



**N3B-Los Alamos**  
1200 Trinity Drive, Suite 150  
Los Alamos, New Mexico 87544  
(505) 257-7690



RECEIVED

MAR 31 2023

GROUND WATER  
QUALITY BUREAU

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



**Environmental Management**  
Los Alamos Field Office  
1200 Trinity Drive, Suite 400  
Los Alamos, New Mexico 87544  
(240) 562-1122

Date:

Refer To: N3B-2023-0075

Dave Cobrain, Acting Bureau 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 2022**

Dear Mr. Ball and Mr. Cobrain:

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:

- source and type of water;
- determination of fate based on pass/fail criteria (for decision point 6) for land application;
- date, volume, and location of each discharge (land application);
- statement certifying that the water was disposed of in accordance with the Decision Tree; and
- identification of all wells whose land-application status changed during the reporting period.

Enclosure 1 contains information for land-applied sampling purge water.

As shown in the enclosed annual report, purge water was land-applied in the vicinity of the well from which it was generated, with the exception of SIMR-2, which was land-applied about 1500 ft away at R-13. The purge water did meet the criteria for decision point 6 of the Decision Tree for land application of the groundwater.

In accordance with the requirements of the Decision Tree, EM-LA/N3B discharged approximately 72,870 gal. of groundwater to the land surface during 2022. In 2022, one well, R-61 which had previously met land-application criteria in 2021, had a change in status.

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,



Robert Macfarlane  
Program Manager  
Environment, Safety, Health and Quality  
N3B-Los Alamos

Sincerely,

ARTURO DURAN

Digitally signed by ARTURO  
DURAN  
Date: 2023.03.30 19:13:07 -06'00'

Arturo Q. Duran  
Compliance and Permitting Manager  
Office of Quality and Regulatory Compliance  
U.S. Department of Energy  
Environmental Management  
Los Alamos Field Office

Enclosure(s): Three hard copies with electronic files:

1. Land Application of Groundwater Decision Tree Annual Report for 2022 (EM2023-0169)

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  
Steve Yanicak, NMED-DOE-OB  
Patrick Longmire, NMED-GWQB  
Andrew Romero, NMED-GWQB  
Neelam Dhawan, NMED-HWB  
Rick Shean, NMED-RPD  
Shelly Lemon, NMED-SWQB  
Jennifer Payne, LANL  
Stephen Hoffman, NA-LA  
M. Lee Bishop, EM-LA  
Sarah (Eli) Gilbertson, EM-LA  
Thomas McCrory, EM-LA  
Michael Mikolanis, 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  
Michael Erickson, N3B  
Cheryl Fountain, N3B  
Debby Holgerson, N3B  
Kim Lebak, N3B

Dana Lindsay, N3B  
Nichole Lundgard, N3B  
Robert Macfarlane, N3B  
Christian Maupin, N3B  
Nancy McDuffie, N3B  
Keith McIntyre, N3B  
Vince Rodriguez, N3B  
Bradley Smith, N3B  
Troy Thomson, N3B  
Amanda White, N3B  
emla.docs@em.doe.gov  
n3brecords@em-la.doe.gov  
Public Reading Room (EPRR)  
PRS website

# **ENCLOSURE 1**

Land Application of Groundwater Decision Tree  
Annual Report for 2022



**CERTIFICATION**

**NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC**

**Land Application of Groundwater Decision Tree Annual Report for 2022**

**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."



---

Robert Macfarlane, Program Manager  
Environment, Safety, Health and Quality  
Newport News Nuclear BWXT-Los Alamos, LLC

---

3/24/23

Date

**M Lee Bishop**

Digitally signed by M Lee Bishop  
Date: 2023.03.29 10:55:34  
-06'00'

---

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

---

Date



**Land Application of Groundwater Decision Tree Annual Report for 2022**

| Item | Well Name                  | Well Type    | Watershed        | Description          | Volume (gal.) | Generation Date | Decision Point D6 Compliant (Y/N) | Discharge Method | Discharge Location   | Land Application Date |
|------|----------------------------|--------------|------------------|----------------------|---------------|-----------------|-----------------------------------|------------------|----------------------|-----------------------|
| 1    | R-35a                      | Regional     | Sandia Canyon    | Sampling Purge Water | 824.67        | 10/26/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 1/19/2022             |
| 2    | R-35b                      | Regional     | Sandia Canyon    | Sampling Purge Water | 249.48        | 10/25/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 1/19/2022             |
| 3    | SIMR-2                     | Regional     | Mortandad Canyon | Sampling Purge Water | 238.26        | 10/22/2021      | Y                                 | Sprinkler        | Land applied at R-13 | 1/19/2022             |
| 4    | R-70 S1 <sup>a</sup>       | Regional     | Mortandad Canyon | Sampling Purge Water | 491           | 10/14/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 1/19/2022             |
| 5    | R-70 S1                    | Regional     | Mortandad Canyon | Sampling Purge Water | 463           | 10/14/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 1/19/2022             |
| 6    | R-50 S2 <sup>b</sup>       | Regional     | Mortandad Canyon | Sampling Purge Water | 365.76        | 10/18/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 1/19/2022             |
| 7    | R-50 S1                    | Regional     | Mortandad Canyon | Sampling Purge Water | 215.9         | 10/18/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 1/19/2022             |
| 8    | R-44 S2                    | Regional     | Mortandad Canyon | Sampling Purge Water | 299.97        | 10/19/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 1/19/2022             |
| 9    | R-45 S1                    | Regional     | Mortandad Canyon | Sampling Purge Water | 212.1         | 10/20/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 1/19/2022             |
| 10   | R-61 S1                    | Regional     | Mortandad Canyon | Sampling Purge Water | 225.12        | 10/21/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 1/19/2022             |
| 11   | R-27                       | Regional     | Water Canyon     | Sampling Purge Water | 221.25        | 9/24/2021       | Y                                 | Sprinkler        | Vicinity of Well     | 1/21/2022             |
| 12   | R-47i                      | Intermediate | Water Canyon     | Sampling Purge Water | 134.9         | 9/25/2021       | Y                                 | Sprinkler        | Vicinity of Well     | 1/21/2022             |
| 13   | CdV-R-15-3 S4 <sup>c</sup> | Regional     | Water Canyon     | Sampling Purge Water | 240           | 9/14/2021       | Y                                 | Sprinkler        | Vicinity of Well     | 1/21/2022             |
| 14   | R-29                       | Regional     | Water Canyon     | Sampling Purge Water | 328.44        | 9/10/2021       | Y                                 | Sprinkler        | Vicinity of Well     | 2/1/2022              |
| 15   | R-30                       | Regional     | Water Canyon     | Sampling Purge Water | 250.6         | 9/10/2021       | Y                                 | Sprinkler        | Vicinity of Well     | 2/1/2022              |

| Item | Well Name | Well Type | Watershed        | Description          | Volume (gal.) | Generation Date | Decision Point D6 Compliant (Y/N) | Discharge Method | Discharge Location | Land Application Date |
|------|-----------|-----------|------------------|----------------------|---------------|-----------------|-----------------------------------|------------------|--------------------|-----------------------|
| 16   | R-23      | Regional  | Pajarito Canyon  | Sampling Purge Water | 344.41        | 10/22/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 2/1/2022              |
| 17   | R-39      | Regional  | Pajarito Canyon  | Sampling Purge Water | 194.09        | 10/22/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 2/1/2022              |
| 18   | R-43 S2   | Regional  | Sandia Canyon    | Sampling Purge Water | 135.44        | 11/2/2021       | Y                                 | Sprinkler        | Vicinity of Well   | 2/15/2022             |
| 19   | R-10 S1   | Regional  | Sandia Canyon    | Sampling Purge Water | 381.64        | 11/4/2021       | Y                                 | Sprinkler        | Vicinity of Well   | 2/15/2022             |
| 20   | R-10 S1   | Regional  | Sandia Canyon    | Sampling Purge Water | 408.9         | 11/4/2021       | Y                                 | Sprinkler        | Vicinity of Well   | 2/15/2022             |
| 21   | R-10 S1   | Regional  | Sandia Canyon    | Sampling Purge Water | 40.89         | 11/4/2021       | Y                                 | Sprinkler        | Vicinity of Well   | 2/15/2022             |
| 22   | R-10a     | Regional  | Sandia Canyon    | Sampling Purge Water | 275           | 11/4/2021       | Y                                 | Sprinkler        | Vicinity of Well   | 2/15/2022             |
| 23   | R-34      | Regional  | Mortandad Canyon | Sampling Purge Water | 364           | 11/5/2021       | Y                                 | Sprinkler        | Vicinity of Well   | 2/15/2022             |
| 24   | R-46      | Regional  | Mortandad Canyon | Sampling Purge Water | 351.75        | 11/16/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 2/15/2022             |
| 25   | R-60      | Regional  | Mortandad Canyon | Sampling Purge Water | 215.98        | 11/15/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 2/15/2022             |
| 26   | R-35a     | Regional  | Sandia Canyon    | Sampling Purge Water | 407           | 11/22/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 2/15/2022             |
| 27   | R-35a     | Regional  | Sandia Canyon    | Sampling Purge Water | 390.81        | 11/22/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 2/15/2022             |
| 28   | R-35b     | Regional  | Sandia Canyon    | Sampling Purge Water | 282.15        | 11/22/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 2/15/2022             |
| 29   | R-44 S2   | Regional  | Mortandad Canyon | Sampling Purge Water | 318.24        | 11/16/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 2/16/2022             |
| 30   | R-45 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 225.57        | 11/18/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 2/16/2022             |
| 31   | R-50 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 232.5         | 11/12/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 2/16/2022             |

| Item | Well Name | Well Type | Watershed        | Description          | Volume (gal.) | Generation Date | Decision Point D6 Compliant (Y/N) | Discharge Method | Discharge Location   | Land Application Date |
|------|-----------|-----------|------------------|----------------------|---------------|-----------------|-----------------------------------|------------------|----------------------|-----------------------|
| 32   | R-50 S2   | Regional  | Mortandad Canyon | Sampling Purge Water | 380           | 11/12/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 2/16/2022             |
| 33   | R-61 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 228           | 11/3/2021       | Y                                 | Sprinkler        | Vicinity of Well     | 2/16/2022             |
| 34   | R-56 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 337.84        | 10/28/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 2/16/2022             |
| 35   | R-56 S2   | Regional  | Mortandad Canyon | Sampling Purge Water | 296.07        | 10/28/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 2/16/2022             |
| 36   | R-52 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 283.5         | 10/26/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 2/22/2022             |
| 37   | R-52 S2   | Regional  | Mortandad Canyon | Sampling Purge Water | 213.12        | 10/26/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 2/22/2022             |
| 38   | R-53 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 312           | 10/27/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 2/22/2022             |
| 39   | R-53 S2   | Regional  | Mortandad Canyon | Sampling Purge Water | 350           | 10/27/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 2/22/2022             |
| 40   | R-70 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 400           | 11/8/2021       | Y                                 | Sprinkler        | Vicinity of Well     | 2/22/2022             |
| 41   | R-70 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 400           | 11/8/2021       | Y                                 | Sprinkler        | Vicinity of Well     | 2/22/2022             |
| 42   | R-70 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 197.04        | 11/8/2021       | Y                                 | Sprinkler        | Vicinity of Well     | 2/22/2022             |
| 43   | R-1       | Regional  | Mortandad Canyon | Sampling Purge Water | 269.39        | 11/15/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 2/22/2022             |
| 44   | R-13      | Regional  | Mortandad Canyon | Sampling Purge Water | 400           | 11/12/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 2/22/2022             |
| 45   | R-13      | Regional  | Mortandad Canyon | Sampling Purge Water | 195           | 11/12/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 2/22/2022             |
| 46   | SIMR-2    | Regional  | Mortandad Canyon | Sampling Purge Water | 249.09        | 11/5/2021       | Y                                 | Sprinkler        | Land applied at R-13 | 2/22/2022             |
| 47   | R-36      | Regional  | Sandia Canyon    | Sampling Purge Water | 192.09        | 11/19/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 2/22/2022             |

| Item | Well Name | Well Type    | Watershed        | Description          | Volume (gal.) | Generation Date | Decision Point D6 Compliant (Y/N) | Discharge Method | Discharge Location | Land Application Date |
|------|-----------|--------------|------------------|----------------------|---------------|-----------------|-----------------------------------|------------------|--------------------|-----------------------|
| 48   | R-67      | Regional     | Sandia Canyon    | Sampling Purge Water | 234.9         | 11/19/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 2/22/2022             |
| 49   | R-33 S1   | Regional     | Mortandad Canyon | Sampling Purge Water | 290.46        | 11/17/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 2/22/2022             |
| 50   | R-33 S2   | Regional     | Mortandad Canyon | Sampling Purge Water | 191.1         | 11/17/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 2/22/2022             |
| 51   | R-20 S1   | Regional     | Pajarito Canyon  | Sampling Purge Water | 225.72        | 10/22/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 2/23/2022             |
| 52   | R-51 S1   | Regional     | Pajarito Canyon  | Sampling Purge Water | 255           | 10/28/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 2/23/2022             |
| 53   | 16-26644  | Intermediate | Water Canyon     | Sampling Purge Water | 5             | 9/23/2021       | Y                                 | Direct           | Vicinity of Well   | 2/23/2022             |
| 54   | 16-26644  | Intermediate | Water Canyon     | Sampling Purge Water | 5             | 9/23/2021       | Y                                 | Direct           | Vicinity of Well   | 2/23/2022             |
| 55   | 16-26644  | Intermediate | Water Canyon     | Sampling Purge Water | 3.86          | 9/23/2021       | Y                                 | Direct           | Vicinity of Well   | 2/23/2022             |
| 56   | R-40 S1   | Regional     | Pajarito Canyon  | Sampling Purge Water | 39.04         | 10/29/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 3/9/2022              |
| 57   | R-17 S1   | Regional     | Pajarito Canyon  | Sampling Purge Water | 201.38        | 10/25/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 3/9/2022              |
| 58   | R-17 S2   | Regional     | Pajarito Canyon  | Sampling Purge Water | 143.28        | 10/25/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 3/9/2022              |
| 59   | R-27i     | Intermediate | Water Canyon     | Sampling Purge Water | 55.8          | 9/24/2021       | Y                                 | Sprinkler        | Vicinity of Well   | 3/21/2022             |
| 60   | R-14 S1   | Regional     | Pajarito Canyon  | Sampling Purge Water | 266.0         | 11/17/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 3/24/2022             |
| 61   | R-67      | Regional     | Sandia Canyon    | Sampling Purge Water | 228           | 1/14/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 4/27/2022             |
| 62   | R-35a     | Regional     | Sandia Canyon    | Sampling Purge Water | 393.25        | 1/12/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 4/27/2022             |
| 63   | R-35a     | Regional     | Sandia Canyon    | Sampling Purge Water | 398           | 1/12/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 4/27/2022             |

| Item | Well Name | Well Type | Watershed        | Description          | Volume (gal.) | Generation Date | Decision Point D6 Compliant (Y/N) | Discharge Method | Discharge Location   | Land Application Date |
|------|-----------|-----------|------------------|----------------------|---------------|-----------------|-----------------------------------|------------------|----------------------|-----------------------|
| 64   | R-35b     | Regional  | Sandia Canyon    | Sampling Purge Water | 249.48        | 1/12/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 4/27/2022             |
| 65   | R-36      | Regional  | Sandia Canyon    | Sampling Purge Water | 191.4         | 1/28/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 4/27/2022             |
| 66   | R-43 S2   | Regional  | Sandia Canyon    | Sampling Purge Water | 128           | 1/25/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 4/27/2022             |
| 67   | R-67      | Regional  | Sandia Canyon    | Sampling Purge Water | 228           | 1/14/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 4/27/2022             |
| 68   | R-35a     | Regional  | Sandia Canyon    | Sampling Purge Water | 812.52        | 2/10/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 4/27/2022             |
| 69   | R-35b     | Regional  | Sandia Canyon    | Sampling Purge Water | 282           | 2/15/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 4/27/2022             |
| 70   | R-35b     | Regional  | Sandia Canyon    | Sampling Purge Water | 321           | 12/20/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 4/27/2022             |
| 71   | R-35a     | Regional  | Sandia Canyon    | Sampling Purge Water | 464.65        | 12/20/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 4/27/2022             |
| 72   | R-35a     | Regional  | Sandia Canyon    | Sampling Purge Water | 340           | 12/20/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 4/27/2022             |
| 73   | R-70 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 909.86        | 1/19/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 4/28/2022             |
| 74   | SIMR-2    | Regional  | Mortandad Canyon | Sampling Purge Water | 230.58        | 1/11/2022       | Y                                 | Sprinkler        | Land applied at R-13 | 4/28/2022             |
| 75   | R-50 S2   | Regional  | Mortandad Canyon | Sampling Purge Water | 367.78        | 1/24/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 4/28/2022             |
| 76   | SIMR-2    | Regional  | Mortandad Canyon | Sampling Purge Water | 242.76        | 2/9/2022        | Y                                 | Sprinkler        | Land applied at R-13 | 4/28/2022             |
| 77   | R-44 S2   | Regional  | Mortandad Canyon | Sampling Purge Water | 303           | 1/20/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 4/28/2022             |
| 78   | R-45 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 210.12        | 1/13/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 4/28/2022             |
| 79   | R-50 S2   | Regional  | Mortandad Canyon | Sampling Purge Water | 373.76        | 2/22/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 4/28/2022             |

| Item | Well Name | Well Type | Watershed               | Description          | Volume (gal.) | Generation Date | Decision Point D6 Compliant (Y/N) | Discharge Method | Discharge Location   | Land Application Date |
|------|-----------|-----------|-------------------------|----------------------|---------------|-----------------|-----------------------------------|------------------|----------------------|-----------------------|
| 80   | R-44 S2   | Regional  | Mortandad Canyon        | Sampling Purge Water | 297           | 2/17/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 4/28/2022             |
| 81   | R-45 S1   | Regional  | Mortandad Canyon        | Sampling Purge Water | 212.1         | 2/23/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 4/28/2022             |
| 82   | R-50 S2   | Regional  | Mortandad Canyon        | Sampling Purge Water | 386.28        | 12/21/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 4/28/2022             |
| 83   | R-44 S2   | Regional  | Mortandad Canyon        | Sampling Purge Water | 300           | 12/13/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 4/28/2022             |
| 84   | R-45 S1   | Regional  | Mortandad Canyon        | Sampling Purge Water | 223.38        | 12/7/2021       | Y                                 | Sprinkler        | Vicinity of Well     | 4/28/2022             |
| 85   | R-70 S1   | Regional  | Mortandad Canyon        | Sampling Purge Water | 440           | 12/8/2021       | Y                                 | Sprinkler        | Vicinity of Well     | 4/28/2022             |
| 86   | R-70 S1   | Regional  | Mortandad Canyon        | Sampling Purge Water | 460           | 12/8/2021       | Y                                 | Sprinkler        | Vicinity of Well     | 4/28/2022             |
| 87   | SIMR-2    | Regional  | Mortandad Canyon        | Sampling Purge Water | 231.8         | 12/9/2021       | Y                                 | Sprinkler        | Land applied at R-13 | 4/28/2022             |
| 88   | R-8 S2    | Regional  | Upper Los Alamos Canyon | Sampling Purge Water | 275.31        | 12/20/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 5/2/2022              |
| 89   | SIMR-2    | Regional  | Mortandad Canyon        | Sampling Purge Water | 232.5         | 3/9/2022        | Y                                 | Sprinkler        | Land applied at R-13 | 5/4/2022              |
| 90   | R-44 S2   | Regional  | Mortandad Canyon        | Sampling Purge Water | 302.94        | 3/17/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 5/4/2022              |
| 91   | R-50 S2   | Regional  | Mortandad Canyon        | Sampling Purge Water | 373.23        | 3/22/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 5/4/2022              |
| 92   | R-45 S1   | Regional  | Mortandad Canyon        | Sampling Purge Water | 213.21        | 3/23/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 5/4/2022              |
| 93   | R-35b     | Regional  | Sandia Canyon           | Sampling Purge Water | 257.04        | 3/25/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 5/5/2022              |
| 94   | R-35a     | Regional  | Sandia Canyon           | Sampling Purge Water | 390           | 3/18/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 5/5/2022              |
| 95   | R-35a     | Regional  | Sandia Canyon           | Sampling Purge Water | 425.86        | 3/18/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 5/5/2022              |

| Item | Well Name     | Well Type    | Watershed       | Description          | Volume (gal.) | Generation Date | Decision Point D6 Compliant (Y/N) | Discharge Method | Discharge Location | Land Application Date |
|------|---------------|--------------|-----------------|----------------------|---------------|-----------------|-----------------------------------|------------------|--------------------|-----------------------|
| 96   | 16-26644      | Intermediate | Water Canyon    | Sampling Purge Water | 5             | 12/14/2021      | Y                                 | Direct           | Vicinity of Well   | 6/1/2022              |
| 97   | 16-26644      | Intermediate | Water Canyon    | Sampling Purge Water | 5             | 12/14/2021      | Y                                 | Direct           | Vicinity of Well   | 6/1/2022              |
| 98   | 16-26644      | Intermediate | Water Canyon    | Sampling Purge Water | 1             | 12/14/2021      | Y                                 | Direct           | Vicinity of Well   | 6/1/2022              |
| 99   | R-47i         | Intermediate | Water Canyon    | Sampling Purge Water | 133.64        | 12/9/2021       | Y                                 | Sprinkler        | Vicinity of Well   | 6/1/2022              |
| 100  | R-47i         | Intermediate | Water Canyon    | Sampling Purge Water | 139.44        | 3/16/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 6/8/2022              |
| 101  | R-18          | Regional     | Pajarito Canyon | Sampling Purge Water | 450.12        | 3/8/2022        | Y                                 | Sprinkler        | Vicinity of Well   | 6/10/2022             |
| 102  | R-18          | Regional     | Pajarito Canyon | Sampling Purge Water | 395.56        | 12/7/2021       | Y                                 | Sprinkler        | Vicinity of Well   | 6/10/2022             |
| 103  | 16-26644      | Intermediate | Water Canyon    | Sampling Purge Water | 4             | 3/3/2022        | Y                                 | Direct           | Vicinity of Well   | 6/14/2022             |
| 104  | 16-26644      | Intermediate | Water Canyon    | Sampling Purge Water | 1.13          | 3/3/2022        | Y                                 | Direct           | Vicinity of Well   | 6/14/2022             |
| 105  | R-63          | Regional     | Water Canyon    | Sampling Purge Water | 392.7         | 12/13/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 6/14/2022             |
| 106  | R-31 S4       | Regional     | Ancho Canyon    | Sampling Purge Water | 485           | 2/9/2022        | Y                                 | Sprinkler        | Vicinity of Well   | 6/16/2022             |
| 107  | R-31 S4       | Regional     | Ancho Canyon    | Sampling Purge Water | 225           | 2/9/2022        | Y                                 | Sprinkler        | Vicinity of Well   | 6/16/2022             |
| 108  | CdV-R-15-3 S4 | Regional     | Water Canyon    | Sampling Purge Water | 293.76        | 3/3/2022        | Y                                 | Sprinkler        | Vicinity of Well   | 6/16/2022             |
| 109  | R-26 S1       | Intermediate | Water Canyon    | Sampling Purge Water | 292           | 3/15/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 6/16/2022             |
| 110  | R-47          | Regional     | Water Canyon    | Sampling Purge Water | 234.24        | 12/8/2021       | Y                                 | Sprinkler        | Vicinity of Well   | 6/16/2022             |
| 111  | R-40 Si       | Intermediate | Pajarito Canyon | Sampling Purge Water | 47.38         | 10/19/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 6/16/2022             |

| Item | Well Name | Well Type    | Watershed        | Description          | Volume (gal.) | Generation Date | Decision Point D6 Compliant (Y/N) | Discharge Method | Discharge Location   | Land Application Date |
|------|-----------|--------------|------------------|----------------------|---------------|-----------------|-----------------------------------|------------------|----------------------|-----------------------|
| 112  | R-40 S2   | Regional     | Pajarito Canyon  | Sampling Purge Water | 165.55        | 10/29/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 6/16/2022             |
| 113  | R-26 S1   | Intermediate | Water Canyon     | Sampling Purge Water | 285           | 9/8/2021        | Y                                 | Sprinkler        | Vicinity of Well     | 6/16/2022             |
| 114  | R-25b     | Intermediate | Water Canyon     | Sampling Purge Water | 49            | 3/14/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 6/16/2022             |
| 115  | R-25b     | Intermediate | Water Canyon     | Sampling Purge Water | 41            | 9/15/2021       | Y                                 | Sprinkler        | Vicinity of Well     | 6/16/2022             |
| 116  | R-11      | Regional     | Sandia Canyon    | Sampling Purge Water | 232.26        | 2/15/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 6/23/2022             |
| 117  | R-11      | Regional     | Sandia Canyon    | Sampling Purge Water | 202.86        | 3/21/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 6/23/2022             |
| 118  | SIMR-2    | Regional     | Mortandad Canyon | Sampling Purge Water | 247.5         | 4/6/2022        | Y                                 | Sprinkler        | Land applied at R-13 | 6/23/2022             |
| 119  | R-44 S2   | Regional     | Mortandad Canyon | Sampling Purge Water | 315           | 4/14/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 6/23/2022             |
| 120  | R-50 S2   | Regional     | Mortandad Canyon | Sampling Purge Water | 375.84        | 4/19/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 6/23/2022             |
| 121  | R-17 S2   | Regional     | Pajarito Canyon  | Sampling Purge Water | 162.81        | 4/14/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 6/24/2022             |
| 122  | R-35a     | Regional     | Sandia Canyon    | Sampling Purge Water | 362.5         | 4/21/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 6/24/2022             |
| 123  | R-35a     | Regional     | Sandia Canyon    | Sampling Purge Water | 440           | 4/21/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 6/24/2022             |
| 124  | R-35b     | Regional     | Sandia Canyon    | Sampling Purge Water | 296.82        | 4/21/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 6/24/2022             |
| 125  | R-11      | Regional     | Sandia Canyon    | Sampling Purge Water | 247.68        | 4/15/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 6/24/2022             |
| 126  | R-11      | Regional     | Sandia Canyon    | Sampling Purge Water | 218.88        | 1/21/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 6/24/2022             |
| 127  | R-11      | Regional     | Sandia Canyon    | Sampling Purge Water | 212.43        | 11/2/2021       | Y                                 | Sprinkler        | Vicinity of Well     | 6/24/2022             |

| Item | Well Name            | Well Type    | Watershed        | Description          | Volume (gal.) | Generation Date | Decision Point D6 Compliant (Y/N) | Discharge Method | Discharge Location | Land Application Date |
|------|----------------------|--------------|------------------|----------------------|---------------|-----------------|-----------------------------------|------------------|--------------------|-----------------------|
| 128  | R-55 S2              | Regional     | Mortandad Canyon | Sampling Purge Water | 288.86        | 10/15/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 6/24/2022             |
| 129  | R-38                 | Regional     | Mortandad Canyon | Sampling Purge Water | 182.02        | 10/14/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 6/24/2022             |
| 130  | R-11                 | Regional     | Sandia Canyon    | Sampling Purge Water | 220.22        | 8/17/2021       | Y                                 | Sprinkler        | Vicinity of Well   | 6/24/2022             |
| 131  | R-11                 | Regional     | Sandia Canyon    | Sampling Purge Water | 210.87        | 9/14/2021       | Y                                 | Sprinkler        | Vicinity of Well   | 7/1/2022              |
| 132  | R-11                 | Regional     | Sandia Canyon    | Sampling Purge Water | 215.34        | 10/12/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 7/1/2022              |
| 133  | R-11                 | Regional     | Sandia Canyon    | Sampling Purge Water | 200.79        | 12/16/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 7/1/2022              |
| 134  | CDV-37-1(i)          | Intermediate | Water Canyon     | Sampling Purge Water | 158.4         | 9/24/2021       | Y                                 | Sprinkler        | Vicinity of Well   | 7/22/2022             |
| 135  | CDV-37-1(i)          | Intermediate | Water Canyon     | Sampling Purge Water | 187.92        | 3/21/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 7/22/2022             |
| 136  | PCI-2                | Intermediate | Pajarito Canyon  | Sampling Purge Water | 74.97         | 4/12/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 7/26/2022             |
| 137  | R-20 S2              | Regional     | Pajarito Canyon  | Sampling Purge Water | 186.4         | 10/18/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 7/26/2022             |
| 138  | R-41 S2              | Regional     | Mortandad Canyon | Sampling Purge Water | 175.44        | 10/18/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 7/26/2022             |
| 139  | R-55 S1              | Regional     | Mortandad Canyon | Sampling Purge Water | 403.92        | 10/15/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 7/26/2022             |
| 140  | R-51 S2              | Regional     | Pajarito Canyon  | Sampling Purge Water | 352.5         | 10/28/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 7/26/2022             |
| 141  | R-54 S2              | Regional     | Pajarito Canyon  | Sampling Purge Water | 255.78        | 10/20/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 7/26/2022             |
| 142  | R-32 S1              | Regional     | Pajarito Canyon  | Sampling Purge Water | 311.38        | 10/25/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 7/26/2022             |
| 143  | R-31 S3 <sup>d</sup> | Regional     | Ancho Canyon     | Sampling Purge Water | 280           | 2/8/2022        | Y                                 | Sprinkler        | Vicinity of Well   | 7/27/2022             |

| Item | Well Name | Well Type    | Watershed        | Description          | Volume (gal.) | Generation Date | Decision Point D6 Compliant (Y/N) | Discharge Method | Discharge Location   | Land Application Date |
|------|-----------|--------------|------------------|----------------------|---------------|-----------------|-----------------------------------|------------------|----------------------|-----------------------|
| 144  | R-19 S3   | Regional     | Pajarito Canyon  | Sampling Purge Water | 284.35        | 4/7/2022        | Y                                 | Sprinkler        | Vicinity of Well     | 7/27/2022             |
| 145  | R-19 S2   | Intermediate | Pajarito Canyon  | Sampling Purge Water | 20.33         | 4/6/2022        | Y                                 | Sprinkler        | Vicinity of Well     | 7/27/2022             |
| 146  | SIMR-2    | Regional     | Mortandad Canyon | Sampling Purge Water | 173.75        | 5/6/2022        | Y                                 | Sprinkler        | Land applied at R-13 | 7/28/2022             |
| 147  | SIMR-2    | Regional     | Mortandad Canyon | Sampling Purge Water | 175           | 5/6/2022        | Y                                 | Sprinkler        | Land applied at R-13 | 7/28/2022             |
| 148  | R-44 S2   | Regional     | Mortandad Canyon | Sampling Purge Water | 300           | 5/26/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 7/28/2022             |
| 149  | R-50 S2   | Regional     | Mortandad Canyon | Sampling Purge Water | 363.52        | 5/23/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 7/28/2022             |
| 150  | R-36      | Regional     | Sandia Canyon    | Sampling Purge Water | 182.7         | 5/25/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 7/28/2022             |
| 151  | R-33 S1   | Regional     | Mortandad Canyon | Sampling Purge Water | 278.10        | 1/27/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 7/28/2022             |
| 152  | R-33 S2   | Regional     | Mortandad Canyon | Sampling Purge Water | 189.85        | 1/27/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 7/28/2022             |
| 153  | R-70 S1   | Regional     | Mortandad Canyon | Sampling Purge Water | 449.76        | 2/16/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 7/28/2022             |
| 154  | R-70 S1   | Regional     | Mortandad Canyon | Sampling Purge Water | 421.65        | 2/16/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 7/28/2022             |
| 155  | R-13      | Regional     | Mortandad Canyon | Sampling Purge Water | 346.5         | 1/28/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 7/28/2022             |
| 156  | R-13      | Regional     | Mortandad Canyon | Sampling Purge Water | 198.66        | 1/28/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 7/28/2022             |
| 157  | R-15      | Regional     | Mortandad Canyon | Sampling Purge Water | 284.4         | 11/15/2021      | Y                                 | Sprinkler        | Vicinity of Well     | 7/28/2022             |
| 158  | R-35a     | Regional     | Sandia Canyon    | Sampling Purge Water | 401.25        | 5/17/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 7/29/2022             |
| 159  | R-35a     | Regional     | Sandia Canyon    | Sampling Purge Water | 412.5         | 5/17/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 7/29/2022             |

| Item | Well Name | Well Type | Watershed        | Description          | Volume (gal.) | Generation Date | Decision Point D6 Compliant (Y/N) | Discharge Method | Discharge Location   | Land Application Date |
|------|-----------|-----------|------------------|----------------------|---------------|-----------------|-----------------------------------|------------------|----------------------|-----------------------|
| 160  | R-35b     | Regional  | Sandia Canyon    | Sampling Purge Water | 257.55        | 5/17/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 7/29/2022             |
| 161  | R-11      | Regional  | Sandia Canyon    | Sampling Purge Water | 202.86        | 5/3/2022        | Y                                 | Sprinkler        | Vicinity of Well     | 7/29/2022             |
| 162  | R-70 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 387.20        | 4/13/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 8/2/2022              |
| 163  | R-70 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 416.24        | 4/13/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 8/2/2022              |
| 164  | R-70 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 116.16        | 4/13/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 8/2/2022              |
| 165  | R-44 S2   | Regional  | Mortandad Canyon | Sampling Purge Water | 321           | 6/1/2022        | Y                                 | Sprinkler        | Vicinity of Well     | 8/2/2022              |
| 166  | R-50 S2   | Regional  | Mortandad Canyon | Sampling Purge Water | 362.5         | 6/2/2022        | Y                                 | Sprinkler        | Vicinity of Well     | 8/2/2022              |
| 167  | R-11      | Regional  | Sandia Canyon    | Sampling Purge Water | 218.88        | 6/8/2022        | Y                                 | Sprinkler        | Vicinity of Well     | 8/2/2022              |
| 168  | R-70 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 472.8         | 6/9/2022        | Y                                 | Sprinkler        | Vicinity of Well     | 8/2/2022              |
| 169  | R-70 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 453.1         | 6/9/2022        | Y                                 | Sprinkler        | Vicinity of Well     | 8/2/2022              |
| 170  | SIMR-2    | Regional  | Mortandad Canyon | Sampling Purge Water | 236.8         | 6/16/2022       | Y                                 | Sprinkler        | Land applied at R-13 | 8/2/2022              |
| 171  | R-70 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 444.54        | 3/16/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 8/2/2022              |
| 172  | R-70 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 463.66        | 3/16/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 8/2/2022              |
| 173  | R-15      | Regional  | Mortandad Canyon | Sampling Purge Water | 252.48        | 1/21/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 8/4/2022              |
| 174  | R-67      | Regional  | Sandia Canyon    | Sampling Purge Water | 245.44        | 5/27/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 8/4/2022              |
| 175  | R-33 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 266.05        | 5/5/2022        | Y                                 | Sprinkler        | Vicinity of Well     | 8/4/2022              |

| Item | Well Name | Well Type    | Watershed        | Description          | Volume (gal.) | Generation Date | Decision Point D6 Compliant (Y/N) | Discharge Method | Discharge Location | Land Application Date |
|------|-----------|--------------|------------------|----------------------|---------------|-----------------|-----------------------------------|------------------|--------------------|-----------------------|
| 176  | R-33 S2   | Regional     | Mortandad Canyon | Sampling Purge Water | 190.4         | 5/5/2022        | Y                                 | Sprinkler        | Vicinity of Well   | 8/4/2022              |
| 177  | R-70 S1   | Regional     | Mortandad Canyon | Sampling Purge Water | 900.24        | 5/18/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 8/4/2022              |
| 178  | R-15      | Regional     | Mortandad Canyon | Sampling Purge Water | 228.81        | 5/18/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 8/4/2022              |
| 179  | R-13      | Regional     | Mortandad Canyon | Sampling Purge Water | 240           | 5/31/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 8/4/2022              |
| 180  | R-13      | Regional     | Mortandad Canyon | Sampling Purge Water | 328.75        | 5/31/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 8/4/2022              |
| 181  | R-35a     | Regional     | Sandia Canyon    | Sampling Purge Water | 825.1         | 6/10/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 8/12/2022             |
| 182  | R-35b     | Regional     | Sandia Canyon    | Sampling Purge Water | 252           | 6/10/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 8/12/2022             |
| 183  | R-18      | Regional     | Pajarito Canyon  | Sampling Purge Water | 381.36        | 6/10/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 8/30/2022             |
| 184  | 16-26644  | Intermediate | Water Canyon     | Sampling Purge Water | 5             | 6/14/2022       | Y                                 | Direct           | Vicinity of Well   | 8/30/2022             |
| 185  | 16-26644  | Intermediate | Water Canyon     | Sampling Purge Water | 3.61          | 6/14/2022       | Y                                 | Direct           | Vicinity of Well   | 8/30/2022             |
| 186  | R-47i     | Intermediate | Water Canyon     | Sampling Purge Water | 132.84        | 6/8/2022        | Y                                 | Sprinkler        | Vicinity of Well   | 9/1/2022              |
| 187  | R-35a     | Regional     | Sandia Canyon    | Sampling Purge Water | 500           | 7/8/2022        | Y                                 | Sprinkler        | Vicinity of Well   | 10/21/2022            |
| 188  | R-35a     | Regional     | Sandia Canyon    | Sampling Purge Water | 288.1         | 7/8/2022        | Y                                 | Sprinkler        | Vicinity of Well   | 10/21/2022            |
| 189  | R-35b     | Regional     | Sandia Canyon    | Sampling Purge Water | 255.84        | 7/8/2022        | Y                                 | Sprinkler        | Vicinity of Well   | 10/21/2022            |
| 190  | R-35b     | Regional     | Sandia Canyon    | Sampling Purge Water | 260.26        | 8/29/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 10/21/2022            |
| 191  | R-35a     | Regional     | Sandia Canyon    | Sampling Purge Water | 881.35        | 8/25/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 10/21/2022            |

| Item | Well Name | Well Type | Watershed        | Description          | Volume (gal.) | Generation Date | Decision Point D6 Compliant (Y/N) | Discharge Method | Discharge Location   | Land Application Date |
|------|-----------|-----------|------------------|----------------------|---------------|-----------------|-----------------------------------|------------------|----------------------|-----------------------|
| 192  | R-35a     | Regional  | Sandia Canyon    | Sampling Purge Water | 364.99        | 8/25/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 10/21/2022            |
| 193  | R-35a     | Regional  | Sandia Canyon    | Sampling Purge Water | 255.17        | 8/25/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 10/21/2022            |
| 194  | R-50 S2   | Regional  | Mortandad Canyon | Sampling Purge Water | 367.5         | 8/16/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 10/25/2022            |
| 195  | SIMR-2    | Regional  | Mortandad Canyon | Sampling Purge Water | 243.57        | 8/17/2022       | Y                                 | Sprinkler        | Land applied at R-13 | 10/25/2022            |
| 196  | SIMR-2    | Regional  | Mortandad Canyon | Sampling Purge Water | 217.77        | 9/14/2022       | Y                                 | Sprinkler        | Land applied at R-13 | 10/25/2022            |
| 197  | R-33 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 296.67        | 7/7/2022        | Y                                 | Sprinkler        | Vicinity of Well     | 10/25/2022            |
| 198  | R-33 S2   | Regional  | Mortandad Canyon | Sampling Purge Water | 186.24        | 7/7/2022        | Y                                 | Sprinkler        | Vicinity of Well     | 10/25/2022            |
| 199  | R-50 S2   | Regional  | Mortandad Canyon | Sampling Purge Water | 368.64        | 7/12/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 10/25/2022            |
| 200  | SIMR-2    | Regional  | Mortandad Canyon | Sampling Purge Water | 236.25        | 7/14/2022       | Y                                 | Sprinkler        | Land applied at R-13 | 10/25/2022            |
| 201  | R-13      | Regional  | Mortandad Canyon | Sampling Purge Water | 500           | 7/14/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 10/25/2022            |
| 202  | R-13      | Regional  | Mortandad Canyon | Sampling Purge Water | 47            | 7/14/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 10/25/2022            |
| 203  | R-15      | Regional  | Mortandad Canyon | Sampling Purge Water | 243.95        | 7/15/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 10/25/2022            |
| 204  | R-36      | Regional  | Sandia Canyon    | Sampling Purge Water | 176.04        | 7/18/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 10/25/2022            |
| 205  | R-11      | Regional  | Sandia Canyon    | Sampling Purge Water | 218.25        | 8/9/2022        | Y                                 | Sprinkler        | Vicinity of Well     | 10/28/2022            |
| 206  | R-11      | Regional  | Sandia Canyon    | Sampling Purge Water | 197.88        | 7/5/2022        | Y                                 | Sprinkler        | Vicinity of Well     | 11/9/2022             |
| 207  | R-70 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 517.44        | 9/19/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 11/9/2022             |

| Item | Well Name | Well Type | Watershed        | Description          | Volume (gal.) | Generation Date | Decision Point D6 Compliant (Y/N) | Discharge Method | Discharge Location | Land Application Date |
|------|-----------|-----------|------------------|----------------------|---------------|-----------------|-----------------------------------|------------------|--------------------|-----------------------|
| 208  | R-70 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 388.08        | 9/19/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 11/9/2022             |
| 209  | R-44 S2   | Regional  | Mortandad Canyon | Sampling Purge Water | 308.7         | 9/15/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 11/9/2022             |
| 210  | R-70 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 900.6         | 8/23/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 11/9/2022             |
| 211  | R-44 S2   | Regional  | Mortandad Canyon | Sampling Purge Water | 285           | 7/12/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 11/9/2022             |
| 212  | R-70 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 500           | 7/13/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 11/9/2022             |
| 213  | R-44 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 269.18        | 11/16/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 11/9/2022             |
| 214  | R-44 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 228           | 12/13/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 11/9/2022             |
| 215  | R-11      | Regional  | Sandia Canyon    | Sampling Purge Water | 226.8         | 9/6/2022        | Y                                 | Sprinkler        | Vicinity of Well   | 11/22/2022            |
| 216  | R-70 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 390           | 7/13/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 11/23/2022            |
| 217  | R-44 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 223.3         | 8/18/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 11/23/2022            |
| 218  | R-44 S2   | Regional  | Mortandad Canyon | Sampling Purge Water | 305.91        | 8/18/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 11/23/2022            |
| 219  | R-44 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 235.71        | 9/15/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 11/23/2022            |
| 220  | R-44 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 221.19        | 7/12/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 11/23/2022            |
| 221  | R-45 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 211.14        | 7/7/2022        | Y                                 | Sprinkler        | Vicinity of Well   | 11/23/2022            |
| 222  | R-44 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 253.3         | 3/17/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 11/23/2022            |
| 223  | R-44 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 243           | 2/18/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 11/23/2022            |

| Item | Well Name | Well Type | Watershed        | Description          | Volume (gal.) | Generation Date | Decision Point D6 Compliant (Y/N) | Discharge Method | Discharge Location | Land Application Date |
|------|-----------|-----------|------------------|----------------------|---------------|-----------------|-----------------------------------|------------------|--------------------|-----------------------|
| 224  | R-44 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 251.49        | 1/20/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 11/23/2022            |
| 225  | R-44 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 231           | 5/26/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 11/23/2022            |
| 226  | R-44 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 234           | 6/1/2022        | Y                                 | Sprinkler        | Vicinity of Well   | 11/23/2022            |
| 227  | R-45 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 210           | 6/15/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 11/23/2022            |
| 228  | R-45 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 210.12        | 5/5/2022        | Y                                 | Sprinkler        | Vicinity of Well   | 11/23/2022            |
| 229  | R-44 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 269.18        | 4/14/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 11/23/2022            |
| 230  | R-45 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 219           | 8/11/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 11/23/2022            |
| 231  | R-63      | Regional  | Water Canyon     | Sampling Purge Water | 397.29        | 6/14/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 11/28/2022            |
| 232  | R-45 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 214.2         | 4/7/2022        | Y                                 | Sprinkler        | Vicinity of Well   | 11/28/2022            |
| 233  | R-50 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 227.5         | 12/21/2021      | Y                                 | Sprinkler        | Vicinity of Well   | 11/28/2022            |
| 234  | R-63      | Regional  | Water Canyon     | Sampling Purge Water | 446.52        | 8/19/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 11/28/2022            |
| 235  | R-45 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 215.13        | 9/7/2022        | Y                                 | Sprinkler        | Vicinity of Well   | 11/28/2022            |
| 236  | R-35a     | Regional  | Sandia Canyon    | Sampling Purge Water | 816.66        | 10/21/2022      | Y                                 | Sprinkler        | Vicinity of Well   | 12/12/2022            |
| 237  | R-35b     | Regional  | Sandia Canyon    | Sampling Purge Water | 259.96        | 10/21/2022      | Y                                 | Sprinkler        | Vicinity of Well   | 12/12/2022            |
| 238  | R-35a     | Regional  | Sandia Canyon    | Sampling Purge Water | 393.3         | 9/16/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 12/12/2022            |
| 239  | R-35a     | Regional  | Sandia Canyon    | Sampling Purge Water | 414           | 9/16/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 12/12/2022            |

| Item | Well Name | Well Type | Watershed        | Description          | Volume (gal.) | Generation Date | Decision Point D6 Compliant (Y/N) | Discharge Method | Discharge Location   | Land Application Date |
|------|-----------|-----------|------------------|----------------------|---------------|-----------------|-----------------------------------|------------------|----------------------|-----------------------|
| 240  | R-35b     | Regional  | Sandia Canyon    | Sampling Purge Water | 273.24        | 9/16/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 12/12/2022            |
| 241  | SIMR-2    | Regional  | Mortandad Canyon | Sampling Purge Water | 236.82        | 10/12/2022      | Y                                 | Sprinkler        | Land applied at R-13 | 12/21/2022            |
| 242  | R-50 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 210.82        | 9/13/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 12/21/2022            |
| 243  | R-50 S2   | Regional  | Mortandad Canyon | Sampling Purge Water | 365.4         | 9/13/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 12/21/2022            |
| 244  | R-50 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 213.28        | 8/16/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 12/21/2022            |
| 245  | R-50 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 206.7         | 7/12/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 12/21/2022            |
| 246  | R-50 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 216.58        | 1/11/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 12/21/2022            |
| 247  | R-50 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 204.12        | 2/22/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 12/21/2022            |
| 248  | R-50 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 205.14        | 4/20/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 12/21/2022            |
| 249  | R-50 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 202.24        | 6/2/2022        | Y                                 | Sprinkler        | Vicinity of Well     | 12/21/2022            |
| 250  | R-50 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 215.88        | 3/22/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 12/21/2022            |
| 251  | R-50 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 215           | 5/20/2022       | Y                                 | Sprinkler        | Vicinity of Well     | 12/21/2022            |
| 252  | R-45 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 210           | 10/25/2022      | Y                                 | Sprinkler        | Vicinity of Well     | 12/22/2022            |
| 253  | R-70 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 424.45        | 10/26/2022      | Y                                 | Sprinkler        | Vicinity of Well     | 12/22/2022            |
| 254  | R-70 S1   | Regional  | Mortandad Canyon | Sampling Purge Water | 459.71        | 10/26/2022      | Y                                 | Sprinkler        | Vicinity of Well     | 12/22/2022            |
| 255  | R-11      | Regional  | Sandia Canyon    | Sampling Purge Water | 227.52        | 10/17/2022      | Y                                 | Sprinkler        | Vicinity of Well     | 12/22/2022            |

| Item | Well Name | Well Type | Watershed        | Description          | Volume (gal.) | Generation Date | Decision Point D6 Compliant (Y/N) | Discharge Method | Discharge Location | Land Application Date |
|------|-----------|-----------|------------------|----------------------|---------------|-----------------|-----------------------------------|------------------|--------------------|-----------------------|
| 256  | R-13      | Regional  | Mortandad Canyon | Sampling Purge Water | 374.49        | 11/8/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 12/22/2022            |
| 257  | R-13      | Regional  | Mortandad Canyon | Sampling Purge Water | 189.81        | 11/8/2022       | Y                                 | Sprinkler        | Vicinity of Well   | 12/22/2022            |

<sup>a</sup> S1 = Screen 1.

<sup>b</sup> S2 = Screen 2.

<sup>c</sup> S4 = Screen 4.

<sup>d</sup> S3 = Screen 3.