Los Alamos
NATIONAL LABORATORY
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NMED
Hazardous Waste Bureau

Environmental Protection & Compliance Division
Environmental Compliance Programs (EPC-CP)
PO Box 1663, K490
Los Alamos, New Mexico 87545
(505) 667-0666

National Nuclear Security Administration
Los Alamos Field Office, A316
3747 West Jemez Road
Los Alamos, New Mexico, 87544
(505) 606-0397/Fax (505) 284-7522

Date: MAY 0 2 2016
Symbol: EPC-DO-16-108
LA-UR: 16-22692
Locates Action No.: N/A

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

Mr. John E. Kieling, Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Bldg 1
Santa Fe, NM 87505

Dear Ms. Hunter and Mr. Kieling:

Subject: Decision Tree Annual Report for 2015

On March 12, 2010, the New Mexico Environment Department (NMED) issued the "Los Alamos National Laboratory Drilling, Development, Rehabilitation, and Sampling Purge Water Decision Tree—Revised 03/12/2010" (Decision Tree) to the US Department of Energy (DOE) and Los Alamos National Security, LLC (LANS). The Decision Tree (Enclosure 1) provides the Laboratory with direction regarding the discharge of groundwater associated with the drilling, development, rehabilitation, and purging of monitoring wells. Under Decision Tree requirement "R1," the DOE/LANS are required to report to the NMED on an annual basis the following information:

1. Source and type of land applied water
2. Determination of fate based on pass/fail criteria for land application
3. Dates of disposal (land application)
4. Volumes and location of discharged water, and
5. A statement certifying that the water was disposed of in accordance with the Decision Tree

This letter and the following enclosures are the Decision Tree Annual Report for 2015. In accordance with the requirements of the Decision Tree, DOE/LANS discharged approximately 167,062 gallons of groundwater to the land surface during 2015.

37558

- Enclosure 2 contains the information required by nos. 1, 2, 3, and 4, as listed above.
- Enclosure 3 contains the certification statement, as required by no. 5 above.

Please contact Robert S. Beers by telephone at (505) 667-7969 or by email at bbeers@lanl.gov if you have questions regarding this report.

Sincerely,

John P. McCann
Acting Division Leader
Environmental Protection & Compliance Division
Los Alamos National Security LLC

Sincerely,

Pete Maggio for

Jody M. Pugh
Assistant Manager
National Security Missions
Los Alamos Field Office

JPM:JMP:MTS:RSB:LJD/lm

Enclosures: (1) Decision Tree for the Land Application of Groundwater
(2) 2015 Annual Report
(3) Certification Statement

Cy: James Hogan, NMED/SWQB, Santa Fe, NM, (E-File)
Stephen M. Yanicak, NMED/DOE/OB, (E-File)
Jody M. Pugh, NA-LA, (E-File)
Jordan Arnswald, NA-LA, (E-File)
Kirsten Laskey, EM-LA, (E-File)
Craig S. Leasure, PADOPS, (E-File)
William R. Mairson, PADOPS, (E-File)
Michael T. Brandt, ADESH, (E-File)
Raeanna Sharp-Geiger, ADESH, (E-File)
John P. McCann, EPC-DO, (E-File)
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3. Dates of disposal (land application)
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5. A statement certifying that the water was disposed of in accordance with the Decision Tree

This letter and the following enclosures are the Decision Tree Annual Report for 2015. In accordance with the requirements of the Decision Tree, DOE/LANS discharged approximately 167,062 gallons of groundwater to the land surface during 2015.

ENCLOSURE 1

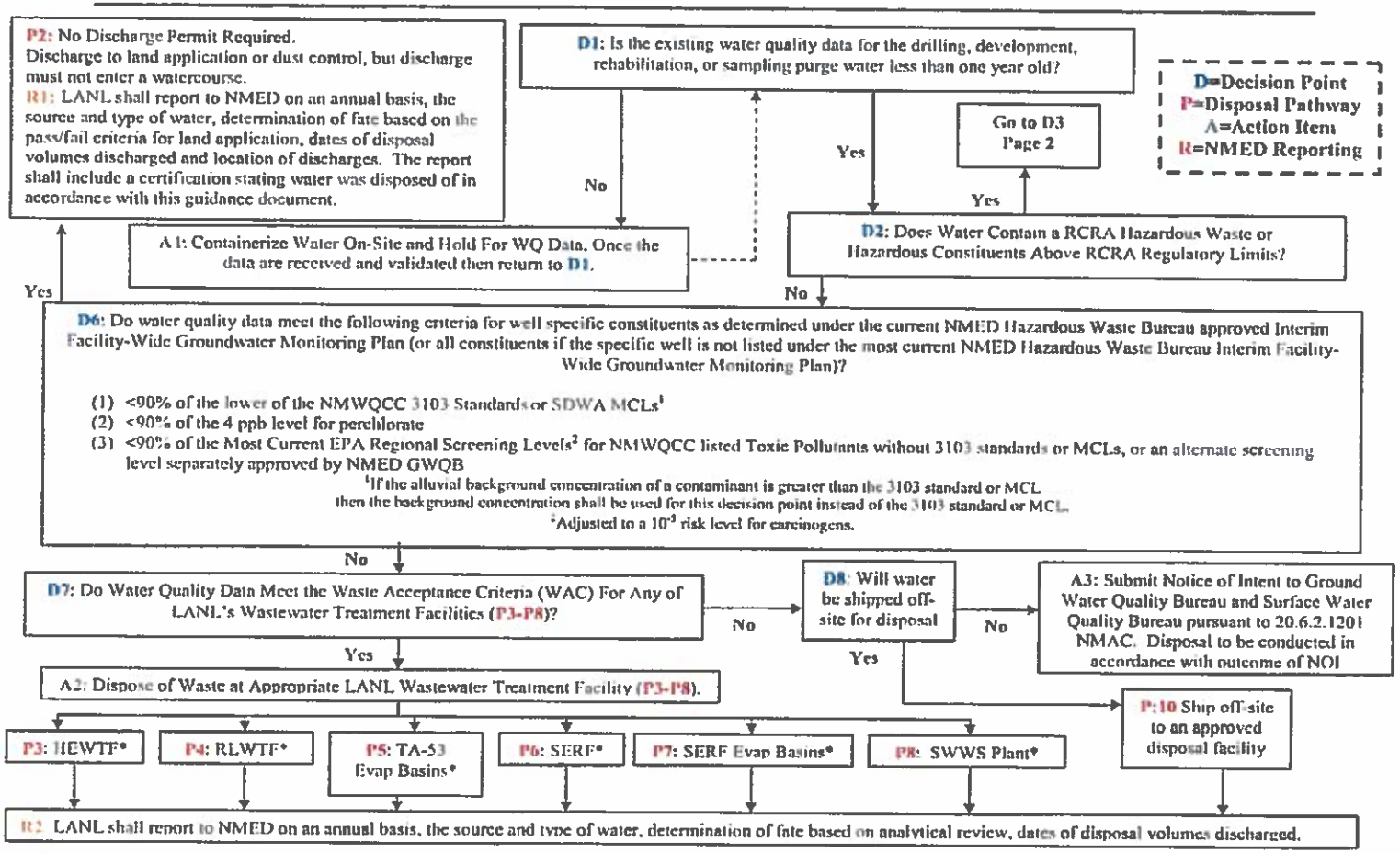
Decision Tree for the Land Application of Groundwater

EPC-DO-16-108

LA-UR-16-22692

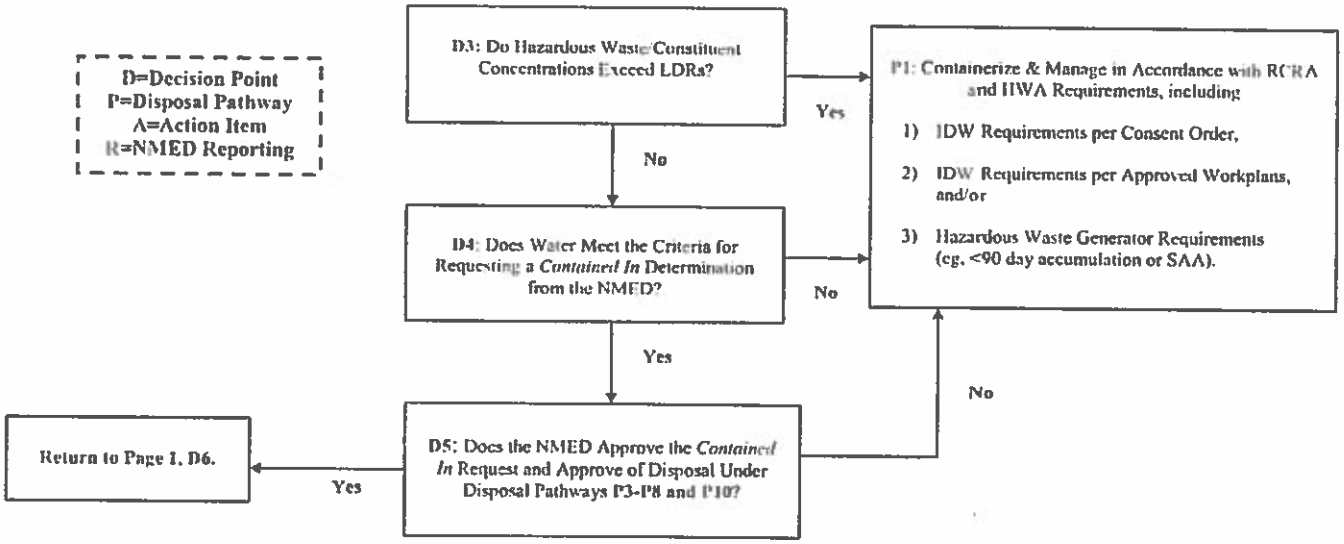
Date: MAY 0 2 2016

Los Alamos National Laboratory Drilling, Development, Rehabilitation and Sampling Purge Water Decision Tree—Revised 03/12/2010



***Nothing in this guidance document shall be construed as relieving the United States Department of Energy or the Los Alamos National Security, LLC, of its obligation to comply with all other applicable federal, state, and local laws, regulations, permits or orders.**

Los Alamos National Laboratory Drilling, Development, Rehabilitation and Sampling Purge Water Decision Tree—Revised 03/12/2010



*Nothing in this guidance document shall be construed as relieving the United States Department of Energy or the Los Alamos National Security, LLC, of its obligation to comply with all other applicable federal, state, and local laws, regulations, permits or orders.

ENCLOSURE 2

2015 Annual Report

EPC-DO-16-108

LA-UR-16-22692

Date: MAY 0 2 2016

Enclosure 2 - Los Alamos National Laboratory Drilling, Development, Rehabilitation, and Sampling Purge Water Decision Tree -- Revised 03/12/2010 Annual Report 2015

Cnt	Well Name	Well Type	Watershed	Activity Type	Data Certification Date	Decision Point D6 Compliant (Y/N)	Method	Location	Land Application Date	Volume (gal)
1	R-9	Regional	Los Alamos	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	01/28/2015	290
2	R-66	Regional	Los Alamos	Sampling Purge Water	09/30/2014	Y	Sprinkler	Vicinity of Well	01/28/2015	225
3	R-6	Regional	Los Alamos	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	01/28/2015	400
4	LAOI-7	Intermediate	Los Alamos	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	01/28/2015	50
5	TA-53i	Intermediate	Los Alamos	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	01/29/2015	120
6	R-23i	Intermediate	Pajarito	Sampling Purge Water	12/05/2014	Y	Sprinkler	Vicinity of Well	01/29/2015	145
7	R-23	Regional	Pajarito	Sampling Purge Water	12/05/2014	Y	Sprinkler	Vicinity of Well	01/29/2015	200
8	R-37	Regional	Canada del Buey	Sampling Purge Water	11/25/2014	Y	Sprinkler	Vicinity of Well	01/29/2015	232
9	R-23	Regional	Pajarito	Sampling Purge Water	12/05/2014	Y	Sprinkler	Vicinity of Well	01/29/2015	220
10	16-26644	Intermediate	Water	Sampling Purge Water	07/07/2014	Y	Direct Discharge	Vicinity of Well	02/02/2015	15
11	CdV-15-3	Regional	Water	Sampling Purge Water	05/09/2014	Y	Sprinkler	Vicinity of Well	02/02/2015	215
12	R-25b	Intermediate	Water	Sampling Purge Water	09/08/2014	Y	Sprinkler	Vicinity of Well	02/02/2015	52
13	R-57	Regional	Pajarito	Sampling Purge Water	07/07/2014	Y	Sprinkler	Vicinity of Well	02/02/2015	260
14	R-41	Regional	Pajarito	Sampling Purge Water	10/09/2014	Y	Sprinkler	Vicinity of Well	02/02/2015	154
15	R-39	Regional	Pajarito	Sampling Purge Water	01/09/2014	Y	Sprinkler	Vicinity of Well	02/02/2015	211
16	R-26	Regional	Water	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	02/03/2015	304
17	R-63	Regional	Water	Sampling Purge Water	07/16/2014	Y	Sprinkler	Vicinity of Well	02/04/2015	780
18	R-55	Regional	Canada del Buey	Sampling Purge Water	07/07/2014	Y	Sprinkler	Vicinity of Well	02/04/2015	370
19	R-48	Regional	Canon de Valle	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	02/04/2015	734
20	R-18	Regional	Pajarito	Sampling Purge Water	07/15/2014	Y	Sprinkler	Vicinity of Well	02/05/2015	804
21	R-47i	Intermediate	Water	Sampling Purge Water	06/26/2014	Y	Sprinkler	Vicinity of Well	02/05/2015	151
22	R-27i	Intermediate	Water	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	02/06/2015	53
23	R-27	Regional	Water	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	02/06/2015	210
24	CdV-37-1i	Intermediate	Water	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	02/06/2015	143
25	R-38	Regional	Mortandad	Sampling Purge Water	01/13/2016	Y	Sprinkler	Vicinity of Well	02/10/2015	167
26	LAWS-01	Intermediate	Los Alamos	Sampling Purge Water	11/25/2014	Y	Sprinkler	Road Shoulders	02/12/2015	80
27	DT-5a	Regional	Ancho	Sampling Purge Water	02/03/2015	Y	Sprinkler	Road Shoulders	02/12/2015	125
28	R-56	Regional	Canada del Buey	Sampling Purge Water	12/05/2014	Y	Water Truck	Road Shoulders	02/18/2015	857
29	R-47	Regional	Canon de Valle	Sampling Purge Water	02/03/2015	Y	Water Truck	Road Shoulders	02/19/2015	80,640
30	R-36	Regional	Sandia	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	02/24/2015	200
31	R-11	Regional	Sandia	Sampling Purge Water	12/05/2014	Y	Sprinkler	Vicinity of Well	02/24/2015	201
32	R-35b	Regional	Sandia	Sampling Purge Water	07/07/2014	Y	Sprinkler	Vicinity of Well	02/24/2015	235
33	R-35a	Regional	Sandia	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	03/04/2015	780
34	R-33	Regional	Mortandad	Sampling Purge Water	12/05/2014	Y	Sprinkler	Vicinity of Well	03/04/2015	485
35	R-13	Regional	Mortandad	Sampling Purge Water	12/05/2014	Y	Sprinkler	Vicinity of Well	03/05/2015	530
36	R-43	Regional	Sandia	Sampling Purge Water	12/05/2014	Y	Sprinkler	Vicinity of Well	03/05/2015	128
37	R-45	Regional	Mortandad	Sampling Purge Water	07/07/2014	Y	Sprinkler	Vicinity of Well	03/05/2015	523
38	R-44	Regional	Mortandad	Sampling Purge Water	12/05/2014	Y	Sprinkler	Vicinity of Well	03/05/2015	430
39	PCI-2	Intermediate	Pajarito	Sampling Purge Water	12/05/2014	Y	Sprinkler	Vicinity of Well	03/06/2015	74
40	R-50	Regional	Mortandad	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	03/06/2015	294
41	CdV-37-2	Regional	Water	Sampling Purge Water	09/08/2014	Y	Sprinkler	Vicinity of Well	03/10/2015	2,296
42	R-47	Regional	Canon de Valle	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	03/10/2015	564
43	R-66	Regional	Los Alamos	Sampling Purge Water	03/13/2015	Y	Sprinkler	Vicinity of Well	03/12/2015	241
44	R-29	Regional	Water	Sampling Purge Water	06/26/2014	Y	Sprinkler	Vicinity of Well	03/12/2015	377
45	R-63i	Intermediate	Water	Drilling	02/17/2015	Y	Water Truck	Dirt Roads	04/08/2015	31,000
46	R-21	Regional	Mortandad	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	04/29/2015	647
47	R-38	Regional	Mortandad	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	04/29/2015	167
48	R-53	Regional	Pajarito	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	04/29/2015	615
49	R-20	Regional	Pajarito	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	04/29/2015	396
50	R-49	Regional	Pajarito	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	04/29/2015	534
51	R-55	Regional	Canada del Buey	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	04/30/2015	653
52	LLAO-4	Alluvial	Los Alamos	Sampling Purge Water	05/13/2015	Y	Direct Discharge	Vicinity of Well	05/28/2015	8

Cnt	Well Name	Well Type	Watershed	Activity Type	Data Certification Date	Decision Point D6 Compliant (Y/N)	Method	Location	Land Application Date	Volume (gal)
53	R-57	Regional	Pajarito	Sampling Purge Water	06/16/2015	Y	Sprinkler	Vicinity of Well	06/09/2015	465
54	R-41	Regional	Pajarito	Sampling Purge Water	10/09/2014	Y	Sprinkler	Vicinity of Well	06/09/2015	155
55	R-39	Regional	Pajarito	Sampling Purge Water	01/09/2014	Y	Sprinkler	Vicinity of Well	06/09/2015	182
56	R-52	Regional	Canada del Buey	Sampling Purge Water	11/25/2014	Y	Sprinkler	Vicinity of Well	06/12/2015	420
57	R-37	Regional	Canada del Buey	Sampling Purge Water	11/25/2014	Y	Sprinkler	Vicinity of Well	06/12/2015	392
58	R-54	Regional	Pajarito	Sampling Purge Water	11/25/2014	Y	Sprinkler	Vicinity of Well	06/15/2015	440
59	R-23	Regional	Pajarito	Sampling Purge Water	12/05/2014	Y	Sprinkler	Vicinity of Well	06/15/2015	210
60	R-32	Regional	Pajarito	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	06/15/2015	306
61	R-23i	Intermediate	Pajarito	Sampling Purge Water	12/05/2014	Y	Sprinkler	Vicinity of Well	06/15/2015	286
62	PCI-2	Intermediate	Pajarito	Sampling Purge Water	12/05/2014	Y	Sprinkler	Vicinity of Well	06/15/2015	68
63	R-40	Regional	Pajarito	Sampling Purge Water	11/25/2014	Y	Sprinkler	Vicinity of Well	06/15/2015	228
64	R-4	Regional	Pueblo	Sampling Purge Water	05/14/2015	Y	Sprinkler	Vicinity of Well	06/16/2015	270
65	POI-4	Intermediate	Pueblo	Sampling Purge Water	05/13/2015	Y	Direct Discharge	Vicinity of Well	06/16/2015	35
66	TW-2ar	Intermediate	Pueblo	Sampling Purge Water	05/13/2015	Y	Sprinkler	Vicinity of Well	06/16/2015	51
67	R-24	Regional	Pueblo	Sampling Purge Water	05/13/2015	Y	Sprinkler	Vicinity of Well	06/16/2015	420
68	R-6	Regional	Los Alamos	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	06/17/2015	292
69	R-64	Regional	Los Alamos	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	06/17/2015	275
70	SCI-1	Intermediate	Sandia	Sampling Purge Water	04/30/2014	Y	Direct Discharge	Vicinity of Well	06/18/2015	9
71	R-11	Regional	Sandia	Sampling Purge Water	12/05/2014	Y	Sprinkler	Vicinity of Well	06/18/2015	212
72	R-35a	Regional	Sandia	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	06/18/2015	784
73	R-35b	Regional	Sandia	Sampling Purge Water	05/04/2015	Y	Sprinkler	Vicinity of Well	06/18/2015	245
74	R-36	Regional	Sandia	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	06/18/2015	162
75	R-3i	Intermediate	Pueblo	Sampling Purge Water	05/13/2015	Y	Direct Discharge	Vicinity of Well	06/18/2015	26
76	R-43	Regional	Sandia	Sampling Purge Water	04/30/2015	Y	Sprinkler	Vicinity of Well	06/18/2015	123
77	R-1	Regional	Mortandad	Sampling Purge Water	05/05/2015	Y	Sprinkler	Vicinity of Well	06/23/2015	252
78	R-56	Regional	Canada del Buey	Sampling Purge Water	12/05/2014	Y	Sprinkler	Vicinity of Well	06/23/2015	568
79	R-45	Regional	Mortandad	Sampling Purge Water	04/30/2015	Y	Sprinkler	Vicinity of Well	06/23/2015	518
80	R-44	Regional	Mortandad	Sampling Purge Water	12/05/2014	Y	Sprinkler	Vicinity of Well	06/23/2015	430
81	R-33	Regional	Mortandad	Sampling Purge Water	12/05/2014	Y	Sprinkler	Vicinity of Well	06/23/2015	470
82	R-13	Regional	Mortandad	Sampling Purge Water	05/04/2015	Y	Sprinkler	Vicinity of Well	06/23/2015	540
83	R-60	Regional	Mortandad	Sampling Purge Water	05/04/2015	Y	Sprinkler	Vicinity of Well	06/24/2015	225
84	R-14	Regional	Mortandad	Sampling Purge Water	05/04/2015	Y	Sprinkler	Vicinity of Well	06/24/2015	224
85	R-51	Regional	Pajarito	Sampling Purge Water	05/04/2015	Y	Sprinkler	Vicinity of Well	06/24/2015	577
86	R-50	Regional	Mortandad	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	06/25/2015	368
87	R-18	Regional	Pajarito	Sampling Purge Water	05/04/2015	Y	Sprinkler	Vicinity of Well	06/29/2015	446
88	CdV-37-2	Regional	Water	Sampling Purge Water	05/07/2015	Y	Sprinkler	Vicinity of Well	06/29/2015	1,134
89	R-47	Regional	Canon de Valle	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	06/29/2015	260
90	R-30	Regional	Ancho	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	06/29/2015	249
91	R-29	Regional	Water	Sampling Purge Water	06/26/2014	Y	Sprinkler	Vicinity of Well	06/29/2015	377
92	R-46	Regional	Pajarito	Sampling Purge Water	04/30/2015	Y	Sprinkler	Vicinity of Well	06/30/2015	477
93	R-34	Regional	Mortandad	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	08/31/2015	432
94	R-10a	Regional	Sandia	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	08/31/2015	367
95	R-21	Regional	Mortandad	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	10/01/2015	648
96	R-41	Regional	Pajarito	Sampling Purge Water	10/09/2014	Y	Sprinkler	Vicinity of Well	10/01/2015	162
97	R-39	Regional	Pajarito	Sampling Purge Water	01/09/2014	Y	Sprinkler	Vicinity of Well	10/01/2015	217
98	R-38	Regional	Mortandad	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	10/01/2015	172
99	R-32	Regional	Pajarito	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	10/01/2015	310
100	R-57	Regional	Pajarito	Sampling Purge Water	06/16/2015	Y	Sprinkler	Vicinity of Well	10/01/2015	268
101	R-53	Regional	Pajarito	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	10/01/2015	271
102	R-49	Regional	Pajarito	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	10/01/2015	276
103	R-23	Regional	Pajarito	Sampling Purge Water	12/05/2014	Y	Sprinkler	Vicinity of Well	10/02/2015	253
104	R-55	Regional	Canada del Buey	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	10/02/2015	384

Cnt	Well Name	Well Type	Watershed	Activity Type	Data Certification Date	Decision Point D6 Compliant (Y/N)	Method	Location	Land Application Date	Volume (gal)
105	R-37	Regional	Canada del Buey	Sampling Purge Water	11/25/2014	Y	Sprinkler	Vicinity of Well	10/02/2015	220
106	R-45	Regional	Mortandad	Sampling Purge Water	04/30/2015	Y	Sprinkler	Vicinity of Well	10/02/2015	525
107	R-44	Regional	Mortandad	Sampling Purge Water	07/28/2015	Y	Sprinkler	Vicinity of Well	10/02/2015	543
108	R-13	Regional	Mortandad	Sampling Purge Water	05/04/2015	Y	Sprinkler	Vicinity of Well	10/02/2015	559
109	R-51	Regional	Pajarito	Sampling Purge Water	05/04/2015	Y	Sprinkler	Vicinity of Well	10/02/2015	220
110	R-11	Regional	Sandia	Sampling Purge Water	07/28/2015	Y	Sprinkler	Vicinity of Well	10/06/2015	216
111	R-33	Regional	Mortandad	Sampling Purge Water	07/28/2015	Y	Sprinkler	Vicinity of Well	10/06/2015	528
112	R-50	Regional	Mortandad	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	10/06/2015	357
113	R-36	Regional	Sandia	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	10/06/2015	179
114	R-35b	Regional	Sandia	Sampling Purge Water	05/04/2015	Y	Sprinkler	Vicinity of Well	10/06/2015	254
115	R-35a	Regional	Sandia	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	10/06/2015	770
116	R-43	Regional	Sandia	Sampling Purge Water	04/30/2015	Y	Sprinkler	Vicinity of Well	10/06/2015	645
117	R-47	Regional	Canon de Valle	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	10/07/2015	256
118	R-3	Regional	Pueblo	Sampling Purge Water	08/13/2015	Y	Sprinkler	Vicinity of Well	10/07/2015	1,182
119	R-18	Regional	Pajarito	Sampling Purge Water	05/04/2015	Y	Sprinkler	Vicinity of Well	10/07/2015	421
120	R-17	Regional	Pajarito	Sampling Purge Water	08/13/2015	Y	Sprinkler	Vicinity of Well	10/07/2015	398
121	CdV-15-3	Regional	Water	Sampling Purge Water	06/22/2015	Y	Sprinkler	Vicinity of Well	10/07/2015	210
122	TA-53i	Intermediate	Los Alamos	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	10/07/2015	160
123	R-64	Regional	Los Alamos	Sampling Purge Water	08/13/2015	Y	Sprinkler	Vicinity of Well	10/07/2015	271
124	R-66	Regional	Los Alamos	Sampling Purge Water	03/13/2015	Y	Sprinkler	Vicinity of Well	10/07/2015	220
125	R-6	Regional	Los Alamos	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	10/07/2015	341
126	CdV-37-2	Regional	Water	Sampling Purge Water	05/07/2015	Y	Sprinkler	Vicinity of Well	10/08/2015	1,130
127	R-25b	Intermediate	Water	Sampling Purge Water	06/23/2015	Y	Sprinkler	Vicinity of Well	10/08/2015	42
128	R-63	Regional	Water	Sampling Purge Water	06/22/2015	Y	Sprinkler	Vicinity of Well	10/08/2015	474
129	R-26	Regional	Water	Sampling Purge Water	02/03/2015	Y	Direct Discharge	Vicinity of Well	10/08/2015	1
130	16-26644	Intermediate	Water	Sampling Purge Water	06/22/2015	Y	Direct Discharge	Vicinity of Well	10/08/2015	13
131	R-56	Regional	Canada del Buey	Sampling Purge Water	12/05/2014	Y	Sprinkler	Vicinity of Well	10/13/2015	295
132	R-2	Regional	Pueblo	Sampling Purge Water	08/13/2015	Y	Sprinkler	Vicinity of Well	10/13/2015	122
133	R-29	Regional	Water	Sampling Purge Water	08/13/2015	Y	Sprinkler	Vicinity of Well	10/13/2015	450
134	R-12	Regional	Sandia	Sampling Purge Water	10/28/2015	Y	Sprinkler	Vicinity of Well	11/25/2015	485
135	R-16	Regional	Mortandad	Sampling Purge Water	10/28/2015	Y	Sprinkler	Vicinity of Well	11/25/2015	1,097
136	R-57	Regional	Pajarito	Sampling Purge Water	06/16/2015	Y	Sprinkler	Vicinity of Well	11/25/2015	530
137	R-20	Regional	Pajarito	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	11/25/2015	188
138	R-49	Regional	Pajarito	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	11/25/2015	533
139	R-16r	Regional	Mortandad	Sampling Purge Water	10/28/2015	Y	Sprinkler	Vicinity of Well	11/25/2015	229
140	R-55	Regional	Canada del Buey	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	12/09/2015	715
141	R-38	Regional	Mortandad	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	12/09/2015	217
142	R-21	Regional	Mortandad	Sampling Purge Water	03/31/2015	Y	Sprinkler	Vicinity of Well	12/09/2015	650
143	R-11	Regional	Sandia	Sampling Purge Water	07/28/2015	Y	Sprinkler	Vicinity of Well	12/11/2015	189
144	R-36	Regional	Sandia	Sampling Purge Water	11/10/2015	Y	Sprinkler	Vicinity of Well	12/11/2015	169
145	R-35b	Regional	Sandia	Sampling Purge Water	05/04/2015	Y	Sprinkler	Vicinity of Well	12/11/2015	265
146	R-35a	Regional	Sandia	Sampling Purge Water	11/10/2015	Y	Sprinkler	Vicinity of Well	12/11/2015	821
147	R-50	Regional	Mortandad	Sampling Purge Water	02/03/2015	Y	Sprinkler	Vicinity of Well	12/14/2015	358
148	R-43	Regional	Sandia	Sampling Purge Water	04/30/2015	Y	Sprinkler	Vicinity of Well	12/14/2015	140
149	R-44	Regional	Mortandad	Sampling Purge Water	07/28/2015	Y	Sprinkler	Vicinity of Well	12/15/2015	451
150	R-13	Regional	Mortandad	Sampling Purge Water	05/04/2015	Y	Sprinkler	Vicinity of Well	12/15/2015	468
151	R-45	Regional	Mortandad	Sampling Purge Water	04/30/2015	Y	Sprinkler	Vicinity of Well	12/15/2015	512
152	R-18	Regional	Pajarito	Sampling Purge Water	05/04/2015	Y	Sprinkler	Vicinity of Well	12/16/2015	430
153	16-26644	Intermediate	Water	Sampling Purge Water	06/22/2015	Y	Direct Discharge	Vicinity of Well	12/16/2015	10
154	R-33	Regional	Mortandad	Sampling Purge Water	07/28/2015	Y	Sprinkler	Vicinity of Well	12/21/2015	545
155	R-47	Regional	Canon de Valle	Sampling Purge Water	12/14/2015	Y	Sprinkler	Vicinity of Well	12/21/2015	252
156	R-1	Regional	Mortandad	Sampling Purge Water	11/10/2015	Y	Sprinkler	Vicinity of Well	12/21/2015	290

2015 Total:	**167,062**

ENCLOSURE 3

Certification Statement

EPC-DO-16-108

LA-UR-16-22692

Date: MAY 0 2 2016

ENCLOSURE 3

CERTIFICATION STATEMENT

Los Alamos National Laboratory Drilling, Development, Rehabilitation, and Sampling Purge Water Decision Tree—Revised 03/12/2010

Document Title and Date:
DECISION TREE ANNUAL REPORT FOR 2015 **April, 2016**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name of certifying official	Title:	Organization:	Date signed:
Bruce A. Robinson	Program Director	ADEM-PO	4/25/2016

Name of certifying official	Title:	Organization:	Date signed:
Anthony R. Grieggs	Group Leader	EPC-CP	4/26/16