



N3B-Los Alamos
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Environmental Management
 Los Alamos Field Office
 P.O. Box 1663, MS M984
 Los Alamos, New Mexico 87545
 (505) 257-7950/FAX (505) 606-2132

Date: March 29, 2021
Refer To: N3B-2021-0074

Michelle Hunter, Chief
 Ground Water Quality Bureau
 New Mexico Environment Department
 1190 S. St. Francis Drive
 Santa Fe, NM 87502-5469

Kevin Pierard, Chief
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building 1
 Santa Fe, NM 87505-6313

Subject: Land Application of Groundwater Decision Tree Annual Report for 2020

Dear Ms. Hunter and Mr. Pierard:

On December 2, 2016, the New Mexico Environment Department (NMED) approved the revised "Decision Tree for Land Application of Groundwater," dated November 2016 (hereafter, Decision Tree). The Decision Tree provides direction regarding the discharge of groundwater associated with the drilling, development, rehabilitation, and purging of monitoring wells. Enclosed is the U.S. Department of Energy (DOE) Environmental Management Los Alamos Field Office (EM-LA) and Newport News Nuclear BWXT-Los Alamos, LLC (N3B) submittal of the annual report required by Decision Tree reporting point R1. Under R1, EM-LA/N3B are required to report annually by March 31 to NMED the following information:

1. Source and type of water
2. Determination of fate based on pass/fail criteria (for decision point 6) for land application
3. Date, volume, and location of each discharge (land application)
4. Statement certifying that the water was disposed of in accordance with the Decision Tree
5. Identification of all wells whose land application status changed during the reporting period

The enclosed annual report, including certification statement, provides the information required above.

The enclosed annual report indicates the area where the purge water was land applied. The purge water did meet the criteria for decision point D6 of the Decision Tree for land application of the groundwater.

In accordance with the requirements of the Decision Tree, EM-LA/N3B discharged approximately 75,500 gal. of groundwater to the land surface during 2020. Two wells that previously met land-application criteria had a change in status in 2020. R-45 Screen 1 had an exceedance in chromium levels, making the purge water unacceptable for land application. R-61 Screen 1 had an exceedance of perchlorate, making the purge water unacceptable for land application.

If you have any questions, please contact Christian Maupin at (505) 695-4281 (christian.maupin@em-la.doe.gov) or Cheryl Rodriguez at (505) 414-0450 (cheryl.rodriguez@em.doe.gov).

Sincerely,



Joseph Murdock
Program Manager
Environment, Safety and Health
N3B-Los Alamos

Sincerely,

Arturo Q.
Duran

Digitally signed by Arturo Q.
Duran
Date: 2021.03.24 10:32:24
-06'00'

Arturo Q. Duran
Compliance and Permitting Manager
Environmental Management
Los Alamos Field Office

Enclosure(s):

1. Land Application of Groundwater Decision Tree Annual Report for 2020 (EM2021-0130)

cc (letter and enclosure[s] emailed):

Laurie King, EPA Region 6, Dallas, TX
Raymond Martinez, San Ildefonso Pueblo, NM
Dino Chavarria, Santa Clara Pueblo, NM
Chris Catechis, NMED-DOE-OB
Steve Yanicak, NMED-DOE-OB
Steve Pullen, NMED-GWQB
Andrew Romero, NMED-GWQB
Neelam Dhawan, NMED-HWB
Sarah Holcomb, NMED-SWQB
Shelly Lemon, NMED-SWQB
Jennifer Payne, LANL
Peter Maggiore, NA-LA
M. Lee Bishop, EM-LA
Stephen Hoffman, EM-LA
Kirk D. Lachman, EM-LA
Thomas McCrory, EM-LA
David Nickless, EM-LA
Kenneth Ocker, EM-LA
Aubrey Pierce, EM-LA
Cheryl Rodriguez, EM-LA
Hai Shen, EM-LA
William Alexander, N3B
Sharon Brady, N3B
Emily Day, N3B

Zoe Duran, N3B
Thomas Harrison, N3B
Debby Holgerson, N3B
Jeff Holland, N3B
Kim Lebak, N3B
Joseph Legare, N3B
Dana Lindsay, N3B
Pamela Maestas, N3B
Christian Maupin, N3B
Jason Moore, N3B
Glenn Morgan, N3B
Joseph Murdock, N3B
Joseph Noll, N3B
Gerald O’Leary III, N3B
Troy Thomson, N3B
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Steve White, N3B
emla.docs@em.doe.gov
n3brecords@em-la.doe.gov
Public Reading Room (EPRR)
PRS website

Pamela T. Maestas

From: Romero, Andrew C, NMENV <AndrewC.Romero@state.nm.us>
Sent: Monday, March 29, 2021 5:03 PM
To: Pamela T. Maestas; Hunter, Michelle, NMENV; Pierard, Kevin, NMENV
Cc: Pullen, Steve, NMENV; Briley, Siona, NMENV; Dhawan, Neelam, NMENV; Krambis, Christopher, NMENV; Catechis, Chris, NMENV; Emily M. Day; Regulatory Documentation; cheryl.rodriquez@em.doe.gov; Christian T. Maupin; Sandoval, Melanie, NMENV
Subject: Re: Submittal to NMED on 3/29/2021 of Land Application of GW Decision Tree 2020 Annual Rpt

Pamela,

GWQB has received the report, thank you for the submittal.

Regards,

Andrew Romero, Environmental Scientist

New Mexico Environment Department
Ground Water Quality Bureau
1190 St. Francis Dr, Santa Fe, NM 87505
(505) 660-8624
<https://www.env.nm.gov/gwqb/>

From: Pamela T. Maestas <pamela.maestas@em-la.doe.gov>
Sent: Monday, March 29, 2021 4:52 PM
To: Hunter, Michelle, NMENV; Pierard, Kevin, NMENV
Cc: Pullen, Steve, NMENV; Romero, Andrew C, NMENV; Briley, Siona, NMENV; Dhawan, Neelam, NMENV; Krambis, Christopher, NMENV; Catechis, Chris, NMENV; Emily M. Day; Regulatory Documentation; cheryl.rodriquez@em.doe.gov; Christian T. Maupin
Subject: [EXT] Submittal to NMED on 3/29/2021 of Land Application of GW Decision Tree 2020 Annual Rpt

Ms. Hunter and Mr. Pierard,

Attached for submittal is a pdf of the following:

- Land Application of Groundwater Decision Tree Annual Report for 2020 (N3B-2021-0074, letter and enclosure)

Please acknowledge receipt of this submittal by responding to this email.

Let me know if you have any questions.

Thank you.

Pamela T. Maestas

Regulatory Documentation Manager

Newport News Nuclear BWXT-Los Alamos, LLC
c. 505-927-7882
regdocs@em-la.doe.gov



1200 Trinity Drive, Suite 150
Los Alamos, NM 87544

ENCLOSURE 1

Land Application of Groundwater Decision Tree
Annual Report for 2020

CERTIFICATION

NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC

Land Application of Groundwater Decision Tree Annual Report for 2020

CERTIFICATION STATEMENT OF AUTHORIZATION

In accordance with the New Mexico Administrative Code Title 20, Chapter 4, Part 1 (incorporating the Code of Federal Regulations, Title 40 CFR § 270.11):

"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."



Joseph Murdock, Program Manager
Environmental, Safety and Health
Newport News Nuclear BWXT-Los Alamos, LLC

March 15, 2021

Date

M Lee Bishop for  Digitally signed by M Lee Bishop
for
Date: 2021.03.24 11:07:25 -06'00'

M. Lee Bishop, Director
Office of Quality and Regulatory Compliance
Environmental Management
Los Alamos Field Office

Date

Land Application of Groundwater Decision Tree Annual Report for 2020

Item	Well Name	Well Type	Watershed	Description	Volume (gal.)	Generation Date	Decision Point D6 Compliant (Y/N)	Method	Location	Land Application Date
1	R-13	Regional	Mortandad	Purge Water	38.24	1/21/2020	Y	Sprinkler	Vicinity of well	8/3/2020
2	R-13	Regional	Mortandad	Purge Water	514	1/21/2020	Y	Sprinkler	Vicinity of well	8/3/2020
3	R-13	Regional	Mortandad	Purge Water	495.32	11/8/2019	Y	Sprinkler	Vicinity of well	8/3/2020
4	R-13	Regional	Mortandad	Purge Water	100	11/8/2019	Y	Sprinkler	Vicinity of well	8/3/2020
5	SIMR-2	Regional	Mortandad	Purge Water	234.24	1/16/2020	Y	Sprinkler	Vicinity of well of R-13	8/3/2020
6	SIMR-2	Regional	Mortandad	Purge Water	249.9	11/13/2019	Y	Sprinkler	Vicinity of well of R-13	8/3/2020
7	R-35b	Regional	Sandia	Purge Water	276	1/23/2020	Y	Sprinkler	Vicinity of well	8/4/2020
8	R-35b	Regional	Sandia	Purge Water	278.08	11/18/2019	Y	Sprinkler	Vicinity of well	8/4/2020
9	R-11	Regional	Sandia	Purge Water	212.43	1/8/2020	Y	Sprinkler	Vicinity of well	8/4/2020
10	R-11	Regional	Sandia	Purge Water	229.89	11/18/2019	Y	Sprinkler	Vicinity of well	8/4/2020
11	R-35a	Regional	Sandia	Purge Water	814.85	1/15/2020	Y	Sprinkler	Vicinity of well	8/4/2020
12	R-35a	Regional	Sandia	Purge Water	817.65	11/18/2019	Y	Sprinkler	Vicinity of well	8/4/2020
13	R-44 S1	Regional	Mortandad	Purge Water	229.95	1/21/2020	Y	Sprinkler	Vicinity of well	8/10/2020
14	R-44 S1	Regional	Mortandad	Purge Water	241.02	11/20/2019	Y	Sprinkler	Vicinity of well	8/10/2020
15	R-44 S2	Regional	Mortandad	Purge Water	251.02	1/21/2020	Y	Sprinkler	Vicinity of well	8/10/2020
16	R-44 S2	Regional	Mortandad	Purge Water	346.08	11/20/2019	Y	Sprinkler	Vicinity of well	8/10/2020
17	R-44 S1	Regional	Mortandad	Purge Water	240.16	10/11/2019	Y	Sprinkler	Vicinity of well	8/10/2020
18	R-44 S1	Regional	Mortandad	Purge Water	215.97	12/10/2019	Y	Sprinkler	Vicinity of well	8/10/2020
19	R-44 S1	Regional	Mortandad	Purge Water	225	2/20/2020	Y	Sprinkler	Vicinity of well	8/10/2020
20	R-44 S1	Regional	Mortandad	Purge Water	244.8	3/12/2020	Y	Sprinkler	Vicinity of well	8/10/2020
21	R-44 S2	Regional	Mortandad	Purge Water	306.03	10/11/2019	Y	Sprinkler	Vicinity of well	8/10/2020
22	R-44 S2	Regional	Mortandad	Purge Water	302.94	12/10/2019	Y	Sprinkler	Vicinity of well	8/10/2020
23	R-44 S2	Regional	Mortandad	Purge Water	282	2/20/2020	Y	Sprinkler	Vicinity of well	8/10/2020
24	R-44 S2	Regional	Mortandad	Purge Water	342	3/12/2020	Y	Sprinkler	Vicinity of well	8/10/2020
25	R-45 S1	Regional	Mortandad	Purge Water	227.52	11/19/2019	Y	Sprinkler	Vicinity of well	8/11/2020
26	R-45 S1	Regional	Mortandad	Purge Water	236.43	1/22/2020	Y	Sprinkler	Vicinity of well	8/11/2020

Item	Well Name	Well Type	Watershed	Description	Volume (gal.)	Generation Date	Decision Point D6 Compliant (Y/N)	Method	Location	Land Application Date
27	R-45 S2	Regional	Mortandad	Purge Water	355.34	1/22/2020	Y	Sprinkler	Vicinity of well	8/11/2020
28	R-45 S1	Regional	Mortandad	Purge Water	223.38	10/17/2019	Y	Sprinkler	Vicinity of well	8/11/2020
29	R-45 S1	Regional	Mortandad	Purge Water	231.62	12/6/2019	Y	Sprinkler	Vicinity of well	8/11/2020
30	R-45 S1	Regional	Mortandad	Purge Water	227.76	2/28/2020	Y	Sprinkler	Vicinity of well	8/11/2020
31	R-45 S1	Regional	Mortandad	Purge Water	222.23	3/13/2020	Y	Sprinkler	Vicinity of well	8/11/2020
32	R-45 S2	Regional	Mortandad	Purge Water	347.43	10/17/2019	Y	Sprinkler	Vicinity of well	8/11/2020
33	R-45 S2	Regional	Mortandad	Purge Water	356.82	12/6/2019	Y	Sprinkler	Vicinity of well	8/11/2020
34	R-45 S2	Regional	Mortandad	Purge Water	327.6	2/28/2020	Y	Sprinkler	Vicinity of well	8/11/2020
35	R-33 S1	Regional	Mortandad	Purge Water	280.8	1/7/2020	Y	Sprinkler	Vicinity of well	8/12/2020
36	R-33 S1	Regional	Mortandad	Purge Water	309.87	11/6/2019	Y	Sprinkler	Vicinity of well	8/12/2020
37	R-33 S2	Regional	Mortandad	Purge Water	187.85	1/7/2020	Y	Sprinkler	Vicinity of well	8/12/2020
38	R-33 S2	Regional	Mortandad	Purge Water	205.92	11/6/2019	Y	Sprinkler	Vicinity of well	8/12/2020
39	R-50 S1	Regional	Mortandad	Purge Water	218.28	12/2/2019	Y	Sprinkler	Vicinity of well	8/12/2020
40	R-50 S1	Regional	Mortandad	Purge Water	212	3/4/2020	Y	Sprinkler	Vicinity of well	8/12/2020
41	R-50 S2	Regional	Mortandad	Purge Water	181.35	1/10/2020	Y	Sprinkler	Vicinity of well	8/13/2020
42	R-50 S2	Regional	Mortandad	Purge Water	225	1/10/2020	Y	Sprinkler	Vicinity of well	8/13/2020
43	R-50 S2	Regional	Mortandad	Purge Water	370.11	11/19/2019	Y	Sprinkler	Vicinity of well	8/13/2020
44	R-50 S1	Regional	Mortandad	Purge Water	220	2/12/2020	Y	Sprinkler	Vicinity of well	8/13/2020
45	R-50 S2	Regional	Mortandad	Purge Water	412.3	10/10/2019	Y	Sprinkler	Vicinity of well	8/13/2020
46	R-50 S2	Regional	Mortandad	Purge Water	375.15	12/3/2019	Y	Sprinkler	Vicinity of well	8/13/2020
47	R-50 S2	Regional	Mortandad	Purge Water	358.82	2/12/2020	Y	Sprinkler	Vicinity of well	8/13/2020
48	R-50 S2	Regional	Mortandad	Purge Water	362.7	3/5/2020	Y	Sprinkler	Vicinity of well	8/13/2020
49	R-45 S1	Regional	Mortandad	Purge Water	222.23	6/24/2020	Y	Sprinkler	Vicinity of well	8/26/2020
50	R-44 S1	Regional	Mortandad	Purge Water	430	6/25/2020	Y	Sprinkler	Vicinity of well	8/27/2020
51	R-44 S1	Regional	Mortandad	Purge Water	271	6/25/2020	Y	Sprinkler	Vicinity of well	8/27/2020
52	R-44 S2	Regional	Mortandad	Purge Water	318.27	6/26/2020	Y	Sprinkler	Vicinity of well	8/27/2020
53	R-50 S1	Regional	Mortandad	Purge Water	203.31	6/26/2020	Y	Sprinkler	Vicinity of well	8/27/2020

Item	Well Name	Well Type	Watershed	Description	Volume (gal.)	Generation Date	Decision Point D6 Compliant (Y/N)	Method	Location	Land Application Date
54	R-50 S2	Regional	Mortandad	Purge Water	363.48	6/26/2020	Y	Sprinkler	Vicinity of well	8/27/2020
55	R-11	Regional	Sandia	Purge Water	229.32	10/9/2019	Y	Sprinkler	Vicinity of well	8/28/2020
56	R-11	Regional	Sandia	Purge Water	220.5	12/4/2019	Y	Sprinkler	Vicinity of well	8/28/2020
57	R-11	Regional	Sandia	Purge Water	224.64	2/13/2020	Y	Sprinkler	Vicinity of well	8/28/2020
58	R-11	Regional	Sandia	Purge Water	221.76	3/16/2020	Y	Sprinkler	Vicinity of well	8/28/2020
59	R-11	Regional	Sandia	Purge Water	225.94	6/23/2020	Y	Sprinkler	Vicinity of well	8/28/2020
60	R-35a	Regional	Sandia	Purge Water	804.65	10/16/2019	Y	Sprinkler	Vicinity of well	8/31/2020
61	R-35a	Regional	Sandia	Purge Water	803.25	2/18/2020	Y	Sprinkler	Vicinity of well	8/31/2020
62	R-35a	Regional	Sandia	Purge Water	765.58	3/17/2020	Y	Sprinkler	Vicinity of well	8/31/2020
63	R-35a	Regional	Sandia	Purge Water	782.2	6/29/2020	Y	Sprinkler	Vicinity of well	8/31/2020
64	R-35b	Regional	Sandia	Purge Water	276.48	12/4/2019	Y	Sprinkler	Vicinity of well	8/31/2020
65	R-35b	Regional	Sandia	Purge Water	266.64	2/13/2020	Y	Sprinkler	Vicinity of well	8/31/2020
66	R-35b	Regional	Sandia	Purge Water	294	6/26/2020	Y	Sprinkler	Vicinity of well	8/31/2020
67	SIMR-2	Regional	Mortandad	Purge Water	250.63	10/15/2019	Y	Sprinkler	Vicinity of well R-13	8/31/2020
68	SIMR-2	Regional	Mortandad	Purge Water	292.8	12/19/2019	Y	Sprinkler	Vicinity of well R-13	8/31/2020
69	SIMR-2	Regional	Mortandad	Purge Water	261.4	2/19/2020	Y	Sprinkler	Vicinity of well R-13	8/31/2020
70	SIMR-2	Regional	Mortandad	Purge Water	236.51	3/18/2020	Y	Sprinkler	Vicinity of well R-13	8/31/2020
71	SIMR-2	Regional	Mortandad	Purge Water	261.22	6/29/2020	Y	Sprinkler	Vicinity of well R-13	8/31/2020
72	R-1	Regional	Mortandad	Purge Water	273.06	11/8/2019	Y	Sprinkler	Vicinity of well	9/1/2020
73	R-15	Regional	Mortandad	Purge Water	259.2	1/23/2020	Y	Sprinkler	Vicinity of well	9/1/2020
74	R-15	Regional	Mortandad	Purge Water	331.38	11/8/2019	Y	Sprinkler	Vicinity of well	9/1/2020
75	R-20 S1	Regional	Pajarito	Purge Water	231.8	10/23/2019	Y	Sprinkler	Vicinity of well	9/1/2020
76	R-20 S2	Regional	Pajarito	Purge Water	195.96	10/17/2019	Y	Sprinkler	Vicinity of well	9/1/2020
77	R-21	Regional	Pajarito	Purge Water	679.21	10/24/2019	Y	Sprinkler	Vicinity of well	9/1/2020
78	R-40 S1	Intermediate	Pajarito	Purge Water	44.1	10/30/2019	Y	Sprinkler	Vicinity of well	9/1/2020
79	R-40 S2	Regional	Pajarito	Purge Water	184.9	10/30/2019	Y	Sprinkler	Vicinity of well	9/1/2020
80	R-41 S2	Regional	Pajarito	Purge Water	177.92	10/17/2019	Y	Sprinkler	Vicinity of well	9/1/2020

Item	Well Name	Well Type	Watershed	Description	Volume (gal.)	Generation Date	Decision Point D6 Compliant (Y/N)	Method	Location	Land Application Date
81	R-53 S1	Regional	Pajarito	Purge Water	338.88	10/25/2019	Y	Sprinkler	Vicinity of well	9/1/2020
82	R-53 S2	Regional	Pajarito	Purge Water	396.55	10/25/2019	Y	Sprinkler	Vicinity of well	9/1/2020
83	SCI-1	Intermediate	Sandia	Purge Water	7.5	1/24/2020	Y	Direct	Vicinity of well	9/2/2020
84	SCI-1	Intermediate	Sandia	Purge Water	6.3	11/15/2019	Y	Direct	Vicinity of well	9/2/2020
85	R-67	Regional	Sandia	Purge Water	214.65	1/15/2020	Y	Sprinkler	Vicinity of well	9/2/2020
86	R-67	Regional	Sandia	Purge Water	244	11/5/2019	Y	Sprinkler	Vicinity of well	9/2/2020
87	R-36	Regional	Sandia	Purge Water	186.48	1/14/2020	Y	Sprinkler	Vicinity of well	9/2/2020
88	R-36	Regional	Sandia	Purge Water	207	11/6/2019	Y	Sprinkler	Vicinity of well	9/2/2020
89	R-35a	Regional	Sandia	Purge Water	816.17	12/5/2019	Y	Sprinkler	Vicinity of well	9/2/2020
90	R-35b	Regional	Sandia	Purge Water	276.36	10/9/2019	Y	Sprinkler	Vicinity of well	9/2/2020
91	R-35b	Regional	Sandia	Purge Water	257.05	3/16/2020	Y	Sprinkler	Vicinity of well	9/2/2020
92	R-23i S2	Intermediate	Pajarito	Purge Water	134.32	10/22/2019	Y	Sprinkler	Vicinity of well	9/4/2020
93	R-23	Regional	Pajarito	Purge Water	299.88	10/23/2019	Y	Sprinkler	Vicinity of well	9/4/2020
94	R-18	Regional	Pajarito	Purge Water	386.86	12/4/2019	Y	Sprinkler	Vicinity of well	9/4/2020
95	PCI-2	Intermediate	Pajarito	Purge Water	70.56	10/28/2019	Y	Sprinkler	Vicinity of well	9/10/2020
96	R-52 S1	Regional	Pajarito	Purge Water	283.91	10/16/2019	Y	Sprinkler	Vicinity of well	9/10/2020
97	R-52 S2	Regional	Pajarito	Purge Water	216.41	10/16/2019	Y	Sprinkler	Vicinity of well	9/10/2020
98	R-54 S2	Regional	Pajarito	Purge Water	275.73	10/21/2019	Y	Sprinkler	Vicinity of well	9/10/2020
99	R-37 S2	Regional	Mortandad	Purge Water	348.48	10/17/2019	Y	Sprinkler	Vicinity of well	9/16/2020
100	R-38	Regional	Mortandad	Purge Water	199.68	10/15/2019	Y	Sprinkler	Vicinity of well	9/16/2020
101	R-55 S1	Regional	Mortandad	Purge Water	419.04	10/16/2019	Y	Sprinkler	Vicinity of well	9/16/2020
102	R-55 S2	Regional	Mortandad	Purge Water	297.15	10/16/2019	Y	Sprinkler	Vicinity of well	9/16/2020
103	R-57 S1	Regional	Pajarito	Purge Water	299.88	10/18/2019	Y	Sprinkler	Vicinity of well	9/16/2020
104	R-57 S2	Regional	Pajarito	Purge Water	257.04	10/18/2019	Y	Sprinkler	Vicinity of well	9/16/2020
105	R-10 S1	Regional	Sandia	Purge Water	885.39	11/7/2019	Y	Sprinkler	Vicinity of well	9/24/2020
106	R-10 S2	Regional	Sandia	Purge Water	652	11/7/2019	Y	Sprinkler	Vicinity of well	9/24/2020
107	R-10a	Regional	Sandia	Purge Water	284.35	11/7/2019	Y	Sprinkler	Vicinity of well	9/24/2020

Item	Well Name	Well Type	Watershed	Description	Volume (gal.)	Generation Date	Decision Point D6 Compliant (Y/N)	Method	Location	Land Application Date
108	R-34	Regional	Mortandad	Purge Water	417	11/13/2019	Y	Sprinkler	Vicinity of well	9/25/2020
109	CdV-R-15-3 S4	Regional	Water/CdV	Purge Water	306	7/22/2020	Y	Sprinkler	Vicinity of well	9/30/2020
110	R-47i	Intermediate	Water/CdV	Purge Water	104.4	7/30/2020	Y	Sprinkler	Vicinity of well	9/30/2020
111	R-47i	Intermediate	Water/CdV	Purge Water	94.24	7/28/2020	Y	Sprinkler	Vicinity of well	9/30/2020
112	R-18	Regional	Pajarito	Purge Water	426.24	7/27/2020	Y	Sprinkler	Vicinity of well	9/30/2020
113	R-26 S1	Intermediate	Water/CdV	Purge Water	291.83	7/20/2020	Y	Sprinkler	Vicinity of well	9/30/2020
114	R-47	Regional	Water/CdV	Purge Water	249.6	7/28/2020	Y	Sprinkler	Vicinity of well	9/30/2020
115	R-47	Regional	Water/CdV	Purge Water	230.4	12/5/2019	Y	Sprinkler	Vicinity of well	9/30/2020
116	R-48	Regional	Water/CdV	Purge Water	714	7/24/2020	Y	Sprinkler	Vicinity of well	9/30/2020
117	R-48	Regional	Water/CdV	Purge Water	703.8	12/6/2019	Y	Sprinkler	Vicinity of well	9/30/2020
118	R-25b	Intermediate	Water/CdV	Purge Water	51.7	7/24/2020	Y	Sprinkler	Vicinity of well	9/30/2020
119	R-63	Regional	Water/CdV	Purge Water	473.96	7/27/2020	Y	Sprinkler	Vicinity of well	9/30/2020
120	R-63	Regional	Water/CdV	Purge Water	435.54	12/12/2019	Y	Sprinkler	Vicinity of well	9/30/2020
121	R-11	Regional	Sandia	Purge Water	207.9	8/5/2020	Y	Sprinkler	Vicinity of well	10/7/2020
122	R-35a	Regional	Sandia	Purge Water	772.54	8/12/2020	Y	Sprinkler	Vicinity of well	10/7/2020
123	R-35b	Regional	Sandia	Purge Water	246	8/12/2020	Y	Sprinkler	Vicinity of well	10/7/2020
124	R-44 S1	Regional	Mortandad	Purge Water	231.75	8/11/2020	Y	Sprinkler	Vicinity of well	10/7/2020
125	R-44 S2	Regional	Mortandad	Purge Water	300	8/11/2020	Y	Sprinkler	Vicinity of well	10/7/2020
126	R-45 S1	Regional	Mortandad	Purge Water	204	8/11/2020	Y	Sprinkler	Vicinity of well	10/7/2020
127	R-50 S2	Regional	Mortandad	Purge Water	422.5	8/14/2020	Y	Sprinkler	Vicinity of well	10/7/2020
128	SIMR-2	Regional	Mortandad	Purge Water	263.52	8/13/2020	Y	Sprinkler	Vicinity of well of R-13	10/7/2020
129	R-11	Regional	Sandia	Purge Water	268.83	7/30/2020	Y	Sprinkler	Vicinity of well	10/7/2020
130	R-35a	Regional	Sandia	Purge Water	384.68	7/24/2020	Y	Sprinkler	Vicinity of well	10/7/2020
131	R-35b	Regional	Sandia	Purge Water	265.88	7/30/2020	Y	Sprinkler	Vicinity of well	10/7/2020
132	R-44 S1	Regional	Mortandad	Purge Water	268.83	7/29/2020	Y	Sprinkler	Vicinity of well	10/7/2020
133	R-44 S2	Regional	Mortandad	Purge Water	303	7/29/2020	Y	Sprinkler	Vicinity of well	10/7/2020

Item	Well Name	Well Type	Watershed	Description	Volume (gal.)	Generation Date	Decision Point D6 Compliant (Y/N)	Method	Location	Land Application Date
134	R-45 S1	Regional	Mortandad	Purge Water	241.02	7/28/2020	Y	Sprinkler	Vicinity of well	10/7/2020
135	R-50 S1	Regional	Mortandad	Purge Water	182.52	7/27/2020	Y	Sprinkler	Vicinity of well	10/7/2020
136	R-50 S2	Regional	Mortandad	Purge Water	370.26	7/27/2020	Y	Sprinkler	Vicinity of well	10/7/2020
137	SIMR-2	Regional	Mortandad	Purge Water	242.76	7/22/2020	Y	Sprinkler	Vicinity of well of R-13	10/7/2020
138	R-1	Regional	Mortandad	Purge Water	243.09	8/17/2020	Y	Sprinkler	Vicinity of well	10/8/2020
139	SCI-1	Intermediate	Sandia	Purge Water	11.34	8/6/2020	Y	Direct	Vicinity of well	10/8/2020
140	R-33 S1	Regional	Sandia	Purge Water	280.8	8/14/2020	Y	Sprinkler	Vicinity of well	10/8/2020
141	R-33 S2	Regional	Sandia	Purge Water	184.8	8/14/2020	Y	Sprinkler	Vicinity of well	10/8/2020
142	R-36	Regional	Sandia	Purge Water	176.49	8/12/2020	Y	Sprinkler	Vicinity of well	10/8/2020
143	R-67	Regional	Sandia	Purge Water	218.7	8/20/2020	Y	Sprinkler	Vicinity of well	10/8/2020
144	R-13	Regional	Mortandad	Purge Water	560	8/4/2020	Y	Sprinkler	Vicinity of well	10/8/2020
145	R-15	Regional	Mortandad	Purge Water	207.63	8/4/2020	Y	Sprinkler	Vicinity of well	10/8/2020
146	CdV-37-1(i)	Intermediate	Water/CdV	Purge Water	198.4	7/16/2020	Y	Sprinkler	Vicinity of well	10/9/2020
147	R-27i	Intermediate	Water/CdV	Purge Water	56.61	7/29/2020	Y	Sprinkler	Vicinity of well	10/9/2020
148	R-27	Regional	Water/CdV	Purge Water	257.95	7/29/2020	Y	Sprinkler	Vicinity of well	10/9/2020
149	R-43 S2	Regional	Sandia	Purge Water	126.16	8/7/2020	Y	Sprinkler	Vicinity of well	11/4/2020
150	R-46	Regional	Mortandad	Purge Water	90	11/21/2019	Y	Sprinkler	Vicinity of well	11/5/2020
151	R-46	Regional	Mortandad	Purge Water	300	11/21/2019	Y	Sprinkler	Vicinity of well	11/5/2020
152	R-60	Regional	Mortandad	Purge Water	228.16	11/15/2019	Y	Sprinkler	Vicinity of well	11/5/2020
153	R-14 S1	Regional	Mortandad	Purge Water	353.51	11/12/2019	Y	Sprinkler	Vicinity of well	11/5/2020
154	R-50 S1	Regional	Mortandad	Purge Water	205.32	8/10/2020	Y	Sprinkler	Vicinity of well	11/5/2020
155	R-61 S1	Regional	Mortandad	Purge Water	230.86	8/10/2020	Y	Sprinkler	Vicinity of well	11/5/2020
156	R-10a	Regional	Sandia	Purge Water	250	8/20/2020	Y	Sprinkler	Vicinity of well	11/5/2020
157	R-45 S2	Regional	Mortandad	Purge Water	336.96	8/11/2020	Y	Sprinkler	Vicinity of well	11/5/2020
158	R-45 S2	Regional	Mortandad	Purge Water	347.43	6/24/2020	Y	Sprinkler	Vicinity of well	11/5/2020
159	R-45 S2	Regional	Mortandad	Purge Water	357.54	7/28/2020	Y	Sprinkler	Vicinity of well	11/5/2020
160	R-45 S2	Regional	Mortandad	Purge Water	356.82	9/14/2020	Y	Sprinkler	Vicinity of well	11/5/2020

Item	Well Name	Well Type	Watershed	Description	Volume (gal.)	Generation Date	Decision Point D6 Compliant (Y/N)	Method	Location	Land Application Date
161	R-12 S1	Intermediate	Sandia	Purge Water	98.8	8/7/2020	Y	Sprinkler	Vicinity of well	11/6/2020
162	R-12 S2	Intermediate	Sandia	Purge Water	426.96	8/7/2020	Y	Sprinkler	Vicinity of well	11/6/2020
163	R-16r	Regional	Mortandad	Purge Water	278.72	8/19/2020	Y	Sprinkler	Vicinity of well	11/6/2020
164	R-16 S2	Regional	Mortandad	Purge Water	765	8/19/2020	Y	Sprinkler	Vicinity of well	11/6/2020
165	R-16 S4	Regional	Mortandad	Purge Water	253.08	8/19/2020	Y	Sprinkler	Vicinity of well	11/6/2020
166	R-51 S1	Regional	Pajarito	Purge Water	311.6	10/29/2019	Y	Sprinkler	Vicinity of well	11/6/2020
167	R-51 S2	Regional	Pajarito	Purge Water	372.9	10/29/2019	Y	Sprinkler	Vicinity of well	11/6/2020
168	LAOI(a)-1.1	Intermediate	LA/Pueblo	Purge Water	26.6	9/1/2020	Y	Sprinkler	Vicinity of well	11/12/2020
169	LAOI-3.2	Intermediate	LA/Pueblo	Purge Water	23	9/2/2020	Y	Direct	Vicinity of well	11/12/2020
170	LAOI-7	Intermediate	LA/Pueblo	Purge Water	71.28	8/26/2020	Y	Sprinkler	Vicinity of well	11/12/2020
171	R-66	Regional	LA/Pueblo	Purge Water	335	8/28/2020	Y	Sprinkler	Vicinity of well	11/12/2020
172	R-50 S1	Regional	Mortandad	Purge Water	214.76	9/21/2020	Y	Sprinkler	Vicinity of well	11/12/2020
173	R-50 S2	Regional	Mortandad	Purge Water	366.52	9/22/2020	Y	Sprinkler	Vicinity of well	11/12/2020
174	R-61 S1	Regional	Mortandad	Purge Water	235.62	6/25/2020	Y	Sprinkler	Vicinity of well	11/12/2020
175	R-61 S1	Regional	Mortandad	Purge Water	235.3	7/21/2020	Y	Sprinkler	Vicinity of well	11/12/2020
176	R-61 S1	Regional	Mortandad	Purge Water	231.65	9/18/2020	Y	Sprinkler	Vicinity of well	11/12/2020
177	SCI-1	Intermediate	Sandia	Purge Water	3.4	6/18/2020	Y	Direct	Vicinity of well	11/12/2020
178	SCI-1	Intermediate	Sandia	Purge Water	5	6/18/2020	Y	Direct	Vicinity of well	11/12/2020
179	SIMR-2	Regional	Mortandad	Purge Water	240.04	9/25/2020	Y	Sprinkler	Vicinity of well of R-13	11/12/2020
180	R-2	Regional	LA/Pueblo	Purge Water	159	8/31/2020	Y	Sprinkler	Vicinity of well	11/13/2020
181	R-24	Regional	LA/Pueblo	Purge Water	430.65	8/27/2020	Y	Sprinkler	Vicinity of well	11/13/2020
182	R-30	Regional	Ancho	Purge Water	252.48	8/1/2020	Y	Sprinkler	Vicinity of well	11/13/2020
183	R-54 S1	Regional	Pajarito	Purge Water	213.84	10/21/2019	Y	Sprinkler	Vicinity of well	11/13/2020
184	16-26644	Intermediate	Water/CdV	Purge Water	10	7/22/2020	Y	Direct	Vicinity of well	11/16/2020
185	R-11	Regional	Sandia	Purge Water	216.81	9/8/2020	Y	Sprinkler	Vicinity of well	11/16/2020
186	R-11	Regional	Sandia	Purge Water	216	10/6/2020	Y	Sprinkler	Vicinity of well	11/16/2020
187	R-35a	Regional	Sandia	Purge Water	812.25	9/9/2020	Y	Sprinkler	Vicinity of well	11/16/2020

Item	Well Name	Well Type	Watershed	Description	Volume (gal.)	Generation Date	Decision Point D6 Compliant (Y/N)	Method	Location	Land Application Date
188	R-35a	Regional	Sandia	Purge Water	781.8	10/7/2020	Y	Sprinkler	Vicinity of well	11/16/2020
189	R-35b	Regional	Sandia	Purge Water	282.15	9/8/2020	Y	Sprinkler	Vicinity of well	11/16/2020
190	R-35b	Regional	Sandia	Purge Water	277.42	10/6/2020	Y	Sprinkler	Vicinity of well	11/16/2020
191	R-44 S1	Regional	Mortandad	Purge Water	229.5	9/10/2020	Y	Sprinkler	Vicinity of well	11/16/2020
192	R-44 S1	Regional	Mortandad	Purge Water	228.69	10/8/2020	Y	Sprinkler	Vicinity of well	11/16/2020
193	R-44 S2	Regional	Mortandad	Purge Water	306	9/10/2020	Y	Sprinkler	Vicinity of well	11/16/2020
194	R-44 S2	Regional	Mortandad	Purge Water	327.24	10/8/2020	Y	Sprinkler	Vicinity of well	11/16/2020
195	PCI-2	Intermediate	Pajarito	Purge Water	76.32	9/22/2020	Y	Sprinkler	Vicinity of well	11/18/2020
196	R-4	Regional	LA/Pueblo	Purge Water	378.72	9/4/2020	Y	Sprinkler	Vicinity of well	11/18/2020
197	R-17 S2	Regional	Pajarito	Purge Water	151.94	9/22/2020	Y	Sprinkler	Vicinity of well	11/18/2020
198	R-23	Regional	Pajarito	Purge Water	244.24	9/25/2020	Y	Sprinkler	Vicinity of well	11/18/2020
199	R-23i S2	Intermediate	Pajarito	Purge Water	112.2	9/24/2020	Y	Sprinkler	Vicinity of well	11/18/2020
200	TA-53i	Intermediate	Sandia	Purge Water	121.52	9/11/2020	Y	Sprinkler	Vicinity of well	11/18/2020
201	TW-2Ar	Intermediate	LA/Pueblo	Purge Water	47.52	9/4/2020	Y	Sprinkler	Vicinity of well	11/18/2020
202	R-56 S1	Regional	Pajarito	Purge Water	407.55	10/24/2019	Y	Sprinkler	Vicinity of well	11/23/2020
203	R-56 S2	Regional	Pajarito	Purge Water	351.78	10/24/2019	Y	Sprinkler	Vicinity of well	11/23/2020
204	R-32 S1	Regional	Pajarito	Purge Water	307.19	9/21/2020	Y	Sprinkler	Vicinity of well	11/30/2020
205	R-38	Regional	Mortandad	Purge Water	164.06	9/15/2020	Y	Sprinkler	Vicinity of well	11/30/2020
206	R-3	Regional	LA/Pueblo	Purge Water	1187.76	9/8/2020	Y	Sprinkler	Vicinity of well	11/30/2020
207	R-64	Regional	LA/Pueblo	Purge Water	278.46	8/28/2020	Y	Water Truck	Vicinity of well of R-3	11/30/2020
208	R-6i	Intermediate	LA/Pueblo	Purge Water	156.51	8/25/2020	Y	Water Truck	Vicinity of well of R-3	11/30/2020
209	R-6	Regional	LA/Pueblo	Purge Water	397.86	8/25/2020	Y	Water Truck	Vicinity of well of R-3	11/30/2020
210	R-37 S1	Intermediate	Mortandad	Purge Water	158.08	9/25/2020	Y	Sprinkler	Vicinity of well	11/30/2020
211	R-37 S2	Regional	Mortandad	Purge Water	175.78	9/14/2020	Y	Sprinkler	Vicinity of well	11/30/2020
212	R-40 S1	Intermediate	Pajarito	Purge Water	39.04	9/23/2020	Y	Sprinkler	Vicinity of well	11/30/2020
213	R-40 S2	Regional	Pajarito	Purge Water	157.32	9/23/2020	Y	Sprinkler	Vicinity of well	11/30/2020
214	R-41 S2	Regional	Pajarito	Purge Water	159.6	9/15/2020	Y	Sprinkler	Vicinity of well	12/1/2020

Item	Well Name	Well Type	Watershed	Description	Volume (gal.)	Generation Date	Decision Point D6 Compliant (Y/N)	Method	Location	Land Application Date
215	R-50 S1	Regional	Mortandad	Purge Water	208.26	10/13/2020	Y	Sprinkler	Vicinity of well	12/7/2020
216	R-50 S2	Regional	Mortandad	Purge Water	367.2	10/13/2020	Y	Sprinkler	Vicinity of well	12/7/2020
217	R-61 S1	Regional	Mortandad	Purge Water	230.49	10/16/2020	Y	Sprinkler	Vicinity of well	12/7/2020
218	SIMR-2	Regional	Mortandad	Purge Water	235.62	10/14/2020	Y	Sprinkler	Vicinity of well R-13	12/7/2020
219	R-45 S1	Regional	Mortandad	Purge Water	255.42	9/14/2020	Y	Sprinkler	Vicinity of well	12/10/2020
220	R-45 S1	Regional	Mortandad	Purge Water	218.16	10/9/2020	Y	Sprinkler	Vicinity of well	12/10/2020
221	LLAO-4	Alluvial	LA/Pueblo	Purge Water	4	9/3/2020	Y	Direct	Vicinity of well	12/16/2020
222	LLAO-4	Alluvial	LA/Pueblo	Purge Water	3.5	9/3/2020	Y	Direct	Vicinity of well	12/16/2020
223	R-20 S1	Regional	Pajarito	Purge Water	224.8	10/21/2020	Y	Sprinkler	Vicinity of well	12/21/2020
224	R-51 S1	Regional	Pajarito	Purge Water	303.75	10/29/2020	Y	Sprinkler	Vicinity of well	12/21/2020
225	R-51 S2	Regional	Pajarito	Purge Water	360	10/29/2020	Y	Sprinkler	Vicinity of well	12/21/2020
226	R-32 S1	Regional	Pajarito	Purge Water	337.5	10/13/2020	Y	Sprinkler	Vicinity of well	12/21/2020
227	R-40 S1	Intermediate	Pajarito	Purge Water	43.4	10/22/2020	Y	Sprinkler	Vicinity of well	12/21/2020
228	R-40 S2	Regional	Pajarito	Purge Water	181.9	10/22/2020	Y	Sprinkler	Vicinity of well	12/21/2020
229	R-52 S1	Regional	Pajarito	Purge Water	308.7	10/14/2020	Y	Sprinkler	Vicinity of well	12/21/2020
230	R-52 S2	Regional	Pajarito	Purge Water	241.24	10/14/2020	Y	Sprinkler	Vicinity of well	12/21/2020
231	R-37 S2	Regional	Mortandad	Purge Water	60	10/15/2020	Y	Sprinkler	Vicinity of well	12/21/2020
232	R-37 S2	Regional	Mortandad	Purge Water	290	10/15/2020	Y	Sprinkler	Vicinity of well	12/21/2020
233	R-56 S1	Regional	Pajarito	Purge Water	365.4	10/22/2020	Y	Sprinkler	Vicinity of well	12/22/2020
234	R-56 S2	Regional	Pajarito	Purge Water	313.2	10/22/2020	Y	Sprinkler	Vicinity of well	12/22/2020
235	R-23	Regional	Pajarito	Purge Water	299.97	10/21/2020	Y	Sprinkler	Vicinity of well	12/22/2020
236	R-23i S1	Intermediate	Pajarito	Purge Water	41.14	10/20/2020	Y	Sprinkler	Vicinity of well	12/22/2020
237	R-23i S2	Intermediate	Pajarito	Purge Water	130.13	10/20/2020	Y	Sprinkler	Vicinity of well	12/22/2020
238	R-55 S1	Regional	Mortandad	Purge Water	405	10/14/2020	Y	Sprinkler	Vicinity of well	12/22/2020
239	R-55i	Intermediate	Mortandad	Purge Water	199.92	10/16/2020	Y	Sprinkler	Vicinity of well	12/22/2020
240	R-21	Regional	Mortandad	Purge Water	704.52	10/30/2020	Y	Sprinkler	Vicinity of well	12/22/2020
241	R-53 S1	Regional	Pajarito	Purge Water	315.9	10/23/2020	Y	Sprinkler	Vicinity of well	12/22/2020

Item	Well Name	Well Type	Watershed	Description	Volume (gal.)	Generation Date	Decision Point D6 Compliant (Y/N)	Method	Location	Land Application Date
242	R-53 S2	Regional	Pajarito	Purge Water	370.5	10/23/2020	Y	Sprinkler	Vicinity of well	12/22/2020
243	R-38	Regional	Mortandad	Purge Water	208.95	10/13/2020	Y	Sprinkler	Vicinity of well	12/22/2020
244	SV6741LM	Consolidated Locations	Pajarito	Purge Water	3800	9/24/2020	Y	Sprinkler	Vicinity of well	12/22/2020
245	R-41 S2	Regional	Pajarito	Purge Water	205.2	10/15/2020	Y	Sprinkler	Vicinity of well	12/23/2020
246	R-39	Regional	Water/CdV	Purge Water	228.34	10/21/2020	Y	Sprinkler	Vicinity of well	12/23/2020
247	R-49 S1	Regional	Pajarito	Purge Water	285	10/29/2020	Y	Sprinkler	Vicinity of well	12/23/2020
248	R-49 S2	Regional	Pajarito	Purge Water	250	10/29/2020	Y	Sprinkler	Vicinity of well	12/23/2020
249	R-54 S1	Regional	Pajarito	Purge Water	201.46	10/19/2020	Y	Sprinkler	Vicinity of well	12/23/2020
250	R-54 S2	Regional	Pajarito	Purge Water	256.47	10/19/2020	Y	Sprinkler	Vicinity of well	12/23/2020
251	R-57 S1	Regional	Pajarito	Purge Water	296.02	10/16/2020	Y	Sprinkler	Vicinity of well	12/23/2020
252	R-57 S2	Regional	Pajarito	Purge Water	239.36	10/16/2020	Y	Sprinkler	Vicinity of well	12/23/2020