LA-UR-11-10417
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Title:	Final Project Report, Land Application of Treated Groundwater From Monitoring Well CdV-16-4ip
Author(s):	Beers, Robert S.
Intended for:	NMED Report Environmental monitoring and surveillance Reading Room NM WQCC

Los Alamos
NATIONAL LABORATORY
EST. 1943

DRAFT

Environmental Protection Division
Water Quality & RCRA Group (ENV-RCRA)
P.O. Box 1663, Mail Stop K490
Los Alamos, New Mexico 87545
(505) 667-7969/FAX: (505) 665-9344

Date: May XX, 2011
Refer To: ENV-RCRA-11-
LA-UR: 11-

Mr. William Olson, Chief
Ground Water Quality Bureau
New Mexico Environment Department
Harold Runnels Building, Room N2250
1190 St. Francis Drive
P.O. Box 26110
Santa Fe, NM 87502

Dear Mr. Olson:

SUBJECT: FINAL PROJECT REPORT, LAND APPLICATION OF TREATED GROUNDWATER FROM MONITORING WELL CDV-16-4IP

On December 16, 2010, the New Mexico Environment Department (NMED) Ground Water Quality Bureau granted Los Alamos National Laboratory (the Laboratory) temporary permission to discharge treated groundwater from monitoring well CdV-16-4ip (Enclosure 1). One condition of your agency's approval was the submittal of a final project report:

> *12. A final project report shall be submitted to NMED within 30 days of the final cessation of discharge. The report shall present the total volume of treated water discharged and the analytical results of the RDX analyses for the project, and identification of the locations that received treated water.*

Between February 19 and April 6, 2011, the Laboratory pumped and treated approximately 341,000 gallons of groundwater from monitoring well CdV-16-4ip. Produced groundwater was treated with granular activated carbon (GAC) to remove RDX to less than 5 µg/L. Samples of GAC treated groundwater were collected twice per day and submitted to the Laboratory's Geochemistry & Geomaterials Research Laboratory (GGRL) for analysis. Post-treatment, groundwater was applied to the land surface at designated land application sites using a 5000-gal capacity water truck outfitted with a high-pressure sprayer capable of dispersing water up to 100 ft. Data collected from the above activities is summarized in the following enclosures:

- **Enclosure 2**. Tables 1, 2, and 3 presents a record of the date, time, volume (gal), and location of each truckload of ground water land applied under this project.

- **Enclosure 3**. Figure 1 is a location map showing the mesa-top areas receiving treated groundwater. Only Areas 1, 2, 3, and 4 were used during this project.

- **Enclosure 4**. Table 4 presents a record of all pre- and post-treatment analytical results from sampling of groundwater produced from monitoring well CdV-16-4ip.

Please contact me at (505) 667-7969 if you have questions regarding this final project report.

Sincerely,

Robert Beers
Water Quality & RCRA Group

Enclosures: a/s

Cy: Glenn Saums, NMED/SWQB, Santa Fe, NM, w/enc.
James Bearzi, NMED/HWB, Santa Fe, NM, w/enc.
Gene Turner, LASO-EO, w/enc., A316
Hai Shen, LASO-EO, w/enc., A316
Steve Yanicak, LASO-GOV, w/enc., M894
Michael B. Mallory, PADOPS, w/o enc., A102
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Michael Graham, ADEP, w/o enc., M991
Victoria George, REG-DO, w/o enc., M991
Kate Lynnes, REG-COM, w/o enc., M991
John McCann, PMFS-DO, w/enc., M992
Tim Goering, ET-EI, w/enc., M992
Mark Everett, ET-EI, w/o enc., M992
Mike Saladen, ENV-RCRA, w/o enc., (E-File)
Jennifer Griffin, ENV-RCRA, w/enc., K490
ENV-RCRA File, w/enc., K490
IRM-RMMSO, w/enc., A150

ENCLOSURE 1

NEW MEXICO
ENVIRONMENT DEPARTMENT

Ground Water Quality Bureau

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BILL RICHARDSON
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Lieutenant Governor

RON CURRY
Secretary

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

December 16, 2010

Anthony R. Grieggs, Group Leader
Environmental Protection Division
Water Quality & RECR (ENV-RCRA)
P.O. Box 1663, Mail Stop K-490
Los Alamos, NM 87545

RE: Response to Notice of Intent to Discharge and Request for Temporary Permission to Discharge for Treated Development and Pump Test Water at TA-16, [AI:856, PRD201000008]

Dear Mr. Grieggs:

The Ground Water Quality Bureau of the New Mexico Environment Department received a Notice of Intent, dated October 27, 2010, from the Los Alamos National Laboratory (LANL) regarding the one-time discharge of 200,000 – 400,000 gallons of treated pump test and development ground water from intermediate monitoring well CdV-16-4ip. The ground water contains the "toxic pollutant" hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX), as defined by Section 20.6.2.7.WW NMAC, New Mexico Water Quality Control Commission (WQCC) Regulations, (20.6.2 NMAC). Development water will be generated from the well in an attempt to remove fine-grained sediments to restore porosity and permeability of the formation materials around the well screen. Pump test water will be generated during pump tests conducted in order to measure aquifer parameters in accordance with the NMED-approved *Hydrologic Testing Work Plan for Consolidated Unit 16-021(c)-99*. LANL's NOI and proposal for discharge under temporary permission involve removing the RDX from the development and pump test water to a concentration of < 3 µg/L using a granular activated carbon (GAC) treatment system and discharging the treated water by water trucks for dust control of dirt roads in the vicinity.

Section 20.6.2.3104 NMAC of the WQCC Regulations prohibits the discharge of effluent or leachate in such a manner that the effluent or leachate could move directly or indirectly into ground water without a Discharge Permit. None of the exemptions identified under Section 20.6.2.3105 NMAC apply to this discharge. The discharge is located at Technical Area 16 (TA-16), at Section 29, Township 19N, Range 6E, Los Alamos National Laboratory, Los Alamos County. **Pursuant to Subsection A of 20.6.2.3106 NMAC; you are hereby notified that a Discharge Permit is required for this discharge.**

Any appeal of this determination that a Discharge Permit is required must be made to the New Mexico WQCC within 30 days of receipt of this letter, in accordance with Subsection B of 20.6.2.3112 NMAC. A copy of the WQCC Regulations, 20.6.2 NMAC, is available at http://www.nmcpr.state.nm.us/nmac/_title20/T20C006.htm.

Due to the temporary nature of the discharge and in place of a Discharge Permit, temporary approval to discharge for up to 120 days is hereby granted in accordance with Section 20.6.2.3106.B NMAC, with the following conditions:

1. Water generated from the development and pump testing of monitoring well CdV-16-4ip shall be contained and treated to < 3 µg/L RDX prior to discharge.
2. The total volume of treated water discharged shall be recorded.
3. Land application of the treated water shall not occur in a watercourse or result in run-off to a watercourse.
4. Land application of the treated water shall not result in ponding or pooling.
5. Land application shall be conducted in a manner that maximizes infiltration and evaporation.
6. Land application is restricted to daylight hours and a maximum of 10 hours per day.
7. Land application must be supervised at all times.
8. Land application of the treated water is prohibited while precipitation is occurring or during times when the ground is saturated, frozen or covered with ice.
9. LANL shall collect representative samples of the treated water twice daily and analyze the samples for RDX using a method with a minimum detection limit (MDL) of 2 µg/L for RDX. All sample collection, preservation and analysis shall conform to the methods identified in Section 20.6.2.3107.B. of the WQCC Regulations.
10. Should a RDX sample analysis reveal the presence of RDX at a concentration of 5.5 µg/L[1] or greater, discharge of treated water shall immediately cease and NMED shall be notified. Following replacement of the GAC treatment vessel and NMED authorization, discharge may resume.
11. All GAC treatment vessels used in the temporary treatment system shall be properly disposed in accordance with all local, state and federal laws and regulations.
12. A final project report shall be submitted to NMED within 30 days of the final cessation of discharge. The report shall present the total volume of treated water discharged and the analytical results of the RDX analyses for the project, and identification of the locations that received the treated water.

[1] This value represents 90% of the EPA Regional Screening Level for RDX

This temporary approval to discharge is for one time only and is granted for up to 120 days. Therefore, discharges performed under this temporary approval shall cease by April 15, 2011. Should LANL seek to perform temporary on-site treatment and discharge of contaminated water at any location within the Laboratory in the future, an application for a ground water Discharge Permit must be submitted to NMED in accordance with Section 20.6.2.3106 NMAC.

If you have any questions, please contact either Jennifer Fullam at (505) 827-2909 or Robert George of the Ground Water Pollution Prevention Section, at (505) 476-3648.

Sincerely,

George Schuman for W. Olson

William C. Olson, Chief
Ground Water Quality Bureau

WO:RJG/rg

Cc: Robert Italiano, Manager, NMED District II
Richard Powell, NMED SWQB
James Bearzi, Chief, NMED HWB
Steven Yanicak, NMED-DOE-Oversight Bureau
Erik Galloway, NMED-DOE-Oversight Bureau
Gene Turner, LASO-EO, Los Alamos National Laboratory, A316, Los Alamos, NM 87545
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Bob Beers, ENV-RCRA, Los Alamos National Laboratory, MS K497, Los Alamos, NM 87545
Mark Haagenstad, ENV-RCRA, Los Alamos National Laboratory, K490, Los Alamos, NM 87545
County File
NOI File

ENCLOSURE 2

ENCLOSURE 2
CdV-16-4ip Development and Pump Test Water Land Application Data

Table 1. Information on the Land Application of Treated Development Water From CdV-16-4ip.

Batch Number	Date of Application	Time of Application	Volume Applied (gallons)	Location of Application
D1	2/19/2011	8:00 AM	4,500	Area 1 (east)
D2	2/19/2011	9:00 AM	4,500	Area 1 (west)
D3	2/19/2011	12:30 PM	4,500	Areas 2 & 3
D4	2/19/2011	2:00 PM	0	RDX high; reprocessed
D5	2/22/2011	2:30 PM	4,500	Areas 1 & 2
D6	2/22/2011	3:30 PM	4,500	Areas 1 & 2
D7	2/22/2011	4:30 PM	4,500	Area 1 (east)
D8	2/22/2011	5:00 PM	2,500	Area 1 (west)
D9	2/23/2011	9:30 AM	4,500	Areas 2 & 3
D10	2/23/2011	10:30 AM	4,500	Areas 2 & 3
D11	2/23/2011	11:30 AM	4,500	Areas 2, 3 & 4
D12	2/23/2011	1:30 PM	4,500	Areas 2, 3 & 4
D13	2/23/2011	2:30 PM	4,500	Areas 3 & 4
D14	2/23/2011	3:30 PM	4,500	Areas 3 & 4
D15	2/23/2011	4:10 PM	4,500	Areas 2, 3 & 4
Development Water Land Application Total			**61,000**	

Table 2. Information on the Land Application of Treated Water From the Upper Screen PumpTest at CdV-16-4ip.

Batch Number	Date of Application	Time of Application	Volume Applied (gallons)	Location of Application
PT1-1	2/28/2011	12:00 PM	4,500	Areas 1, 2, 3 & 4
PT1-2	2/28/2011	1:00 PM	4,500	Areas 1, 2, 3 & 4
PT1-3	2/28/2011	2:00 PM	4,500	Areas 1, 2, 3 & 4
PT1-4	2/28/2011	3:00 PM	4,500	Areas 1, 2, 3 & 4
PT1-5	2/28/2011	4:00 PM	4,500	Areas 1, 2, 3 & 4
PT1-6	2/28/2011	5:00 PM	4,500	Areas 1, 2, 3 & 4
PT1-7	3/1/2011	10:30 AM	4,500	Areas 1, 2, 3 & 4
PT1-8	3/1/2011	11:30 AM	4,500	Areas 1, 2, 3 & 4
PT1-9	3/1/2011	1:00 PM	4,500	Areas 1, 2, 3 & 4
PT1-10	3/1/2011	2:00 PM	4,500	Areas 1, 2, 3 & 4
PT1-11	3/1/2011	3:30 PM	4,500	Areas 1, 2, 3 & 4
PT1-12	3/1/2011	4:30 PM	4,500	Areas 1, 2, 3 & 4
PT1-13	3/2/2011	11:30 AM	4,500	Areas 1, 2, 3 & 4
PT1-14	3/2/2011	1:00 PM	4,500	Areas 1, 2, 3 & 4
PT1-15	3/2/2011	2:00 PM	4,500	Areas 1, 2, 3 & 4
PT1-16	3/2/2011	3:00 PM	4,500	Areas 1, 2, 3 & 4
PT1-17	3/3/2011	11:30 AM	4,500	Areas 1, 2, 3 & 4
PT1-18	3/3/2011	12:30 PM	4,500	Areas 1, 2, 3 & 4
PT1-19	3/3/2011	1:30 PM	4,500	Areas 1, 2, 3 & 4
PT1-20	3/3/2011	2:30 PM	4,500	Areas 1, 2, 3 & 4
PT1-21	3/4/2011	11:30 AM	4,500	Areas 1, 2, 3 & 4
PT1-22	3/4/2011	12:30 PM	4,500	Areas 1, 2, 3 & 4
PT1-23	3/4/2011	1:30 PM	4,500	Areas 1, 2, 3 & 4
PT1-24	3/4/2011	3:00 PM	4,500	Areas 1, 2, 3 & 4
PT1-25	3/7/2011	9:00 AM	4,500	Areas 1, 2, 3 & 4
PT1-26	3/7/2011	10:00 AM	4,500	Areas 1, 2, 3 & 4
PT1-27	3/7/2011	11:00 AM	4,500	Areas 1, 2, 3 & 4

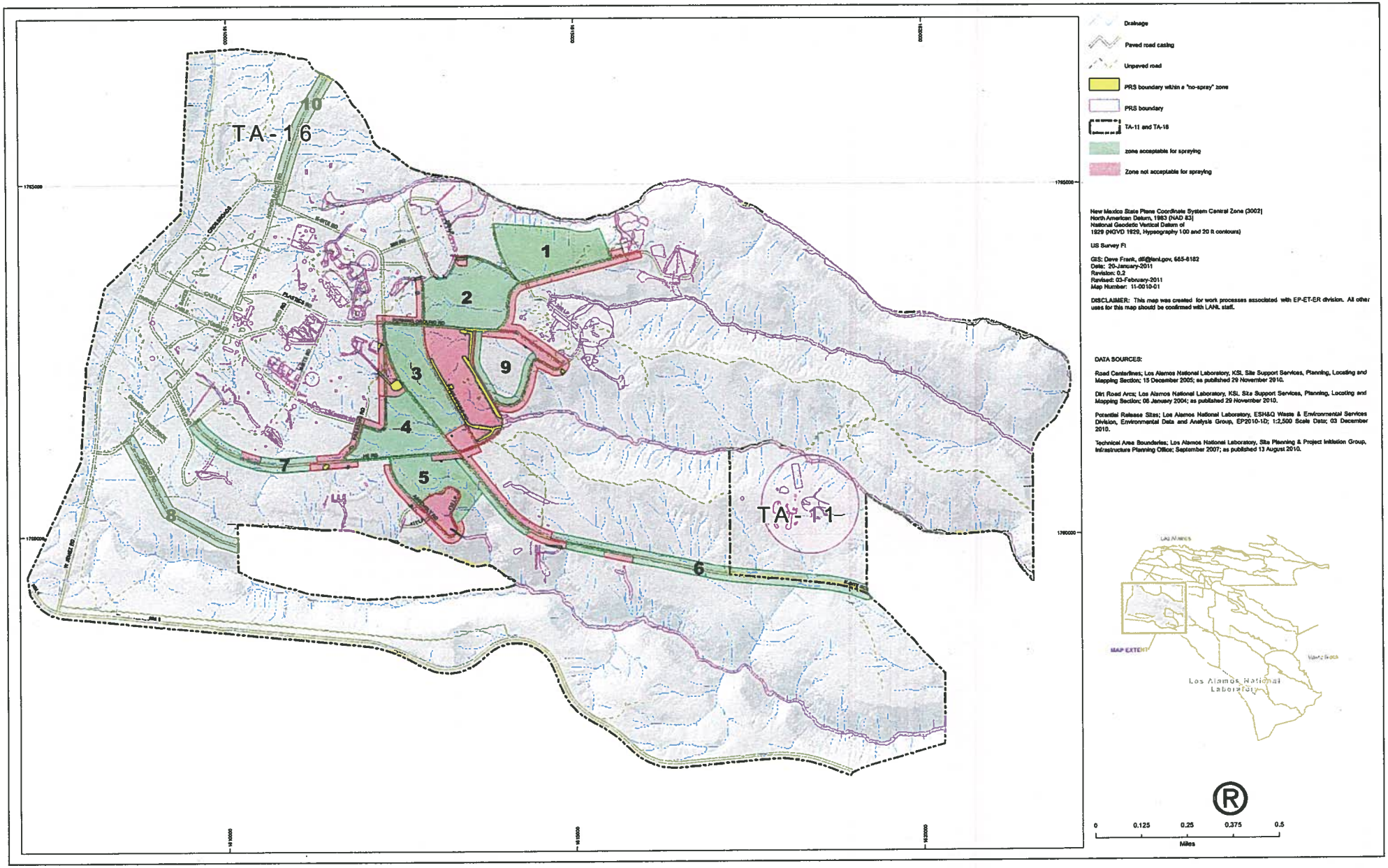
Table 2. Continued

Batch Number	Date of Application	Time of Application	Volume Applied (gallons)	Location of Application
PT1-28	3/7/2011	12:00 PM	4,500	Areas 1, 2, 3 & 4
PT1-29	3/7/2011	1:00 PM	4,500	Areas 1, 2, 3 & 4
PT1-30	3/7/2011	2:00 PM	4,500	Areas 1, 2, 3 & 4
PT1-31	3/7/2011	3:00 PM	4,500	Areas 1, 2, 3 & 4
PT1-32	3/8/2011	1:00 PM	4,500	Areas 1, 2, 3 & 4
PT1-33	3/8/2011	1:30 PM	4,500	Areas 1, 2, 3 & 4
PT1-34	3/8/2011	2:30 PM	4,500	Areas 1, 2, 3 & 4
PT1-35	3/8/2011	3:00 PM	4,500	Areas 1, 2, 3 & 4
PT1-36	3/9/2011	11:30 AM	4,500	Areas 1, 2, 3 & 4
PT1-37	3/9/2011	12:30 PM	4,500	Areas 1, 2, 3 & 4
PT1-38	3/9/2011	1:30 PM	4,500	Areas 1, 2, 3 & 4
PT1-39	3/9/2011	2:30 PM	4,500	Areas 1, 2, 3 & 4
PT1-40	3/10/2011	2:30 PM	4,500	Areas 1, 2, 3 & 4
Upper Screen Pump Test Land Application Total			**180,000**	

Table 3. Information on the Land Application of Treated Water From the Lower Screen Pump Test at CdV-16-4ip.

Batch Number	Date of Application	Time of Application	Volume Applied (gallons)	Location of Application
PT2-1	3/25/2011	10:00 AM	4,500	Areas 1, 2, 3 & 4
PT2-2	3/25/2011	11:00 AM	4,500	Areas 1, 2, 3 & 4
PT2-3	3/25/2011	12:00 PM	4,500	Areas 1, 2, 3 & 4
PT2-4	3/25/2011	1:00 PM	4,500	Areas 1, 2, 3 & 4
PT2-5	3/25/2011	2:00 PM	4,000	Areas 1, 2, 3 & 4
PT2-6	3/28/2011	10:00 AM	4,500	Areas 1, 2, 3 & 4
PT2-7	3/28/2011	11:00 AM	4,500	Areas 1, 2, 3 & 4
PT2-8	3/28/2011	12:00 PM	4,500	Areas 1, 2, 3 & 4
PT2-9	3/28/2011	2:00 PM	4,500	Areas 1, 2, 3 & 4
PT2-10	3/28/2011	3:00 PM	4,000	Areas 1, 2, 3 & 4
PT2-11	3/30/2011	9:30 AM	4,500	Areas 1, 2, 3 & 4
PT2-12	3/30/2011	10:00 AM	4,500	Areas 1, 2, 3 & 4
PT2-13	3/30/2011	10:30 AM	4,500	Areas 1, 2, 3 & 4
PT2-14	3/30/2011	11:00 AM	4,500	Areas 1, 2, 3 & 4
PT2-15	3/30/2011	1:00 PM	4,000	Areas 1, 2, 3 & 4
PT2-16	4/4/2011	9:30 AM	4,500	Areas 1, 2, 3 & 4
PT2-17	4/4/2011	10:30 AM	4,500	Areas 1, 2, 3 & 4
PT2-18	4/4/2011	11:30 AM	4,500	Areas 1, 2, 3 & 4
PT2-19	4/4/2011	12:30 PM	4,500	Areas 1, 2, 3 & 4
PT2-20	4/4/2011	1:30 PM	4,500	Areas 1, 2, 3 & 4
PT2-21	4/4/2011	2:30 PM	4,500	Areas 1, 2, 3 & 4
PT2-22	4/4/2011	3:30 PM	4,500	Areas 1, 2, 3 & 4
PT2-23	4/6/2011	2:00 PM	2,500	Areas 1, 2, 3 & 4
Lower Screen Pump Test Land Application Total			**100,000**	

ENCLOSURE 3


TA-16
TA-11
1
2
3
4
5
6
7
8
9
10
Drainage
Paved road casing
Unpaved road
PRS boundary within a "no-spray" zone
PRS boundary
TA-11 and TA-16
zone acceptable for spraying
Zone not acceptable for spraying
New Mexico State Plane Coordinate System Central Zone (3002)
North American Datum, 1983 (NAD 83)
National Geodetic Vertical Datum of
1929 (NGVD 1929, Hypsography 100 and 20 ft contours)
US Survey Ft
GIS: Dave Frank, df6@lanl.gov, 665-8182
Date: 20-January-2011
Revision: 0.2
Revised: 03-February-2011
Map Number: 11-0010-01
DISCLAIMER: This map was created for work processes associated with EP-ET-ER division. All other uses for this map should be confirmed with LANL staff.
DATA SOURCES:
Road Centerlines; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section; 15 December 2005; as published 29 November 2010.
Dirt Road Arcs; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section; 08 January 2004; as published 29 November 2010.
Potential Release Sites; Los Alamos National Laboratory, ESH&Q Waste & Environmental Services Division, Environmental Data and Analysis Group, EP2010-1D; 1:2,500 Scale Data; 03 December 2010.
Technical Area Boundaries; Los Alamos National Laboratory, Site Planning & Project Initiation Group, Infrastructure Planning Office; September 2007; as published 13 August 2010.
Los Alamos
MAP EXTENT
Los Alamos National Laboratory
0
0.125
0.25
0.375
0.5
Miles

ENCLOSURE 4

DRAFT

ENCLOSURE 4
RDX Screening Samples, CdV-16-4ip

Table 4. RDX Results From the Sampling of Development and Pump Test Water From CdV-16-4ip.

Location ID	Sample ID/Event ID	Date Collected	Time Collected	Collection Depth (ft bgs)	Sample Port	Sample Type	Analysis	Result
Treatment of Development Water								
CdV-16-4ip	GW16-11-5071/3383	2/19/2011	0101	NA	Downstream of GAC tank #1	Treated development water	RDX (ug/L)	<2
CdV-16-4ip	GW16-11-5072/3383	2/19/2011	0102	NA	Downstream of GAC tank #2	Treated development water	RDX (ug/L)	<2
CdV-16-4ip	GW16-11-5073/3383	2/19/2011	1300	NA	Downstream of GAC tank #1	Treated development water	RDX (ug/L)	<2
CdV-16-4ip	GW16-11-5074/3383	2/19/2011	1300	NA	Downstream of GAC tank #2	Treated development water	RDX (ug/L)	<2
CdV-16-4ip	GW16-11-5076/3383	2/20/2011	0101	NA	Downstream of GAC tank #1	Treated development water	RDX (ug/L)	<2
CdV-16-4ip	GW16-11-5077/3383	2/20/2011	0102	NA	Downstream of GAC tank #2	Treated development water	RDX (ug/L)	<2
CdV-16-4ip	GW16-11-5078/3383	2/20/2011	1300	NA	Downstream of GAC tank #1	Treated development water	RDX (ug/L)	<2
CdV-16-4ip	GW16-11-5079/3383	2/20/2011	1300	NA	Downstream of GAC tank #2	Treated development water	RDX (ug/L)	<2
CdV-16-4ip	GW16-11-5086/3383	2/21/2011	0101	NA	Downstream of GAC tank #1	Treated development water	RDX (ug/L)	<2
CdV-16-4ip	GW16-11-5087/3383	2/21/2011	0102	NA	Downstream of GAC tank #2	Treated development water	RDX (ug/L)	<2
CdV-16-4ip	GW16-11-5088/3383	2/21/2011	1300	NA	Downstream of GAC tank #1	Treated development water	RDX (ug/L)	<2
CdV-16-4ip	GW16-11-5089/3383	2/21/2011	1300	NA	Downstream of GAC tank #2	Treated development water	RDX (ug/L)	<2
CdV-16-4ip	GW16-11-5090/3383	2/22/2011	0101	NA	Downstream of GAC tank #1	Treated development water	RDX (ug/L)	<5
CdV-16-4ip	GW16-11-5091/3383	2/22/2011	0102	NA	Downstream of GAC tank #2	Treated development water	RDX (ug/L)	<5
CdV-16-4ip	GW16-11-5092/3383	2/22/2011	1300	NA	Downstream of GAC tank #1	Treated development water	RDX (ug/L)	<5
CdV-16-4ip	GW16-11-5093/3383	2/22/2011	1300	NA	Downstream of GAC tank #2	Treated development water	RDX (ug/L)	<5
CdV-16-4ip	GW16-11-5117/3383	2/23/2011	0101	NA	Downstream of GAC tank #1	Treated development water	RDX (ug/L)	<5
CdV-16-4ip	GW16-11-5118/3383	2/23/2011	0102	NA	Downstream of GAC tank #2	Treated development water	RDX (ug/L)	<5
CdV-16-4ip	GW16-11-5119/3383	2/23/2011	1300	NA	Downstream of GAC tank #1	Treated development water	RDX (ug/L)	<5
CdV-16-4ip	GW16-11-5120/3383	2/23/2011	1300	NA	Downstream of GAC tank #2	Treated development water	RDX (ug/L)	<5

ENCLOSURE 4
RDX Screening Samples, CdV-16-4ip

Table 4. continued

Location ID	Sample ID/Event ID	Date Collected	Time Collected	Collection Depth (ft bgs)	Sample Port	Sample Type	Analysis	Result
Pumping of Upper Screen (Step Tests), Upper Screen: 815.6 to 879.2								
CdV-16-4ip	GW4ip-11-4307/3349	2/25/2011	1300	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	200
CdV-16-4ip	GW4ip-11-4308/3349	2/25/2011	1300	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4309/3349	2/25/2011	1300	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4311/3349	2/26/2011	0100	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4312/3349	2/26/2011	0100	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
Pumping of Upper Screen								
CdV-16-4ip	GW4ip-11-4313/3349	2/26/2011	1300	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	303
CdV-16-4ip	GW4ip-11-4314/3349	2/26/2011	1300	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	5
CdV-16-4ip	GW4ip-11-4315/3349	2/26/2011	1300	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4316/3349	2/27/2011	0100	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	146
CdV-16-4ip	GW4ip-11-4317/3349	2/27/2011	0100	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4318/3349	2/27/2011	0100	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4319/3349	2/27/2011	1300	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	143
CdV-16-4ip	GW4ip-11-4320/3349	2/27/2011	1300	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4321/3349	2/27/2011	1300	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4322/3349	2/28/2011	0100	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	155
CdV-16-4ip	GW4ip-11-4323/3349	2/28/2011	0100	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4324/3349	2/28/2011	0100	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4325/3349	2/28/2011	1300	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	158
CdV-16-4ip	GW4ip-11-4326/3349	2/28/2011	1300	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4327/3349	2/28/2011	1300	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5

Table 4. continued

Location ID	Sample ID/Event ID	Date Collected	Time Collected	Collection Depth (ft bgs)	Sample Port	Sample Type	Analysis	Result
Pumping of Upper Screen continued								
CdV-16-4ip	GW4ip-11-4328/3349	3/1/2011	0100	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	180.7
CdV-16-4ip	GW4ip-11-4329/3349	3/1/2011	0100	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4330/3349	3/1/2011	0100	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4331/3349	3/1/2011	1300	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	176.5
CdV-16-4ip	GW4ip-11-4332/3349	3/1/2011	1300	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4333/3349	3/1/2011	1300	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4334/3349	3/2/2011	0100	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	169
CdV-16-4ip	GW4ip-11-4335/3349	3/2/2011	0100	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4336/3349	3/2/2011	0100	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4337/3349	3/2/2011	1300	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	145
CdV-16-4ip	GW4ip-11-4338/3349	3/2/2011	1300	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4339/3349	3/2/2011	1300	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4340/3349	3/3/2011	0100	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	191
CdV-16-4ip	GW4ip-11-4341/3349	3/3/2011	0100	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4342/3349	3/3/2011	0100	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4343/3349	3/3/2011	1300	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	180
CdV-16-4ip	GW4ip-11-4344/3349	3/3/2011	1300	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4345/3349	3/3/2011	1300	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4346/3349	3/4/2011	0100	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	193
CdV-16-4ip	GW4ip-11-4347/3349	3/4/2011	0100	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4348/3349	3/4/2011	0100	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<3

Table 4. continued

Location ID	Sample ID/Event ID	Date Collected	Time Collected	Collection Depth (ft bgs)	Sample Port	Sample Type	Analysis	Result
Pumping of Upper Screen continued								
CdV-16-4ip	GW4ip-11-4349/3349	3/4/2011	1300	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	198
CdV-16-4ip	GW4ip-11-4350/3349	3/4/2011	1300	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4351/3349	3/4/2011	1300	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4352/3349	3/5/2011	0100	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	170
CdV-16-4ip	GW4ip-11-4353/3349	3/5/2011	0100	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4354/3349	3/5/2011	0100	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4355/3349	3/5/2011	1300	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	164
CdV-16-4ip	GW4ip-11-4356/3349	3/5/2011	1300	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4357/3349	3/5/2011	1300	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4358/3349	3/6/2011	0100	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	172
CdV-16-4ip	GW4ip-11-4359/3349	3/6/2011	0100	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4360/3349	3/6/2011	0100	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4361/3349	3/6/2011	1300	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	174
CdV-16-4ip	GW4ip-11-4362/3349	3/6/2011	1300	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4363/3349	3/6/2011	1300	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4364/3349	3/7/2011	0100	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	187
CdV-16-4ip	GW4ip-11-4365/3349	3/7/2011	0100	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4366/3349	3/7/2011	0100	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-5660/3349	3/7/2011	1300	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	174
CdV-16-4ip	GW4ip-11-5661/3349	3/7/2011	1300	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-5662/3349	3/7/2011	1300	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<3

ENCLOSURE 4
RDX Screening Samples, CdV-16-4ip

Table 4. continued

Location ID	Sample ID/Event ID	Date Collected	Time Collected	Collection Depth (ft bgs)	Sample Port	Sample Type	Analysis	Result
Pumping of Upper Screen continued								
CdV-16-4ip	GW4ip-11-5663/3349	3/8/2011	0100	815.6 – 879.2	Well head	Pump water	RDX (ug/L)	182
CdV-16-4ip	GW4ip-11-5664/3349	3/8/2011	0100	815.6 – 879.2	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-5665/3349	3/8/2011	0100	815.6 – 879.2	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<3
Pumping of Lower Screen (Step Tests), Lower Screen: 1110 to 1141.1								
CdV-16-4ip	GW4ip-11-6465/3418	3/21/2011	0755	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	79
CdV-16-4ip	GW4ip-11-6466/3418	3/21/2011	0825	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	52
CdV-16-4ip	GW4ip-11-6467/3418	3/21/2011	0830	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	24
CdV-16-4ip	GW4ip-11-6468/3418	3/21/2011	0930	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	21
CdV-16-4ip	GW4ip-11-6469/3418	3/21/2011	1030	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	30
CdV-16-4ip	GW4ip-11-6470/3418	3/21/2011	1130	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	16
CdV-16-4ip	GW4ip-11-6471/3418	3/21/2011	1230	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	39
CdV-16-4ip	GW4ip-11-4247/3348	3/21/2011	1300	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	25
CdV-16-4ip	GW4ip-11-6472/3418	3/21/2011	1327	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	37
Pumping of Lower Screen								
CdV-16-4ip	GW4ip-11-6539/3427	3/22/2011	1200	1110 – 1141.1	Well head	Pump water	XRD Analysis	
CdV-16-4ip	GW4ip-11-6473/3418	3/22/2011	1400	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	15
CdV-16-4ip	GW4ip-11-6474/3418	3/22/2011	1600	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	20
CdV-16-4ip	GW4ip-11-6475/3418	3/22/2011	1800	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	17
CdV-16-4ip	GW4ip-11-6476/3418	3/22/2011	2000	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	19
CdV-16-4ip	GW4ip-11-6477/3418	3/22/2011	2200	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	16
CdV-16-4ip	GW4ip-11-6478/3418	3/23/2011	0000	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	18
CdV-16-4ip	GW4ip-11-4250/3348	3/23/2011	0100	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	14
CdV-16-4ip	GW4ip-11-4251/3348	3/23/2011	0100	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4252/3348	3/23/2011	0100	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-6481/3418	2/23/2011	1200	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	20
CdV-16-4ip	GW4ip-11-6479/3418	3/23/2011	0400	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	20

Table 4. continued

Location ID	Sample ID/Event ID	Date Collected	Time Collected	Collection Depth (ft bgs)	Sample Port	Sample Type	Analysis	Result
Pumping of Lower Screen continued								
CdV-16-4ip	GW4ip-11-6480/3418	3/23/2011	0800	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	19
CdV-16-4ip	GW4ip-11-4253/3348	3/23/2011	1300	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	25
CdV-16-4ip	GW4ip-11-4254/3348	3/23/2011	1300	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4255/3348	3/23/2011	1300	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-6482/3418	3/23/2011	1600	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	21
CdV-16-4ip	GW4ip-11-6483/3418	3/24/2011	0000	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	22
CdV-16-4ip	GW4ip-11-4256/3348	3/24/2011	0100	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	22
CdV-16-4ip	GW4ip-11-4257/3348	3/24/2011	0100	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4258/3348	3/24/2011	0100	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4259/3348	3/24/2011	1300	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	20
CdV-16-4ip	GW4ip-11-4260/3348	3/24/2011	1300	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4261/3348	3/24/2011	1300	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<3
CdV-16-4ip	GW4ip-11-4262/3348	3/25/2011	0100	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	24
CdV-16-4ip	GW4ip-11-4263/3348	3/25/2011	0100	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4264/3348	3/25/2011	0100	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4265/3348	3/25/2011	1300	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	21
CdV-16-4ip	GW4ip-11-4266/3348	3/25/2011	1300	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4267/3348	3/25/2011	1300	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4268/3348	3/26/2011	0100	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	27
CdV-16-4ip	GW4ip-11-4269/3348	3/26/2011	0100	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4270/3348	3/26/2011	0100	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4271/3348	3/26/2011	1300	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	31
CdV-16-4ip	GW4ip-11-4272/3348	3/26/2011	1300	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5

ENCLOSURE 4
RDX Screening Samples, CdV-16-4ip

Table 4. continued

Location ID	Sample ID/Event ID	Date Collected	Time Collected	Collection Depth (ft bgs)	Sample Port	Sample Type	Analysis	Result
Pumping of Lower Screen continued								
CdV-16-4ip	GW4ip-11-4273/3348	3/26/2011	1300	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4274/3348	3/27/2011	0100	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	29
CdV-16-4ip	GW4ip-11-4275/3348	3/27/2011	0100	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4276/3348	3/27/2011	0100	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4277/3348	3/27/2011	1300	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	28
CdV-16-4ip	GW4ip-11-4278/3348	3/27/2011	1300	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	>5
CdV-16-4ip	GW4ip-11-4279/3348	3/27/2011	1300	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4280/3348	3/28/2011	0100	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	27
CdV-16-4ip	GW4ip-11-4281/3348	3/28/2011	0100	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4282/3348	3/28/2011	0100	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4283/3348	3/28/2011	1300	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	28
CdV-16-4ip	GW4ip-11-4284/3348	3/28/2011	1300	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4285/3348	3/28/2011	1300	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4286/3348	3/29/2011	0100	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	26
CdV-16-4ip	GW4ip-11-4287/3348	3/29/2011	0100	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4288/3348	3/29/2011	0100	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4289/3348	3/29/2011	1300	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	28
CdV-16-4ip	GW4ip-11-4290/3348	3/29/2011	1300	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4291/3348	3/29/2011	1300	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4292/3348	3/30/3011	0100	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	22
CdV-16-4ip	GW4ip-11-4293/3348	3/30/2011	0100	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4294/3348	3/30/2011	0100	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5

Table 4. continued

Location ID	Sample ID/Event ID	Date Collected	Time Collected	Collection Depth (ft bgs)	Sample Port	Sample Type	Analysis	Result
Pumping of Lower Screen continued								
CdV-16-4ip	GW4ip-11-4295/3348	3/30/2011	1300	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	25
CdV-16-4ip	GW4ip-11-4296/3348	3/30/2011	1300	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4297/3348	3/30/2011	1300	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4298/3348	3/31/2011	0100	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	23
CdV-16-4ip	GW4ip-11-4299/3348	3/31/2011	0100	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4300/3348	3/31/3011	0100	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4301/3348	3/31/2011	1300	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	25
CdV-16-4ip	GW4ip-11-4302/3348	3/31/2011	1300	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4303/3348	3/31/2011	1300	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4304/3348	4/1/2011	0100	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	28
CdV-16-4ip	GW4ip-11-4305/3348	4/1/2011	0100	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-4306/3348	4/1/2011	0100	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-7390/3348	4/1/2011	1200	1110 – 1141.1	Well head	Pump water	RDX (ug/L)	21
CdV-16-4ip	GW4ip-11-7391/3348	4/1/2011	1200	1110 – 1141.1	Downstream of GAC tank #1	Treated pump water	RDX (ug/L)	<5
CdV-16-4ip	GW4ip-11-7392/3348	4/1/2011	1200	1110 – 1141.1	Downstream of GAC tank #2	Treated pump water	RDX (ug/L)	<5