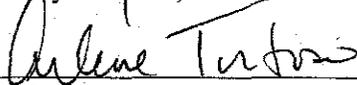
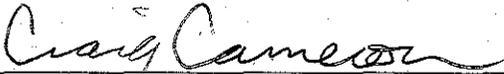


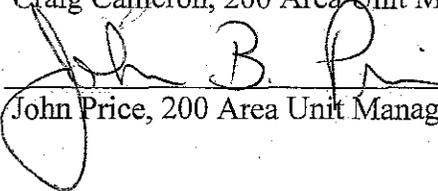
Meeting Minutes Transmittal/Approval  
Unit Managers' Meeting  
200 Area Groundwater and Source Operable Units  
1200 Jadwin Avenue, Richland, Washington  
August 23, 2006

---

APPROVAL:  Date: 9-12-06  
Larry Romine, 200 Area Unit Manager, DOE/RL

APPROVAL:  Date: 9/12/06  
Arlene Tortoso, 200 Area Assistant Manager, DOE/RL

APPROVAL:  Date: 9/12/06  
Craig Cameron, 200 Area Unit Manager, EPA

APPROVAL:  Date: 9/21/2006  
John Price, 200 Area Unit Manager, Ecology

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**HARD COPY DISTRIBUTION  
UNIT MANAGERS' MEETING,  
200 AREA GROUNDWATER SOURCE OPERABLE UNITS  
August 23, 2006**

DOE/RL

Bryan Foley A6-38

EPA

Craig Cameron B1-46

Ecology

John Price H0-57

FH

Mary Todd-Robertson (original) E6-35

Administrative Record (2) H6-08

Correspondence Control A3-01

Minutes of the 200 Area Unit Managers' Meeting of August 23, 2006 are attached.  
Minutes are comprised of the following:

Attachment 1	Agenda
Attachment 2	Attendance Record
Attachment 3	Groundwater Operable Units Status
Attachment 4	200-UP-1 Rebound Study, Technetium-99
Attachment 5	200-UP-1 Rebound Study, Uranium
Attachment 6	Tc-99 concentrations in extraction wells 299-W15-765 and 299-W15-44
Attachment 7	New ZP-1 Well DD (C5101, 299-W11-86)
Attachment 8	Z-9 Slant Well Baseline
Attachment 9	Groundwater Operable Units Status Figures
Attachment 10	Borehole Location and Designation
Attachment 11	B Complex Groundwater Monitoring Data, Location
Attachment 12	Source Operable Units and Facilities Status
Attachment 12	200-BP-5 Trends for Sulfate
Attachment 13	Agreements and Issues List
Attachment 14	Action Item List

# 200 AREA UNIT MANAGERS' MEETING DRAFT AGENDA

1200 Jadwin/Rm 1-B-1  
August 23, 2006

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

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

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

- (See Issues List)

## **General**

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

200 Area Unit Managers Status Meeting  
August 23, 2006

Please print clearly and use black ink

PRINTED NAME	ORGANIZATION	O.U. ROLE	TELEPHONE
Jennie Shutt	Ecology	200 Area	372-7956
Sharon Simon	OREGON		(541) 373-0853
Zelma Jackson	Ecology	200 Area	372-7910
Stan Sobczyk	Nez Perce ERUM		208 843-7375
Sonya Moore	FH TPA	TPA MS Mgr	372-3320
Arlene Tortore	DOE-RL	200 Area GW	373-9631
Janice Williams	FH		372-3553
Jan V Borghe	FH	GW	373 3804
John Winterhelder	FH/GRP	ECO	372-8144
Greg Thomas	FIL	BP-5	373-3907
Dave Erb	FH	200-UGW	373-4457
Kevin Lear	DOE-RL	200 Area	373-7285
Dennis Faulk	EPA		
Wade Wadley	RL	200 Area	372-2889
Gloria Cummins	FH	200 PO-1	372-2454
Craig Cameron	EPA		576-8665
Ted Reparker	CTUIR		541-966-2412
Pod Lobos	EPA		
J Robertsen	FH	V Canyon	509 376 8162
Mary Todd Jackson	FH	200 West sites	373-3920



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

August 23, 2006

### GROUNDWATER OPERABLE UNITS STATUS

#### 200-UP-1 OU

- Rebound Study:
  - Tc-99 and uranium concentrations are still below the interim RAOs of 9,000 pCi/L and 480 µg/L respectively (**Attachments 4 and 5**).
  - The rebound study letter report has been released. Document has been cleared for release to DOE.
  - DOE-RL will meet with Ecology August 29 to discuss how the 200-ZP-1 RI Report used MTCA guidance for evaluating historical data.
  - Ecology is working on an Explanation of Significant Difference (ESD) for the UP-1 interim ROD.
- RI/FS Work Plan:
  - Six of 12 new 200-UP-1 wells (UP1, UP2, UP3, UP4, UP5, and UP11) have been installed. The remaining six new 200-UP-1 wells are currently scheduled to be installed in FY2007.

#### 200-ZP-1 OU

- Remediation Treatment Status:
  - Between July 3, 2006 and August 13, 2006 the 200-ZP-1 pump-and-treat system average pumping rate was approximately 250 gpm.
  - During this period there were multiple short term shut downs to work on flow meter, replace B&K analyzer, GAC change-out, etc.
  - Currently all 9 extraction wells are online.
  - **Attachment 6** shows the most recent Tc-99 concentrations in extraction wells 299-W15-765 and 299-W15-44. The average Tc-99 concentration of the mixed extraction water entering the ZP-1 treatment building is still below the MCL of 900 pCi/L.
  - The Draft Treatability Test Plan for Tc-99 removal from groundwater has been issued and is out for technical review.
  - Treatability test for Tc-99 removal will be performed in FY2007. The implementation schedule will be contained in the Treatability Test Plan.
- DNAPL Investigation Status:
  - The hookup of well 299-W15-6 to the 200-ZP-1 treatment system has been delayed by the need to do hydrostatic testing of transfer line casing.

- Vista Engineering's Draft DNAPL investigation report is out for technical review.
- New Well Status:
  - New ZP-1 well DD (299-W11-86) (**Attachment 7**) was completed earlier this month. New ZP-1 well EE (299-W14-71) was ~170 ft deep. This well is about 1,000 feet north of U Plant. New well AA (299-W14-72) was at 90 ft on Monday.
- RI/FS Status:
  - DOE-RL has given FH direction not to use CFEST code to support ZP-1 risk calculations in the FS.
  - The detailed screening of technologies has started.
- Tc-99 Investigation Status:
  - The draft DQO summary report is being prepared for stakeholder review.
  - The Sampling and Analysis Plan for drilling two new wells in FY06 is currently being prepared.
  - The Sampling and Analysis Plan for the other characterization activities developed through the DQO process is also being prepared.

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

- Soil Vapor Extraction System (SVE):
  - Between June 5 and July 9, 2006, the system average extraction rate was 299 cfm.
  - The SVE system has been relocated to Z-9.
  - The Z-9 slant well was hooked up to the SVE system July 31 and operated alone from August 1 to August 7 before addition of other extraction wells (**Attachment 8**).
- The passive system remains operational.
- Monthly monitoring for June and July 2006 were presented at the August meeting (**Attachment 9, Figures 1-3**).

## 200-PO-1 GROUNDWATER OPERABLE UNIT

August 23, 2006

### GROUNDWATER OPERABLE UNIT STATUS

#### 200-PO-1 OU

- Regulatory Path Forward: (no change)
  - A tentative path forward is currently being negotiated as part of M-015-00 milestone discussions.
- SAP: (no change)
  - DOE-RL is currently implementing the approved 200-PO-1 SAP.
- DQO: (no change)
  - The DQO process continued for a 200-PO-1 Investigation Plan/Feasibility Study 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.
    - Three entry wells and one corehole are being drilled. FH conducted detailed groundwater sampling in one well (C4997) from August 10 through August 17, 2006 (**Attachment 10**).
- Science & Technology: (no change)
  - A SOW has been prepared for High Resolution Reflection Seismic Pilot Study in 200 East Area. Information on the pilot study has been shared with DOE and the regulators.
    - Plans are being made to test an in-situ tritium sensor in the 299-E17-18 well adjacent to 216-A-36B Crib south of PUREX.

## 200-BP-5 GROUNDWATER OPERABLE UNIT

August 23, 2006

### GROUNDWATER OPERABLE UNIT STATUS

**Drilling SAP:** Received EPA comments and completing comment incorporation for EPA final concurrence.

**Geophysical Well Surveys:** Wells 299-E33-18 and 299-E33-44 were logged by Stoller. Awaiting report.

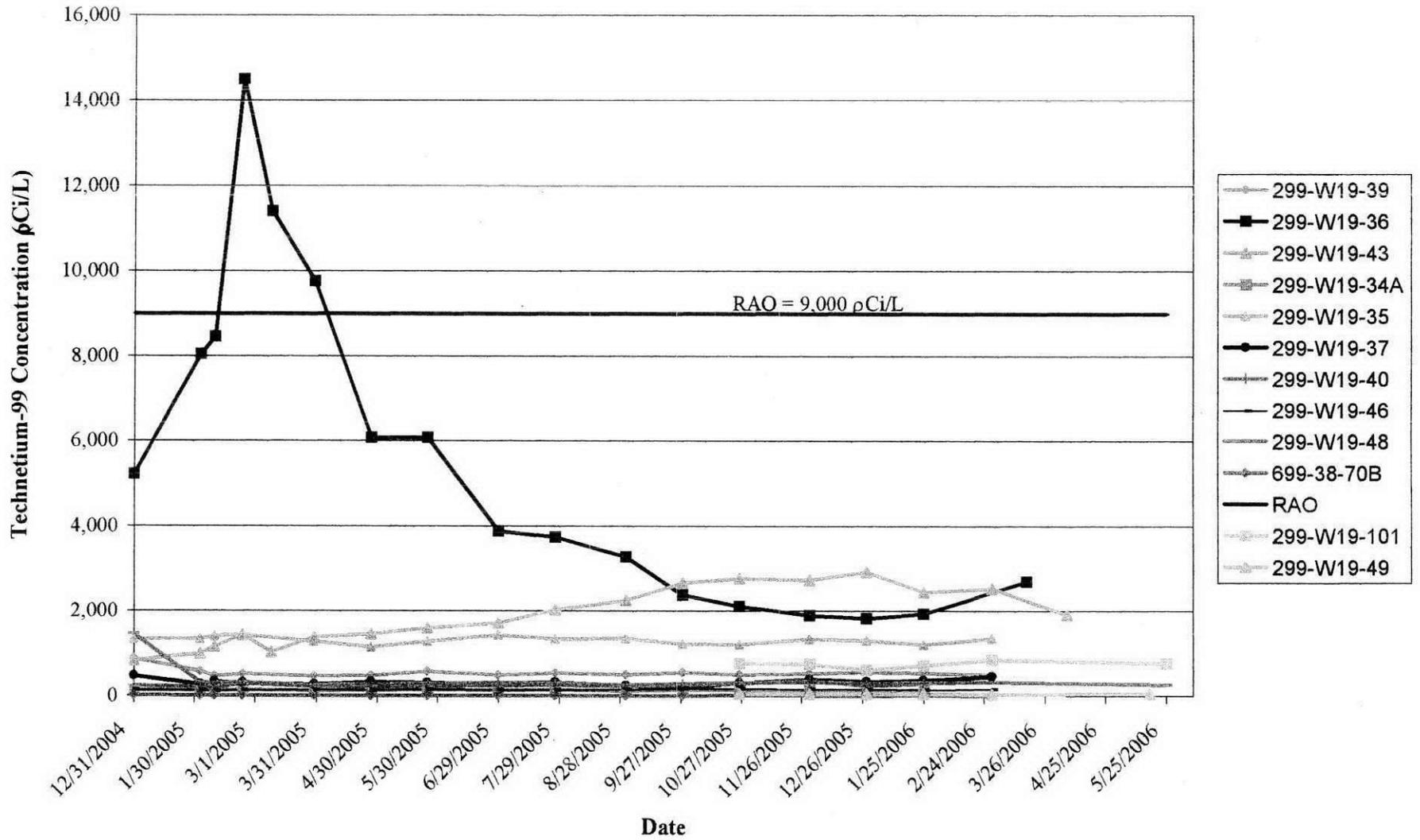
**DQO Report:** EPA comments are being incorporated and scheduled for review mid September.

**Work Plan:** Work plan is in progress. The decisional draft is scheduled to be completed by the end of October. Work is currently focused on detailing sampling and analyses for the proposed wells from the DQO.

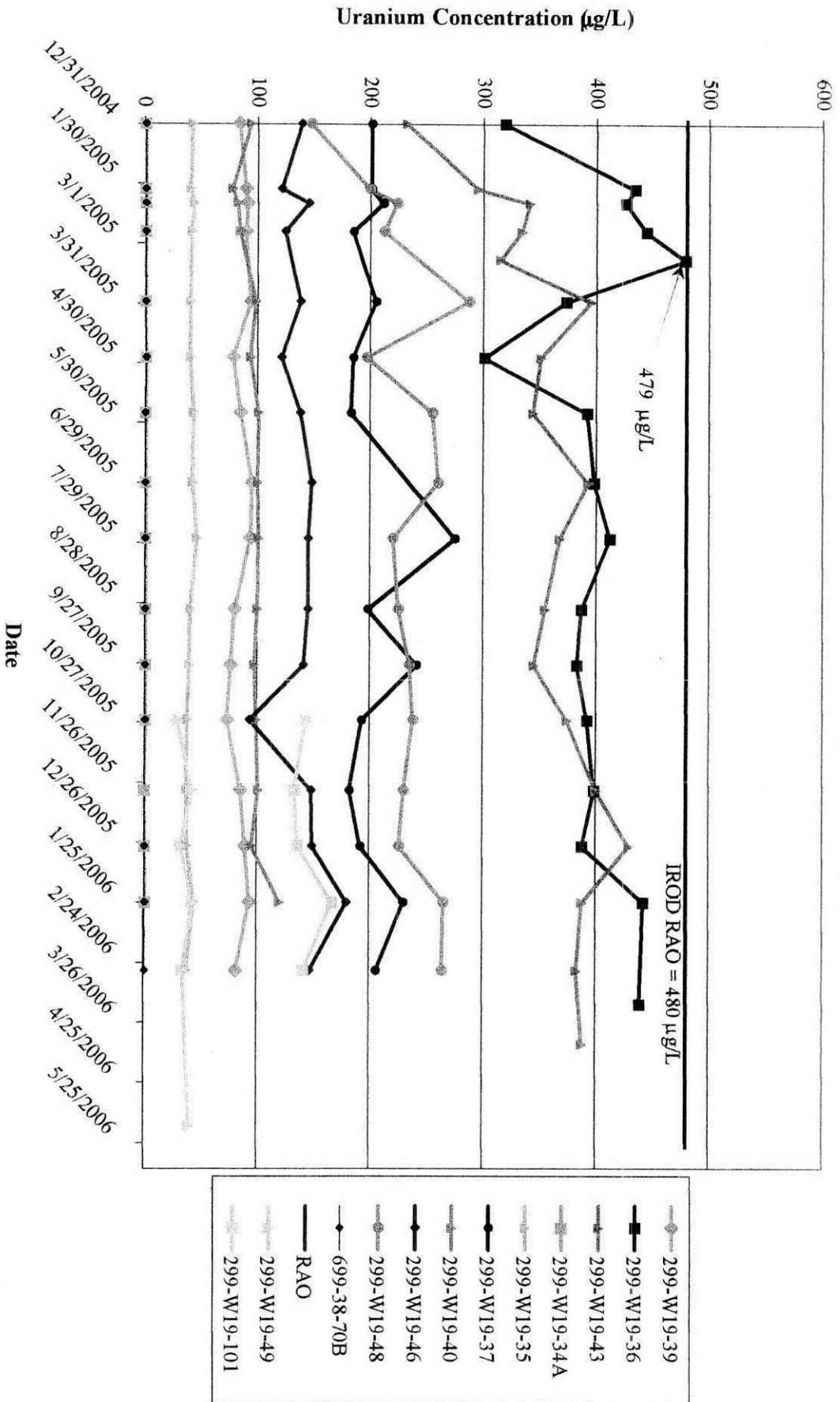
**Waste Control Plan:** Three planned wells were approved through UMM last month (**Attachment 3** to the "Waste Control Plan for the 200-BP-5 Operable Unit," DOE/RL-2003-30).

**B Complex Groundwater Monitoring Data:** June sampling results reported 810 µg/L of uranium at 299-E33-9 (See **Attachment 11** for location).

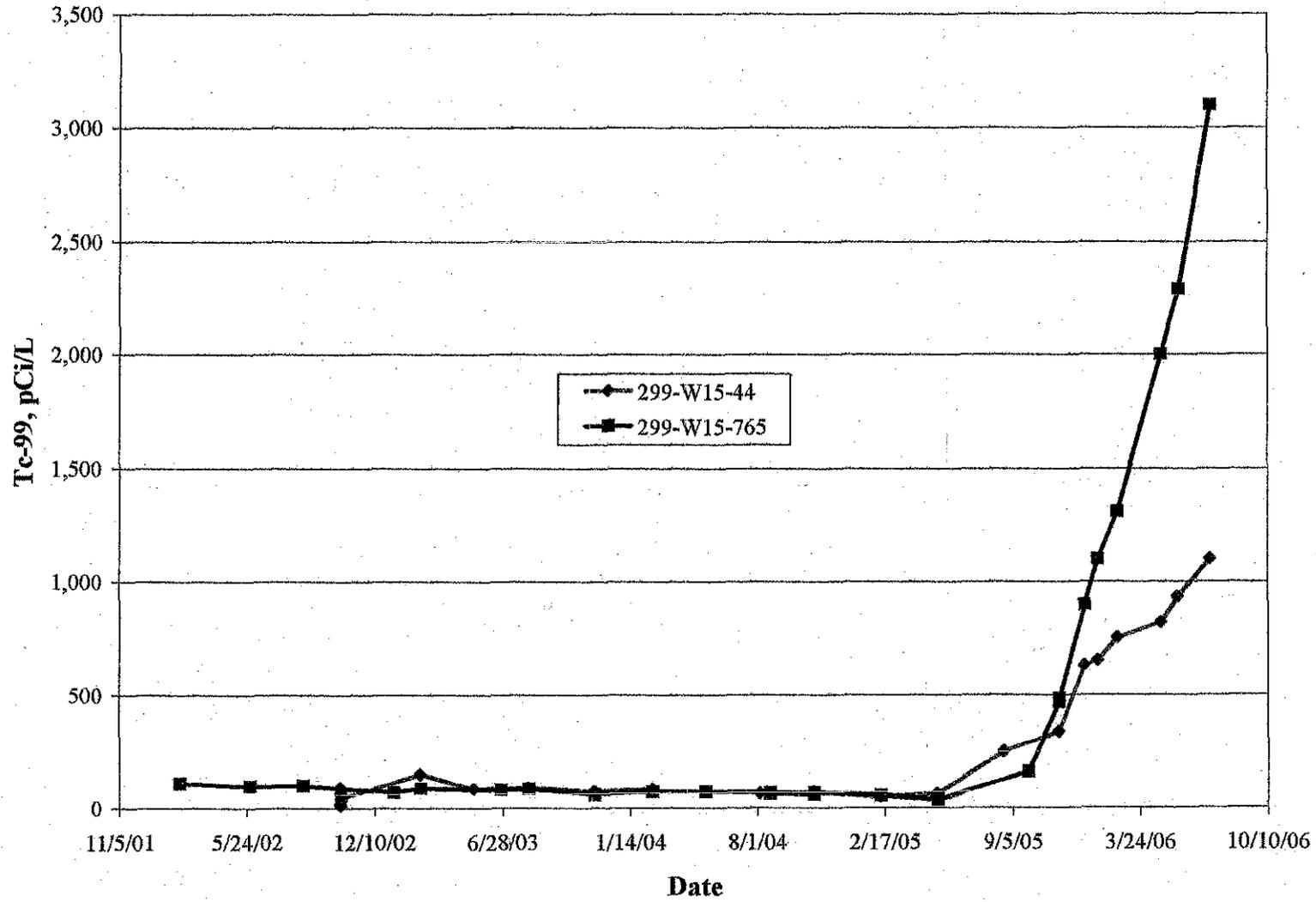
200-UP-1, Rebound Study, Technetium-99 ( $\rho\text{Ci/L}$ )



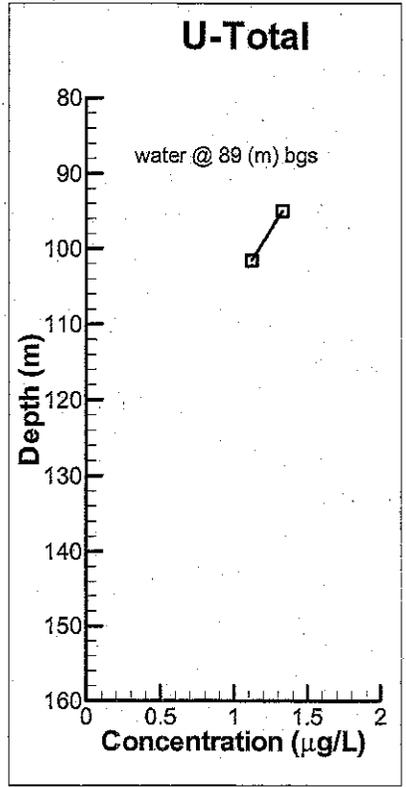
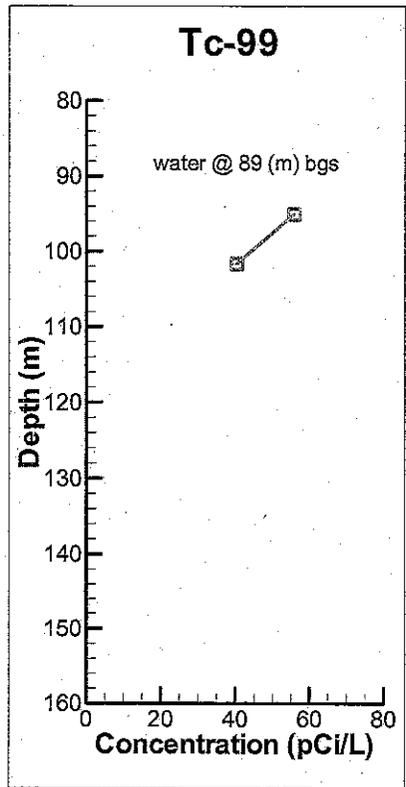
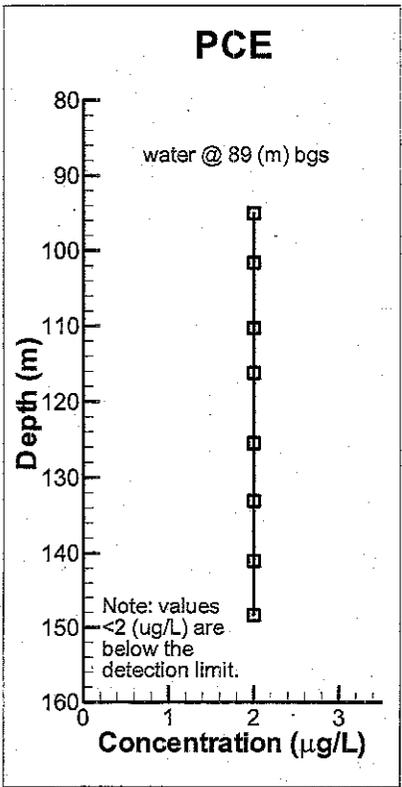
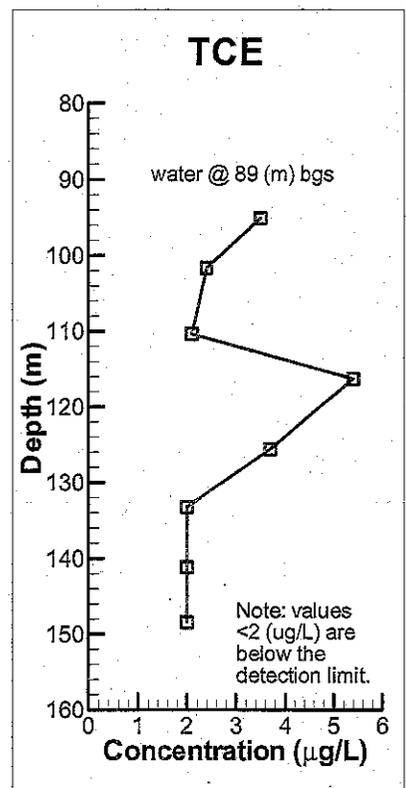
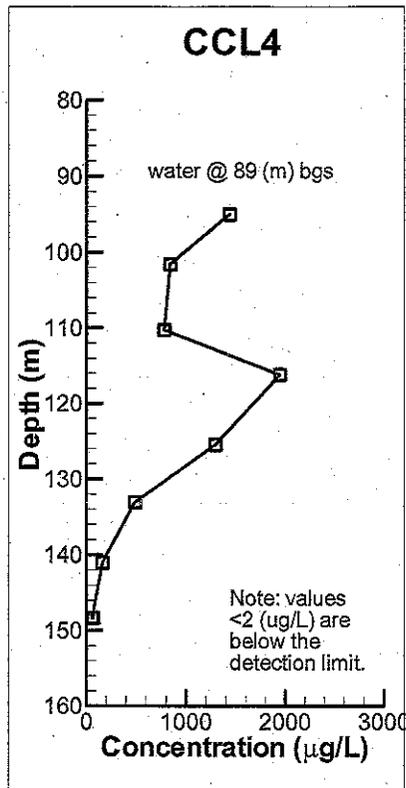
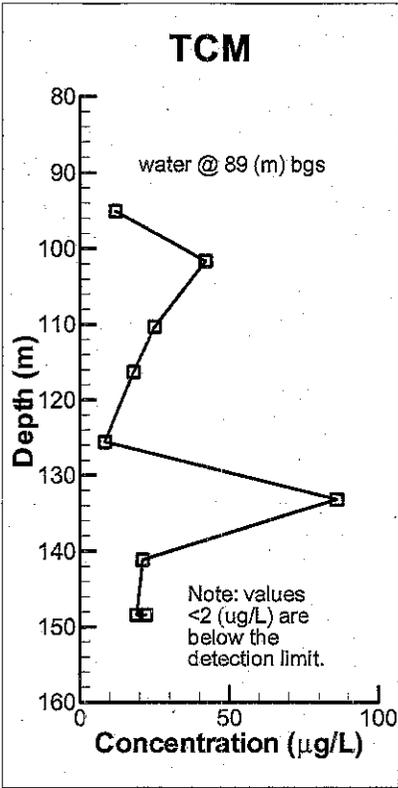
200-UP-1, Rebound Study, Uranium (µg/L)



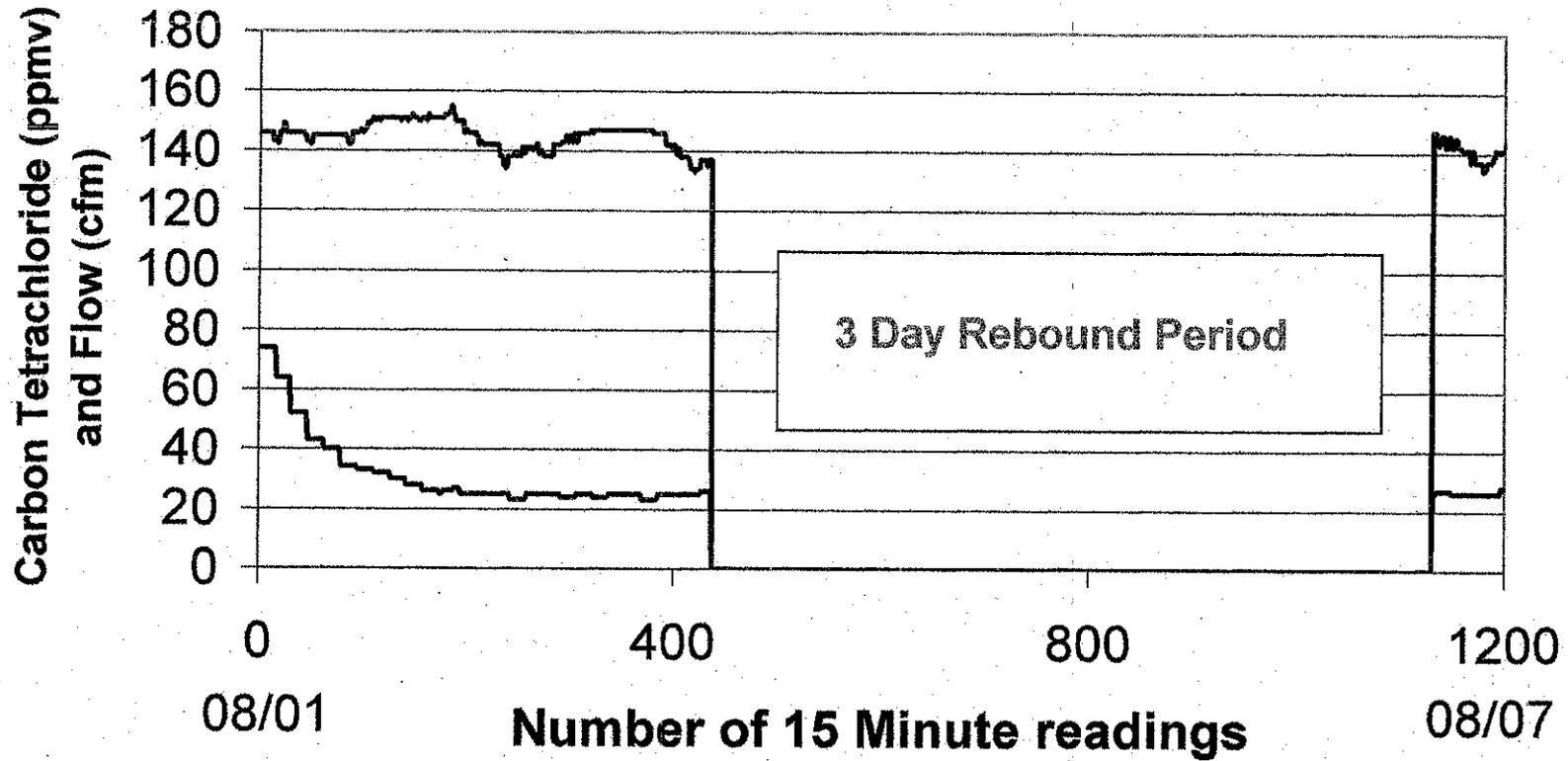
### 200-ZP-1, Tc-99 Trends at Extraction Wells 299-W15-44 and 299-W15-765



299-W11-86



# Z-9 Slant Well Baseline



— Carbon Tetrachloride — Flow



Carbon Tetrachloride Rebound Concentrations  
Monitored at 200-PW-1 Soil Vapor Extraction Sites  
October 2005 - July 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	04/28/2006	05/26/2006	06/29/2006	07/26/2006
Location (Well or Probe) /feet bgs	Site	CCl4 (ppmv)										
CPT-17/ 10 ft	Z-9	---	1.4	1.2	1.2	1.3	1.5	1.7	2.0	2.2	2.3	
CPT-18/ 15 ft	Z-9	0		0	0	0	0	0	0	0	0	0
CPT-4E/ 25 ft	Z-1A								2.4	1.7	0	0
CPT-16/ 25 ft	Z-9	1.6		1.2	1.4	1.1	1.1	1.1	1.0	0	0	
CPT-32/ 25 ft	Z-1A			1.1	3.4	4.0	4.8	6.4				0
CPT-30/ 28 ft	Z-1A	1.2		0	1.1	0	0	0				0
CPT-13A/ 30 ft	Z-1A	3.6		4.1	3.9	3.6	3.5	3.3	3.6	3.8	3.3	2.4
CPT-7A/ 32 ft	Z-1A	2.3		2.7	2.2	2.8	3.3	3.8	2.4	2.4	1.8	2.0
CPT-27/ 33 ft	Z-9	1.8		0	0	0	0	0	0	0	0	0
CPT-1A/ 35 ft	Z-12	17.2		9.1	3.6	7.7	6.0	7.4	6.2	8.9	13.2	11.0
CPT-28/ 40 ft	Z-9											5.5
CPT-33/ 40 ft	Z-18											0
CPT-34/ 40 ft	Z-18	1.8							1.3	1.7	1.2	0
CPT-21A/ 45 ft	Z-9											
CPT-9A/ 50 ft	Z-9	52.8		50.9	50.6	48.1	50.4	46.1	46.9	49.0	39.1	32.8
CPT-9A/ 60 ft	Z-9	25.5		21.2	18.6	17.4	11.4	16.0	17.3	24.4	13.3	12.8
CPT-28/ 60 ft	Z-9											
CPT-C3872 / 61 ft	Z-1A	4.0		4.3	3.7	5.1	6.3	9.9				2.1
CPT-9A/ 64 ft	Z-9	38.6		36.9	36.9	33.4	36.2	36.6	33.1	36.4	33.1	33.8
CPT-16/ 65 ft	Z-9								5.3	5.6	4.6	
CPT-21A/ 65 ft	Z-9	151		137	140	139	146	145	139	160	137	153
CPT-1A/ 68 ft	Z-12											13.2
CPT-24/ 70 ft	Z-9								4.4	5.2	4.3	
CPT-32/ 70 ft	Z-1A											4.2
W15-219SST/ 70 ft	Z-9											
CPT-18/ 75 ft	Z-9								3.4	3.7	4.3	
W15-82/ 83 ft	Z-9	8.1		1.4	---	---	---	---	2.2	6.8	0	
CPT-21A/ 86 ft	Z-9	208		196	---	186	194	201	192	204	165	179
CPT-28/ 87 ft	Z-9	241		219	224	213	226	217	217	223	174	180
W18-152/ 101 ft	Z-12	12.7		14.2	14.5	15.4	15.2	16.2				10.8
W15-8U/ 103 ft	Z-9	10.4		2.6	5.1	3.1	4.5	1.3	1.5	2.8	5.5	
W18-167/ 106 ft	Z-1A	63.1		174	---	---	---	---				0
CPT-4F/ 109 ft	Z-1A											1.2
W18-165/ 109 ft	Z-1A	65.1		394	220	161	160	164				---
W15-217/ 114 ft	Z-9	16.1		1.7	8.4	11.5	19.7	12.1	1.0	8.6	0	
CPT-24/ 118 ft	Z-9								22.9	23.9	16.0	
W15-220SST/ 118 ft	Z-9								17.9	22.0	21.5	
W18-249/ 130 ft	Z-18	22.5		22.0	12.2	12.4	17.1	24.1				4.6
W15-219SST/ 130 ft	Z-9											
W18-248/ 131 ft	Z-1A	67.0		23.1	---	---	---	---				---
W15-95L/ 144 ft	Z-9	15.8		16.7	19.0	19.9	22.6	20.6	17.8	17.8	25.7	
W15-219SST/ 155 ft	Z-9											
W15-220L/ 163 ft	Z-9								2.4	9.3	7.3	
W15-219L/ 175 ft	Z-9								4.5	12.2	11.7	
W15-9L/ 176 ft	Z-9	4.0		0	0	4.0	5.4	3.5	1.5	2.4	0	
W15-84L/ 180 ft	Z-9								4.2	14.0	4.1	
W15-46/ 217 ft	Z-9	3.0	---	0	0	4.7	---	2.1	0	2.6	0	

(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-W15-46 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.

(q) Unable to sample; well in use for geophysical logging

**Carbon Tetrachloride Concentrations  
Monitored at 200-PW-1 Passive Soil Vapor Extraction Wells  
October 2005 - July 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	4/28/2006	5/26/2006	6/29/2006	7/26/2006
Location (Well or Probe) /feet bgs	CCl4 (ppmv)									
W18-6L/ 208 ft	19.8	---(b)								
W18-7/ 197 ft	0	9.2	11.7	15.8	16.2	15.3	33.8	20.3	5.9	11.0
W18-10L/ 183 ft	8.4	11.6	4.0	12.1	13.0	3.9	14.1	11.4	11.2	10.0
W18-11L/ 199 ft	0	5.9	0	7.6	9.0	0	5.4	7.2	1.8	3.0
W18-12/ 198 ft	0	1.6	0	4.9	9.4	1.3	0	2.4	0	0
W18-246L/ 170 ft	13.0	---(b)								
W18-247L/ 167 ft	0	0	2.4	5.1	7.6	0	3.0	1.8	1.3	0
W18-252L/ 175 ft	0	---(b)								
(b) in use by Vista Engineering for cross-well seismic investigation										

## 2.2 Borehole Location and Designation

The locations for the boreholes planned for this study are shown in Figure 1. The cored borehole (C4998) is located at the site for C4997. Boreholes C4993 will be used, should insufficient data be obtained from C4997. Boreholes C4994 and C4995 are optional or backup borehole locations that will not be used unless they are deemed necessary at a future time.

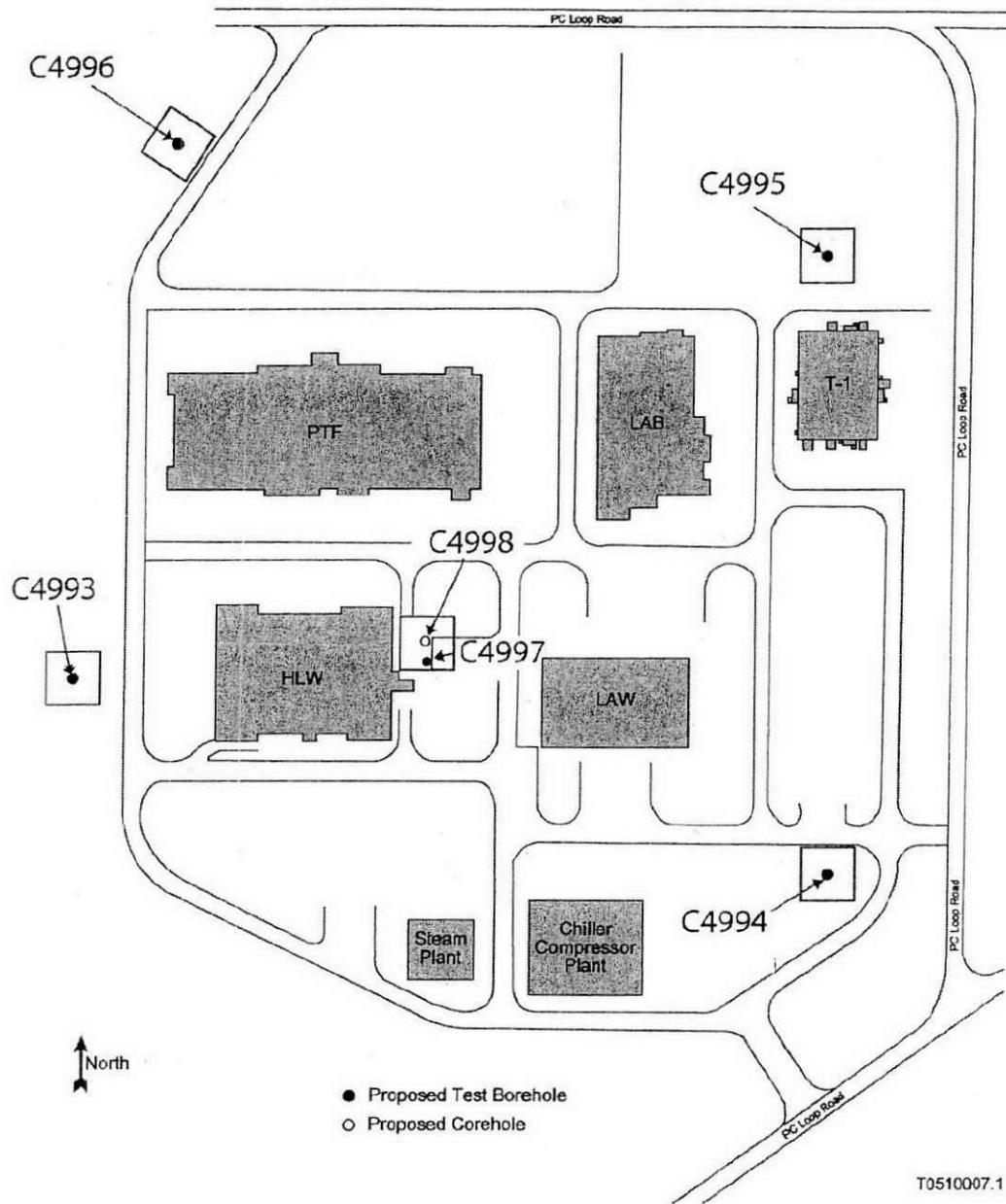
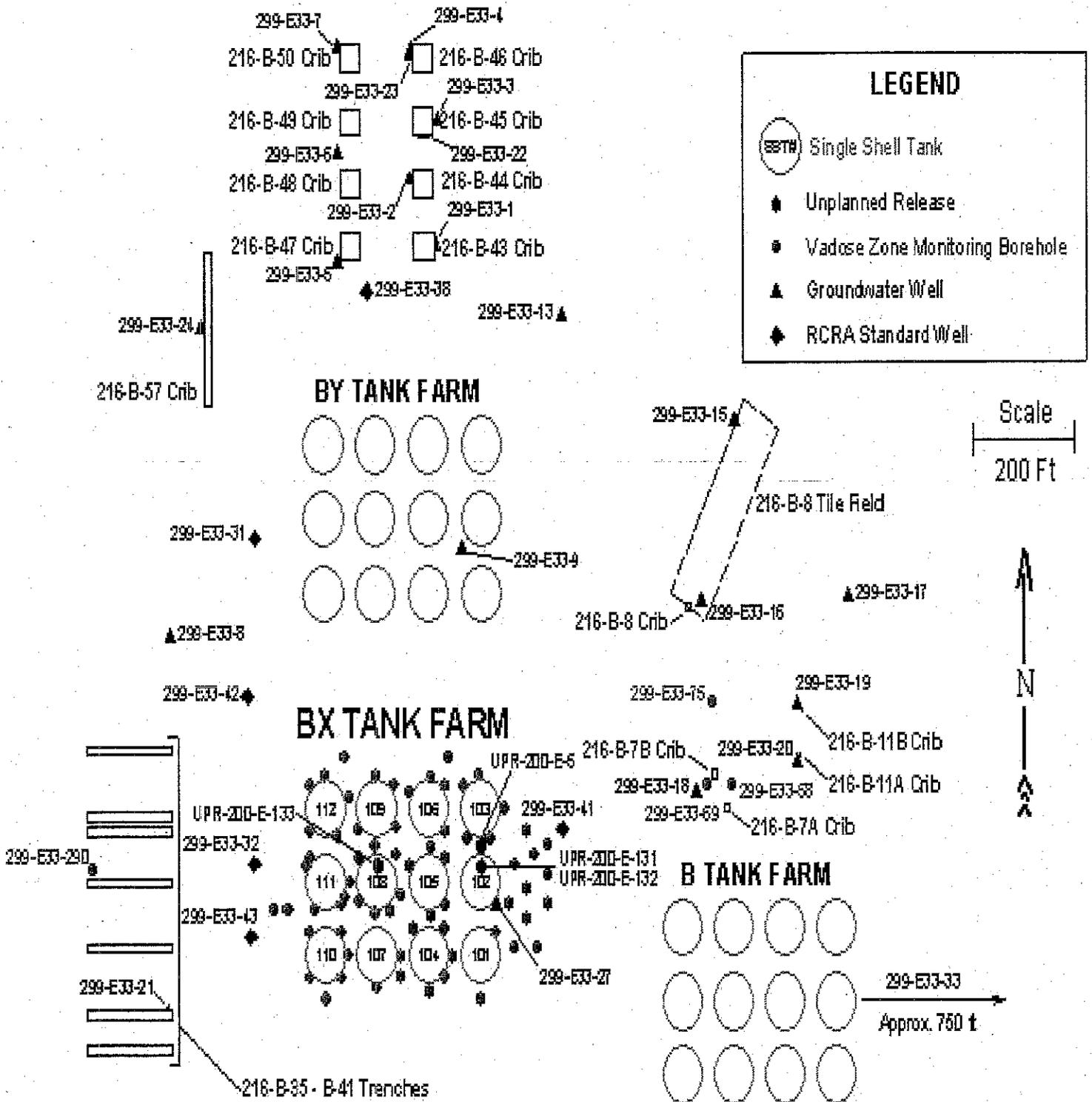


Figure 1. Location of WTP Boreholes (adapted from Gardner et al. 2006)



**Figure 14-9. Plan Map of the Area in the Vicinity of the BX Tank Farm Showing Adjacent Tank Farms, Waste Disposal Facilities, Unplanned Release Locations, and Monitoring Sites**

**BIWEEKLY REPORT**

**RESULT LOAD PERIOD: 8/1/2006-8/15/2006**

CONSTITUENT	METHOD NAME	GRDT	WELL	SAMPLE DATE	SAMPLE NUMBER	F	OWNER	CP	RESULT	DL	MCL	UNITS
<b>Report Project: BP-5-C</b>												
<b>Collect date range: 12/29/2005 - 7/20/2006</b>												
<b>Scientist: Dave Erb</b>												
Uranium	UTOT_KPA	ND	299-E27-23	6/8/2006	B1JB62	N	PNLGW	R	2.08		30	ug/L
		ND	299-E27-4	6/8/2006	B1JB73	N	PNLGW	R	2.55		30	ug/L
		ND	299-E27-7	6/15/2006	B1JB84	N	PNLGW	R	3.09		30	ug/L
		ND	299-E28-13	6/19/2006	B1J9D4	N	PNLGW	R	2.76		30	ug/L
		ND	299-E28-21	6/9/2006	B1J969	N	PNLGW	R	13.30		30	ug/L
		ND	299-E28-24	6/9/2006	B1J973	N	PNLGW	R	20.20		30	ug/L
		ND	299-E28-26	6/20/2006	B1JCL8	N	PNLGW	R	5.07		30	ug/L
		ND	299-E28-27	6/20/2006	B1JCL9	N	PNLGW	R	16.20		30	ug/L
		ND	299-E28-28	6/20/2006	B1JCM0	N	PNLGW	R	6.10		30	ug/L
		ND	299-E28-6	6/9/2006	B1J983	N	PNLGW	R	37.00*		30	ug/L
		ND	299-E32-10	6/9/2006	B1JCM1	N	PNLGW	R	25.10		30	ug/L
		ND	299-E32-3	6/20/2006	B1JCM3	N	PNLGW	R	16.40		30	ug/L
		ND	299-E32-7	6/20/2006	B1JCM7	N	PNLGW	R	18.80		30	ug/L
		ND	299-E33-13	5/15/2006	B1J4T0	N	PNLGW	R	94.80*	N	30	ug/L
		ND	299-E33-14	5/15/2006	B1J4T4	N	PNLGW	R	3.46	N	30	ug/L
		ND	299-E33-30	6/15/2006	B1JCL3	N	PNLGW	R	7.34		30	ug/L
		ND	299-E33-34	6/15/2006	B1JCL4	N	PNLGW	R	103.00*		30	ug/L
		ND	299-E33-35	6/15/2006	B1JCL5	N	PNLGW	R	5.79		30	ug/L
		ND	299-E33-35	6/15/2006	B1JCL6	N	PNLGW	R	5.88		30	ug/L
		ND	299-E33-36	5/15/2006	B1J4K5	N	PNLGW	R	3.03	N	30	ug/L
		ND	299-E33-41	5/15/2006	B1J4M5	N	PNLGW	R	38.00*	N	30	ug/L
		ND	299-E33-44	5/15/2006	B1J4N7	N	PNLGW	R	184.00*	N	30	ug/L
		ND	299-E33-7	5/15/2006	B1J3Y5	N	PNLGW	R	3.50	N	30	ug/L
		ND	299-E33-9	6/12/2006	B1JBL9	N	PNLGW	R	804.00*#		30	ug/L
Uranium-234	UIISO_PLATE_AEA	ND	699-50-53B	6/28/2006	B1J8B9	N	PNLGW	R	0.99			pCi/L
Uranium-235	UIISO_PLATE_AEA	ND	699-50-53B	6/28/2006	B1J8B9	N	PNLGW	R	0.01	U		pCi/L

Attachment 11, Figure 2

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

August 23, 2006

### SOURCE OPERABLE UNITS STATUS

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

- Technical discussions continued.

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

- Groundwater Remedial Actions initiated soil vapor extraction from the 216-Z-9 slant well on 8/01/06.
- FH review of internal draft of the RI Report started on 8/11/06. Draft A is due to the regulators on 10/30/06 (M-015-45A).
- EPA and DOE-RL concur that the existing carbon tetrachloride vadose zone data at Trench 4 in the 218-W-4C burial ground are sufficient and that no additional investigations need to be conducted at this location as part of the 200-PW-1 remedial investigation.
- Based on evaluation of the existing vadose zone data in the area west of the TX-TY tank farm, FH, Vista Engineering, and DOE-RL concluded that no additional vadose zone data need to be collected at this location as part of the dispersed carbon tetrachloride vadose zone plume investigation. Based on this further evaluation, EPA concurs that no additional investigations need to be conducted at this location as part of the 200-PW-1 remedial investigation.
- Vista Engineering has initiated vadose zone sampling in the Z-9 area using the Hydraulic Hammer Rig for subsurface access. Four of the nine planned locations at Z-9 have been completed. Vista will also sample 8 locations at Z-1A.
- The vadose zone data currently being collected at Z-9 and Z-1A by Vista Engineering using the Hydraulic Hammer Rig will not be available for inclusion in Draft A of the 200-PW-1 Remedial Investigation Report. Draft A will include text that will serve as a placeholder for this data indicating that the data will be included in the Feasibility Study.
- Vista Engineering drilled a well 190 ft deep at the headend of Z-1A to support the test. The well was geophysically logged on 6/29, and will be completed as an SVE well.
- Vista Engineering is planning to conduct the steam injection test at the Z-1A site in October.
- Vista Engineering is continuing to collect data from the two instrument trees installed in the air space of the 216-Z-9 trench in May 2006.
- Vista Engineering distributed review copies to FL and FH of Draft A of the interim report on the DNAPL investigation: DOE/RL-2006-58, Carbon Tetrachloride Dense Non-Aqueous Phase Liquid (DNAPL) Source Term Interim Characterization Report. Comments were requested by August 31.

#### **200-TW-1, 200-TW-2 & 200-PW-5 (no change)**

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

- EPA's expectation is that 200-CW-3 waste sites would be remediated to meet M-16-00A milestone (2012). EPA also encouraged use of the Remaining Sites ROD flexibility to look at other sites in 200 North Area.

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

- On August 15, 2006, RL provided a briefing to Ecology in support of the 200-PW-2/4 Feasibility Study. RL requested a review schedule from Ecology.

**200-CS-1**

- In response to the Ecology July 31, 2006 letter, RL will submit to Ecology by 8/31/06 a plan to update the Feasibility Study.

**200-CW-5, CW-2, CW-4, & SC-1 (no change)**

**Ecological Risk Assessment**

- RL has agreed to make changes to the Phase III SAP in response to EPA's position regarding installation of artificial animal burrows for vapor sampling and for addition of two offsite reference sites for soil sampling. The SAP has been revised for transmittal to RL.

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

- Draft DQO is in Tech Editing prior to distribution to decision makers.

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

- Development of responses to Ecology's RI Report comments is in progress. An extension has been requested.
- Efforts continued on preparation of FS. Activity is on schedule for submittal to Ecology by November 30, 2007.

**200-MW-1**

- Sampling and Analysis plan will be submitted in August.
- Continued efforts on FS.
- Field work planning is progressing for executing the direct push at E-102 trench.

**200-UR-1**

- Rev. 1 of Sampling and Analysis Plan in FH approval process.
- Non-intrusive surveys continue in BC Controlled Area.

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

- Mobile radiation surveys have been completed at all older/inactive burial grounds. A stationary survey is planned for a unique ring of hot spots at the 218-E-5/218-E-9 waste sites. A geophysical survey was completed at this location in early August to support the upcoming radiation surveys/analyses.
- Geophysical data collection at eight burial grounds was completed in July for: 218-E-1, 218-E-2A, 218-E-8, 218-E-12A, 218-W-1, 218-W-2, 218-W-3 and 218-W-11. Data have been evaluated and a summary report is undergoing internal review.
- Passive sampling for organic vapors was performed at over 130 locations in five burial grounds: 218-W-3A, 218-W-3AE, 218-W-4B, 218-W-4C and 218-W-5. Laboratory analyses have been completed, results have been received, and data are being evaluated.
- DQO interview sessions were held with DOE, EPA and Ecology in early August. Ecology has requested that interviews are held with the State of Oregon and the Tribes. Ecology has interviewed Shelly Cimon, State of Oregon and has sent a request to the Tribes to be interviewed for the DQO. These interviews are being conducted to prepare for the next DQO process that begins in September for defining the intrusive (and any additional nonintrusive) characterization that should be performed at 200-SW-2 waste sites.

### **BC Cribs and Trenches**

- Focus is on consideration of a Treatability Test that would provide information to address potential worker dose uncertainty, the contaminant distribution model(s), refinement of the excavation process, collection of remedial design information, and potential verification of the inventory model. Cost and schedule will be provided mid-August.

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

- Field work per the Time Critical Removal Action (TCRA) RAWP continues. All 200-W-42 pipeline has been removed. Transferred 1168 ERDF cans of waste (452 planned and 723 due to lateral spread of contaminants). We are excavating to 15' (+1,-0) (where necessary) and evaluating options for high field measured contamination levels >15'.
- SAP was revised to incorporate all Change Notices and reflect discrete samples for the stockpiles.
- Backfill Concurrence for the excavated area between 216-U-8 and 216-U-12 and the area immediately north of 216-U-8 is expected to be signed week of August 14.
- 200-W-42 pipeline excavation north and south of 16<sup>th</sup> Street is expected to begin on 8/15/06.
- Final Draft ROD and responsiveness summaries have been updated to respond to latest EPA comments. RL presented a recommended path forward for the ROD, (i.e.,

interim actions for the Cribs and 341-U-361 Settling Tank and final actions for all remaining UW-1 waste sites.

- Responsiveness summaries for TPA Change Request for reclassifying Crib 216-U-12 to a RCRA Past Practice (RPP) unit are being finalized for Tri-parties legal review.
- TPA Change Request to change 216-U-15 from a CPP to a RPP has been reviewed and updated. Package will be transmitted with U-12 package for final review. No public review is anticipated for this portion of the change request.
- PRGs / RAGs for 200-UW-1 need to be finalized. Modeling is near completion to determine goals based on 1000 and 10000 year MCLs. Results are being evaluated and results will be presented to RL, EPA and Ecology to determine acceptable PRGs / RAGs in mid-September. **Due to finding contamination below 15' at 200-W-42 excavation and possible need for this information in the ROD, establishing acceptable goals needs to be given a high priority.**
- Area C cultural review was sent for public review starting 7/3/06. Challenges are being made from Yakama Tribes and Washington State Department of Archaeology & Historic Preservation. RL is drafting a response to concerns.

## FACILITIES STATUS

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

Continued development of Remedial Design Engineering Alternatives Studies

- Canyon reactivation study (crane, HVAC, and electrical/lighting) (September).
- Equipment size reduction/cell space optimization study (Issued August 1)
- Canyon demolition study (August)

Continued development of Remedial Design and Remedial Action Work Plan (RD/RA Workplan)

- **Facility Binning**

The three agencies met on July 27 to develop a path forward for the Central Plateau Facility Binning Report and proposed TPA revisions to include key provisions of the facility binning process. A preliminary draft of an Agreement-in-Principle is being developed by August 31 for review by the parties.

Draft A of an EE/CA for non-time critical removal action of Bin C facilities is being prepared for transmittal to EPA and Ecology by the end of FY2006 for their review.

- **Miscellaneous Facility D&D**

Resuming D&D of five structures (2707E, 2713E, 2715E, 2719E and 2722E) that have already undergone initial demolition preparation activities. This effort provided fill-in work and a skills-sharpening opportunity for workers that have recently demolished PFP's 232-Z Waste Incinerator Facility.

**Issue Resolution Meeting  
Agreements and Issues List  
August 23, 2006  
200 Area Unit Managers' Meeting**

**None Identified**

**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
74	Provide BC Cribs and Trenches schedule for Treatability Test	DOE-Foley	EPA-Lobos	7/19/06	8/17/06		8/18/06	Closed
75	Ask ORP to attend monthly UMM meetings. Action will close upon response from ORP.	DOE-Tortoso	All	8/23/06	9/21/06			
76	Provide path forward on two 100-A sites in 100-A ROD	DOE-Foley	EPA-Lobos	8/23/06	9/21/06			
77	Send IS-1 DQO to RL, Ecology, and EPA.	FH-Hickey	All	8/23/06	9/6/06			
78	Present IS-1 DQO briefing to HAB	DOE-Leary	All	8/23/06	TBD			