-212</del>	<del>A7510</del>

\* 200-PW-5 OU was grouped with the 200-TW-2 OU per TPA Change No., M-015-02-01, dated 5/09/2002.

**Note:** Waste Container Storage Areas for well decommissioning will be established immediately adjacent to the 216-B-9 and 216-B-62 Crib (shown on figures accompanying this change), and as shown in Figure 4 of this WCP for 216-T-22 thru 216-T-25.



TW-2 Well Decommissioning Waste Container Storage Area Location at 216-B-62 Crib



TW-2 Well Decommissioning Waste Container Storage Area Location at 216-B-9 Crib

Table 4. Decommissioning Effort FY 2005 and FY 2006

(This list will be updated as wells are identified for decommissioning, and will be provided at the 200 Area Unit Manager's Meeting and included in the UMM Minutes)

- Shading indicates wells added for this change.

Area	Operable Unit	Waste Site Code	Site Type	Hanford Well Name	Hanford Well ID
200E	200-PW-2	200-E-58	URR	299-E24-55	A5912
200E	200-PW-2	216-A-5	Crib	299-E24-56	A5913
200E	200-PW-2	216-A-5	Crib	299-E24-57	A5914
200E	200-PW-2	216-A-10	Crib	299-E24-59	A5916
200E	200-CW-1*	216-A-9	Crib	299-E24-63	A5918
200E	200-PW-2	216-B-12	Crib	299-E28-16	A6794
200E	200-PW-2	216-B-12	Crib	299-E28-76	A6827

Note: Well decommissioning waste will be managed as described in Section 1.4 of this Waste Control Plan in a Waste Container Storage Area located approximately as shown near the 216-A-10 Crib in Figure 3.

\*Well decommissioning waste types are consistent regardless of their Operable Unit of origin, therefore, as a matter of convenience, waste from this 200-CW-1 Operable Unit well will be managed at the Waste Container Storage Area shown in Figure 3.

Table 4. Decommissioning Effort FY 2005 and 2006

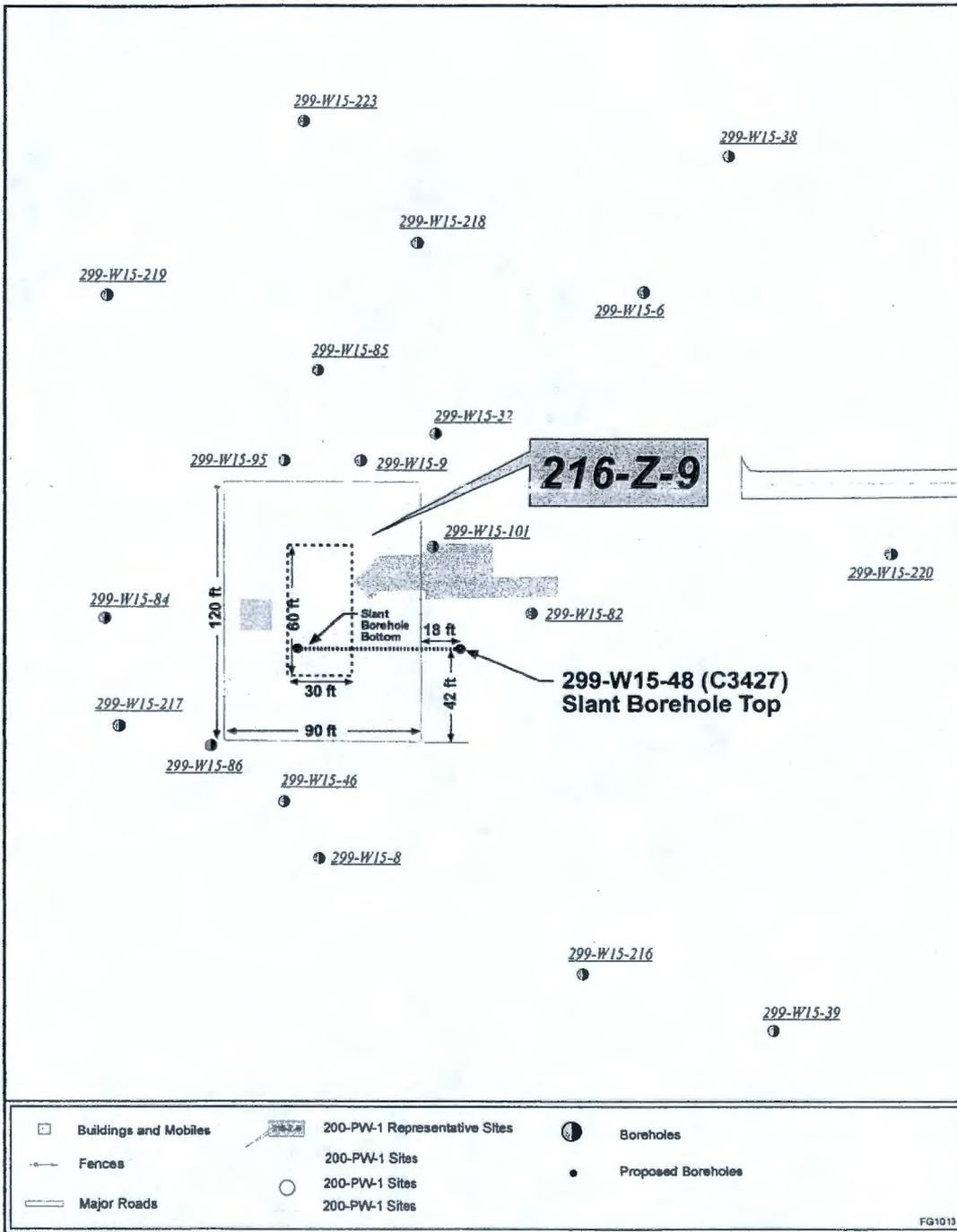
(This list will be updated as wells are identified for decommissioning, and will be provided at the 200 Area Unit Manager's Meeting and included in the UMM Minutes)

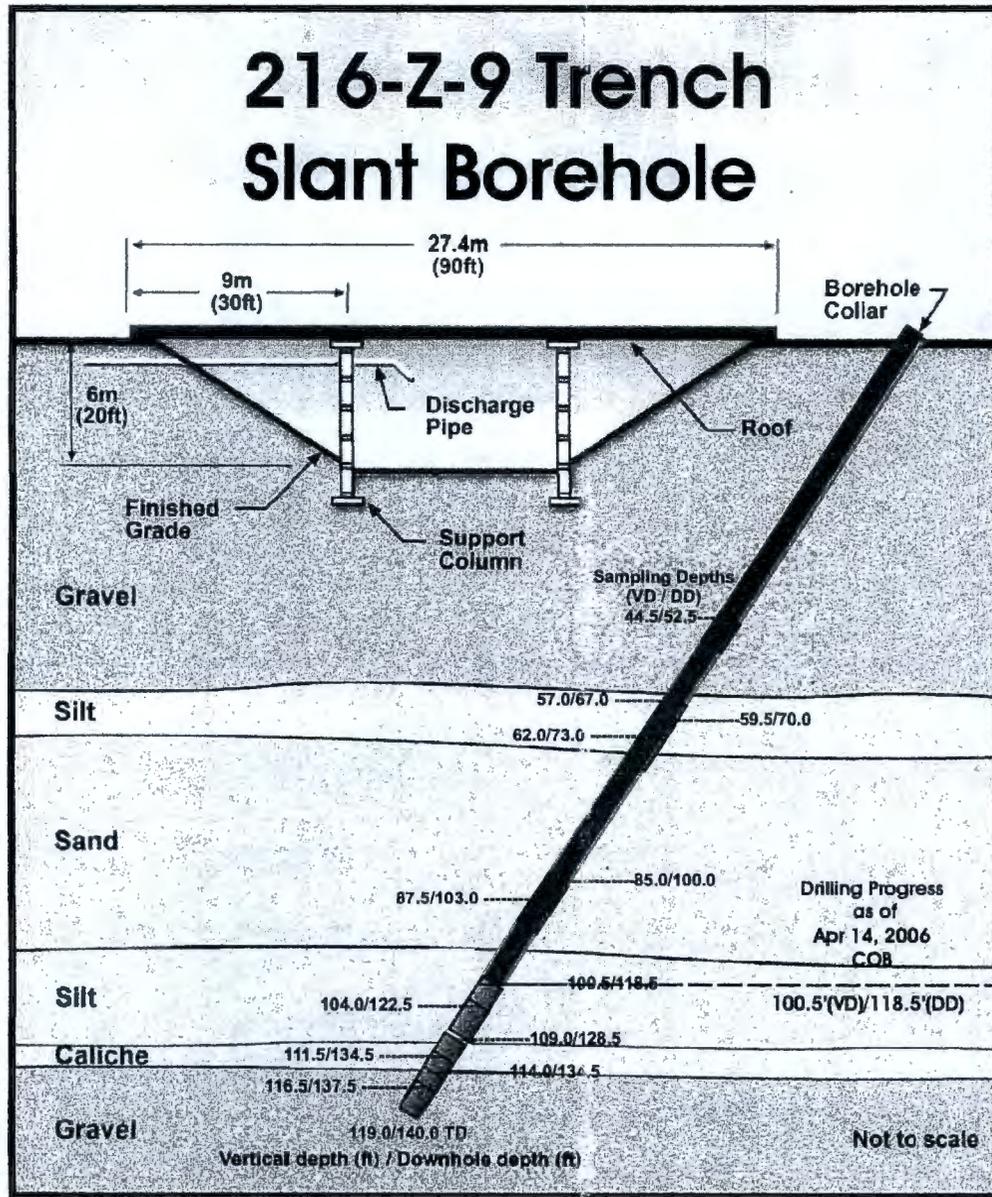
- Shading indicates well(s) added for this change.

Area	Operable Unit	Waste Site Code	Site Type	Well Name	Well ID
200 W	200-LW-2	216-Z-7	Crib	299-W15-63	A7364
200 W	200-LW-2	216-Z-7	Crib	299-W15-76	A7377
200 W	200-LW-2	216-Z-7	Crib	299-W15-78	A7379
200 W	200-LW-2	216-Z-7	Crib	299-W15-77	A7378

Note: Well decommissioning waste will be stored in the Waste Container Storage Area (at the 216-Z-7 Crib) shown in Figure 4 of this 200-LW-1/200-LW-2 Waste Control Plan.

Attachment 15, Figure 1





Data from -

216-Z-9 Trench Vertical Borehole

● CCL<sub>4</sub> — Pu-239

Data from -

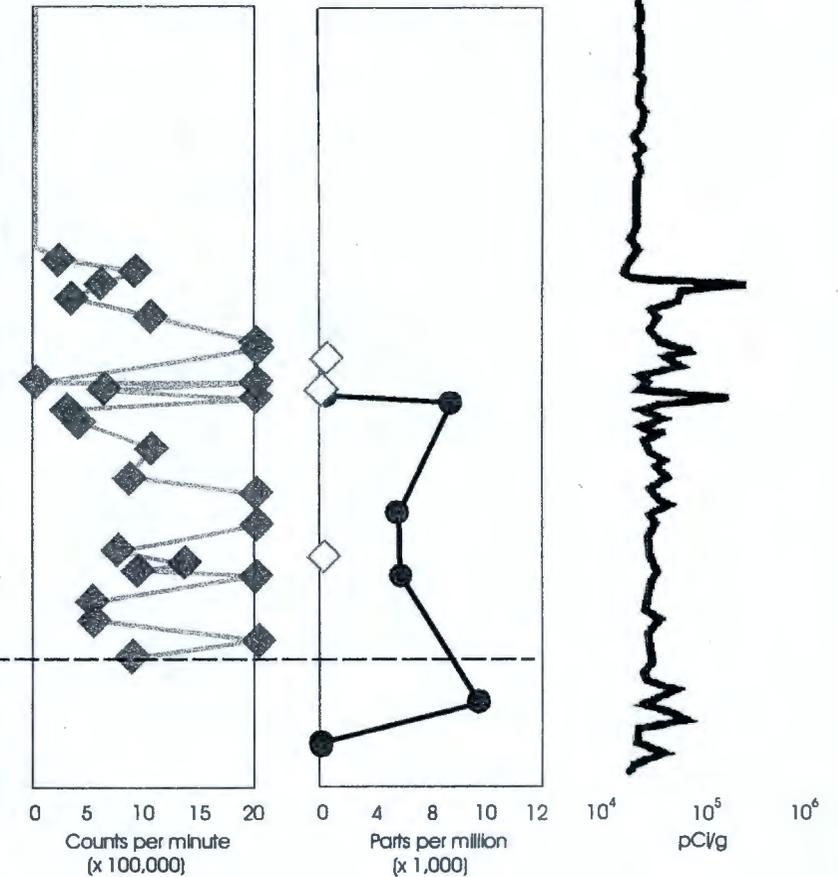
216-Z-9 Trench Slant Borehole

◆ Beta-Gamma ◇ CCL<sub>4</sub>

Beta-Gamma

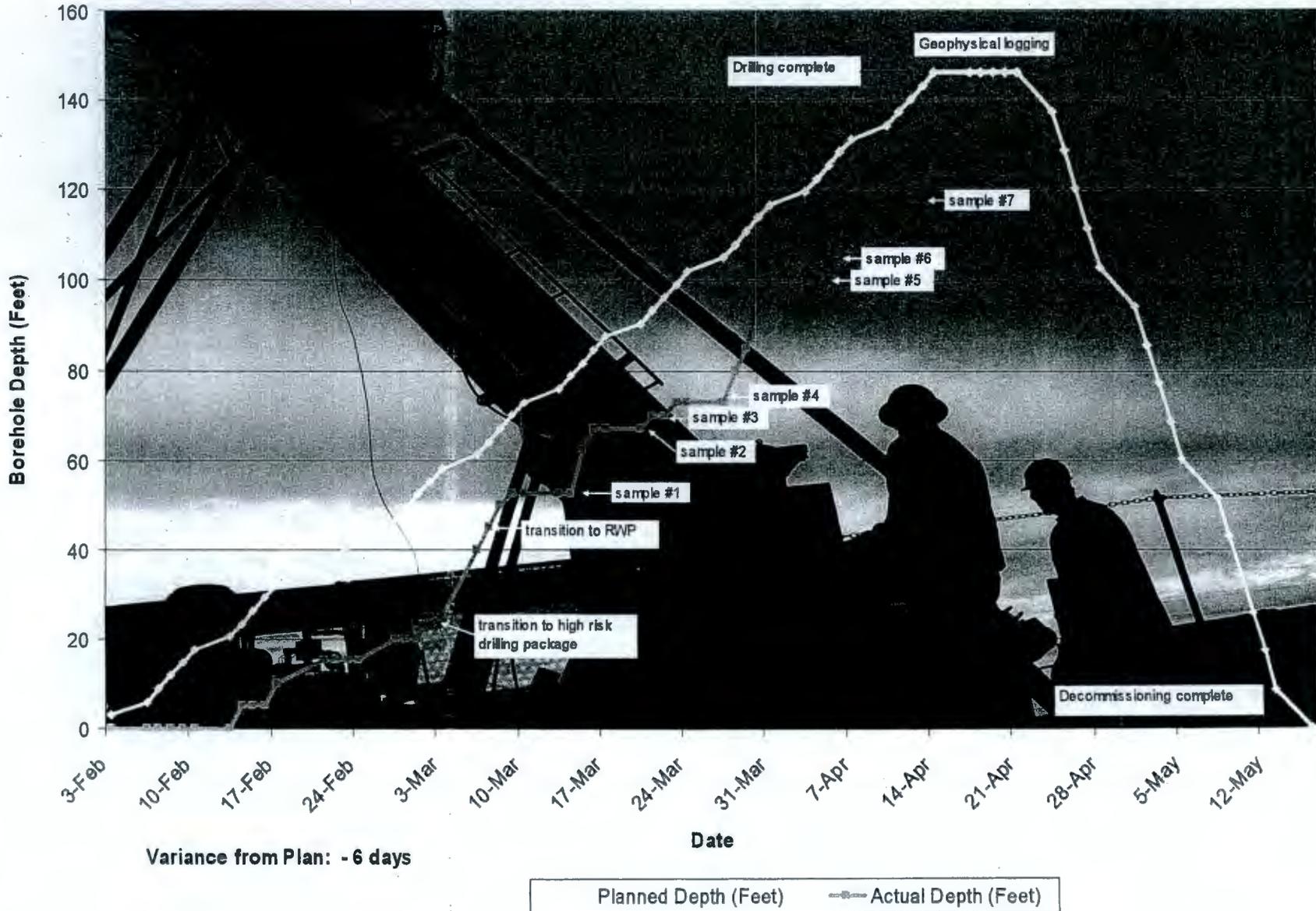
CCL<sub>4</sub>

Pu-239



# 216-Z-9 Slant Borehole

Attachment 15, Figure 3



**Issue Resolution Meeting  
Agreements and Issues List  
April 19, 2006  
200 Area Unit Managers' Meeting**

**Agreement: Approval of Well Updates to Waste Control Plans -  
(Ecology)**

Ecology approved changes to the well list for the 200-TW-2 (WMP-25140, Rev. 0), 200-PW-2 (CP-13935, Rev. 2), and 200-LW-1/200-LW-2 (WMP-17795, Rev.1) Waste Control Plans. See Attachments 12 through 14.

**Agreement: Approval of Well Updates to Waste Control Plans - (EPA)**

EPA approved changes to the well list for the 200-PW-1/200-PW-3/200-PW-6 (WMP-20501, Rev. 1) Waste Control Plans. See Attachment 11.

**200 Area Unit Managers' Meeting  
OPEN ACTION ITEMS & TRACKING**

Action #	Action/Subject	Assigned To	Owed To	Assigned Date	Original Due Date	Adjusted Due Date	Date Complete	Status
53	Review original TPA and early change packages for better understanding on requirements for 2008 M-015 milestone; mock up change package to provide clarification of requirements to meet 2008 milestone to be included in next modification to M-015	All - Williams	All	02/17/05	TBD	05/18/06		Being resolved through M-15.
53a	Provide clarification wording for M-015 completion criteria at next meeting. Discuss TPA Milestone wording for M-15-00C Draft A of RI/FS.	All - Williams	All	04/21/05	07/30/05	05/18/06		Being resolved through M-15.
60	Finalize Central Plateau Facility Binning Report, DOE/RL-2005-54	RL/FH - Romine	EPA/Ecology	04/21/05	05/19/05	05/18/06		Being resolved through M-15.
64	Determine solution to adding pipelines not associated with an OU into WIDS with only a TBD in the OU field versus needing to link them to Waste Management Areas (WMAs).	All - Stults	All	08/18/05	09/15/05	05/18/06		Elevated to IAMIT. D. Faulk to put on IAMIT schedule.
64a	Discuss with ORP (Janet Badden of CH2M) drafting necessary TPA changes.	Ecology - Stults	All	08/18/05	09/15/05	05/18/06		See action 64 status
65	Schedule 200-PO-1 Regulatory Path forward meeting with Ecology (EPA requested that this be resolved before change package goes out).	DOE - Tortoso	Ecology	9/15/2005	10/20/2005	4/30/2006		Being resolved through M-15.
66	RL respond to EPA's request for a new soil vapor extraction (SVE) system for ZP-2.	DOE - Tortoso	EPA	4/19/2006	5/18/2006			Needs to be completed prior to sending 5-yr. review package to the public.

**DISTRIBUTION  
UNIT MANAGERS' MEETING,  
200 AREA GROUNDWATER SOURCE OPERABLE UNITS**

DOE/RL

Steve Bertness	A6-39
Bryan Foley	A6-38
Larry Romine	RMIS
Arlene Tortoso	RMIS

EPA

Craig Cameron	B1-46
---------------	-------

Ecology

Brenda Jentzen	RMIS
Tina Masterson-Heggen	H0-57
John Price	H0-57
Jennie Stults	H0-57
Jean Vanni	H0-57

FH

Lanny Dusek	RMIS
Gloria Cummins	RMIS
Bruce Ford	RMIS
Jane Borghese	E6-35
Mark Byrnes	RMIS
Virginia Rohay	RMIS
L. Craig Swanson	RMIS
Mary Todd-Robertson	E6-35

CHG

Curt Wittreich	RMIS
----------------	------

PNNL

Stuart Luttrell	K6-96
-----------------	-------

Oregon State/Tribes

Shelly Cimon	EMAIL
Stan Sobczyk	EMAIL
Sandra Lilligren	EMAIL

Administrative Record (2)	H6-08
---------------------------	-------

Correspondence Control	A3-01
------------------------	-------

Please inform Dee Goodson – FH (373-4456)  
of deletions or additions to the distribution list.