



Agenda

**Regular Meeting of the
Buckman Direct Diversion
Board
May 7, 2026 at 4:00 PM
Council Chambers
City Hall
200 Lincoln Avenue**

Procedures for Buckman Direct Diversion Board Meeting

The Agenda and packet for the BDD meeting are posted at <https://santafe.primegov.com/public/.portal>.

Join on Zoom: <https://santafenm-gov.zoom.us/j/85068470377>.

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Approval of Minutes
 - a. Approval of April 2, 2026, Buckman Direct Diversion Board Minutes
5. Matters from the Public
6. Presentations and Informational Items
 - a. Monthly Update on BDD Operations. (Matt Sandoval, BDD Operations Superintendent; mgsandoval@santafenm.gov, 505-955-4501).
 - b. Report from the BDD Facilities Manager. (Bradley Prada, BDD Facilities Manager; bxprada@santafenm.gov, 505-955-4507).
 - c. Presentation of National Nuclear Security Administration (NNSA) Issued 2026 Final Site-Wide Environmental Impact Statement (SWEIS) and Record of Decision (ROD) for Expanded Operations at Los Alamos National Laboratory (LANL). (Jim Riesterer & Larry 'Boot' Pierce, BDDDB Consultant/GZA GeoEnvironmental Inc. d/b/a Glorieta Geoscience, james.riesterer@gza.com and larry.pierce@gza.com, 505-983-5446, Kyle Harwood, BDDDB Legal Counsel, kyle@harwoodpierpont.com, 505-660-6818).

7. Action Items: Discussion Agenda
 - a. Request for Approval for BDD Chair Jamie Cassutt, Vice-Chair Justin Greene, Facilities Manager, Bradley Prada and BDD Legal Counsel, Nancy Long, to Serve on the Committee to Make Recommendations to the Board for the Positions of Citizen Member and Alternate Citizen Member to Serve on the BDD Board. (Nancy R. Long, BDD Legal Counsel, nancy@longkomer.com, 505-982-8405 and Bradley Prada, BDD Facilities Manager, bxprada@santafenm.gov, 505-955-4507).
8. Matters from the Board
9. Next Meeting: Thursday, June 02, 2026
10. Adjourn

Persons with disabilities in need of accommodations, contact the City Clerk's office at 955-6521, five (5) working days prior to meeting date.

Date: May 7, 2026
To: Buckman Direct Diversion Board
From: Matthew Sandoval, BDD Operations Superintendent *MS*
Subject: Update on BDD Operations for the Month of April 2026

ITEM:

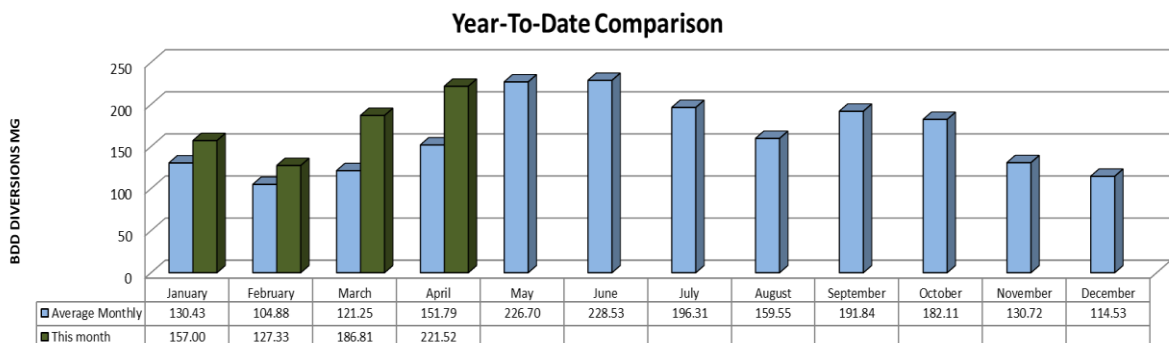
1. This memorandum is to update the Buckman Direct Diversion Board (BDDDB) on BDD operations during the month of April 2026. The BDD diversions and deliveries have averaged, in Million Gallons Per Day (MGD), as follows:

	April	2026	2025
Raw water diversions		7.38 MGD	7.24 MGD
Raw water delivery to Las Campanas at BS2A		0.98 MGD	0.52 MGD
Drinking water deliveries through Booster Station 4A/5A		6.29 MGD	6.47 MGD

2. Water supply to the City and County from all sources.

	April	2026	2025
BDD		63%	73.8%
Canyon Rd WTP		13.5%	1.0%
City Wells		3.8%	10.6%
Buckman Wells		19.7%	14.6%

3. The BDD year-to-date diversions are depicted below:

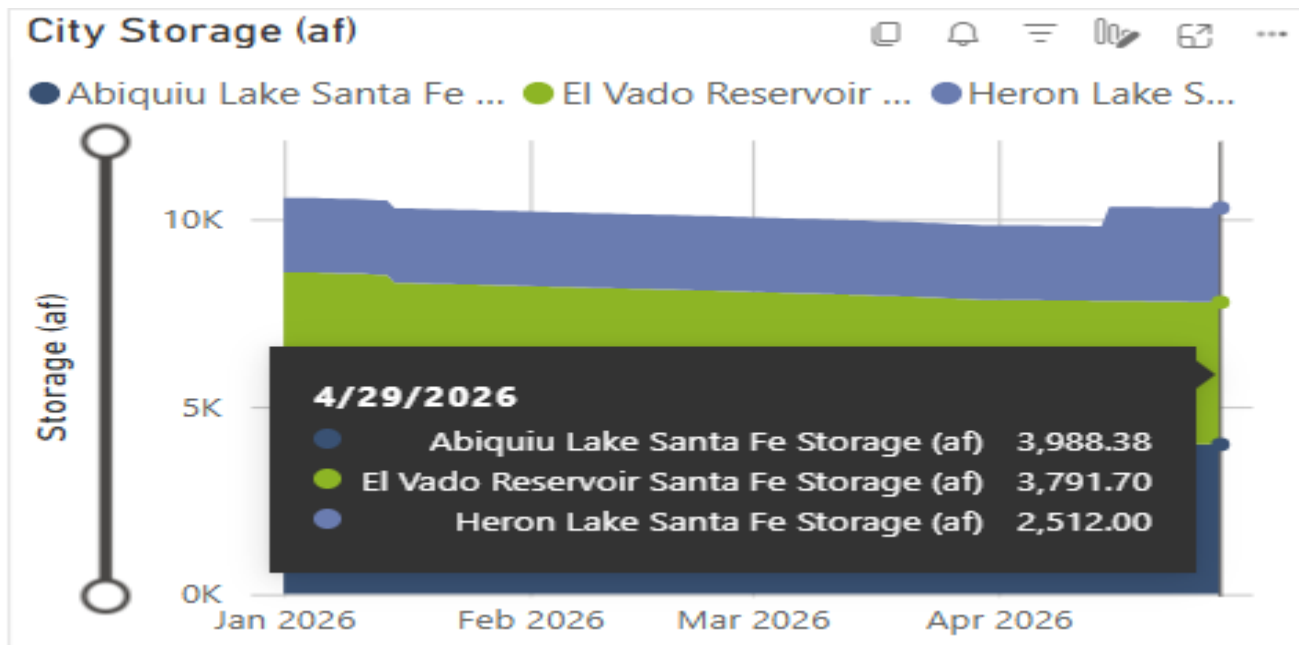


Regional Water Overview

Daily metered regional water demand for the month averaged approximately: 8.8 MGD

Rio Grande flows averaged approximately: 491 CFS (cubic feet per second)

City/County/Las Campanas Storage- as updated by partners. As of April 29, 2026 City of SF Abiquiu SJC storage is at about 3988.38 AF.



Regional Water Supply

CRWTP reservoir storage: Nichols: 76.07% McClure: 45.8% Watershed Inflow: 1.81 MGD

- Santa Fe SNOTEL
 - Cumulative snow Water/Equiv. Inches 0.0
 - Cumulative Snow in Depth in Inches 0.0



Current Rio Grande Watershed Snowpack Storage Data:

The current (4/20/26) Upper Rio Grande Basin Index is 13% of the historic median value for Snow Water Equivalent (SWE) and 86% of the historic median value for precipitation, primarily due to late fall rain events. This suggests that, while total precipitation in this basin has been near average for the water year starting October 1, the below normal snowpack may result in reduced spring runoff and river flows if it is not supplemented by snow accumulation in the coming months.

Source: <https://wcc.sc.egov.usda.gov/reports>

Current El Niño Southern Oscillation (ENSO) Status Summary

At the time this report is being prepared (4/20/26) NOAA is reporting ENSO-neutral conditions. Sea surface temperatures are near average in the central and east-central equatorial Pacific, with the most recent weekly Niño-3.4 index around -0.2 °C indicating near normal conditions. NOAA is forecasting that ENSO-neutral conditions may persist through June (80%), with a shift to El Niño conditions expected thereafter (61%).

Source: cpc.ncep.noaa.gov

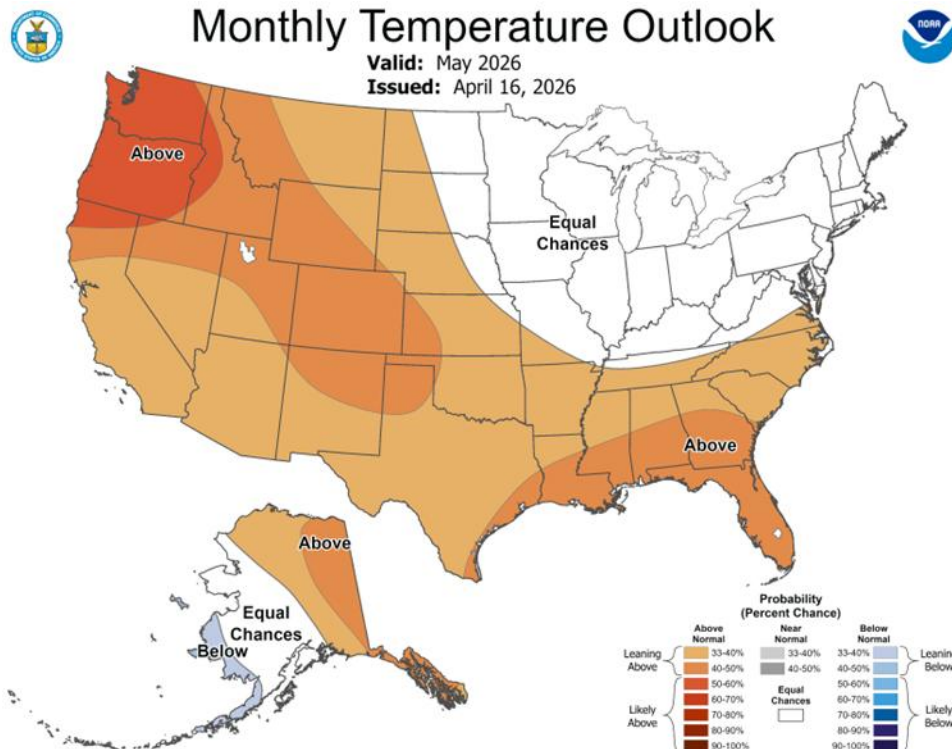
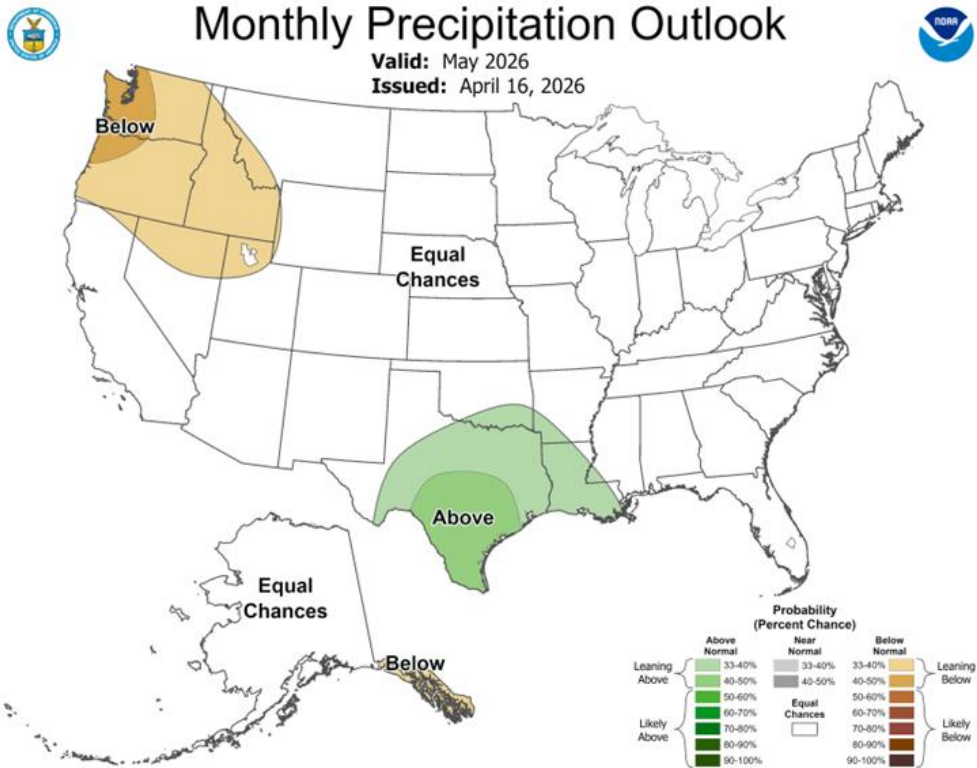
Seasonal Precipitation and Temperature Outlooks:

The current NOAA one-month forecast shows an equal chance of above or below normal precipitation, with above average temperatures likely for the region. Both the current NOAA three-month precipitation outlook and the three-month temperature forecast are leaning toward above normal for the region. Maps of one-month and three-month temperature and precipitation forecasts are provided below.

Source: https://www.cpc.ncep.noaa.gov/products/predictions/long_range/seasonal.php?lead=1

Summary/Interpretation

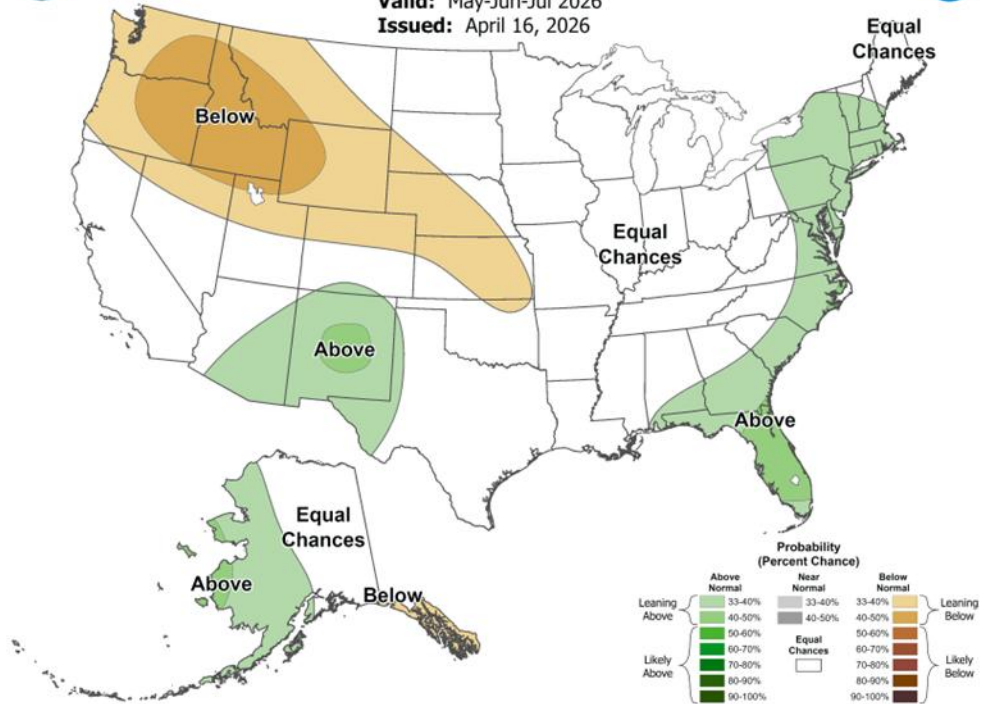
Below average snowpack in the Upper Rio Grande basin indicates that it is likely there will be below normal spring runoff/native Rio Grande flows and a San Juan Chama Project allocation that is less than 100%. The three-month precipitation outlook is more promising, with a shift to El Niño conditions potentially resulting in higher than normal precipitation during summer monsoons.





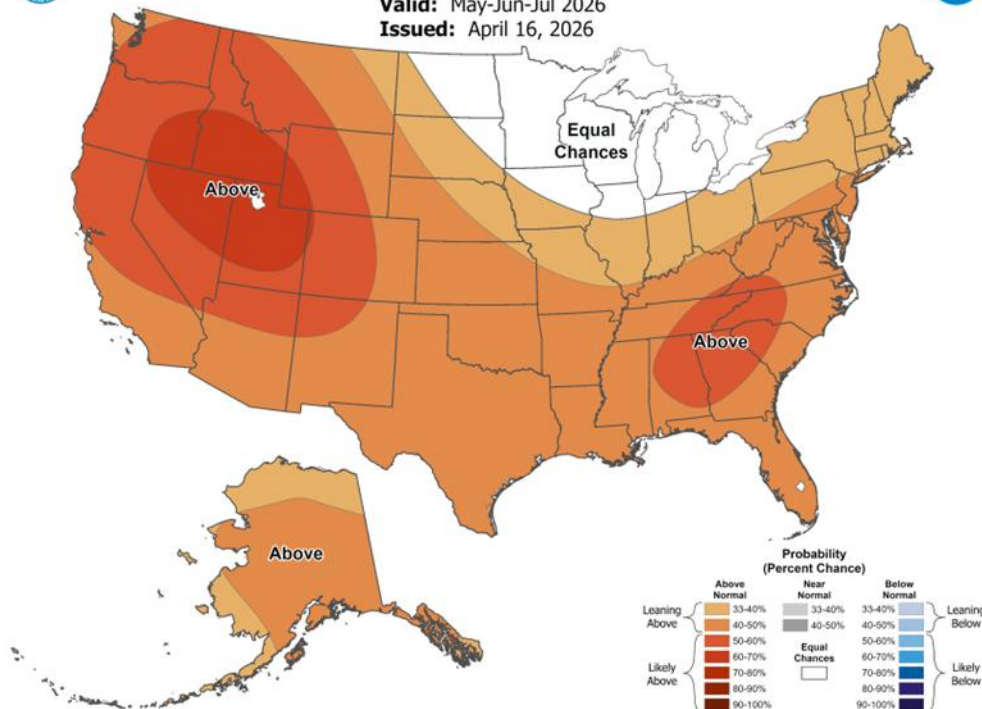
Seasonal Precipitation Outlook

Valid: May-Jun-Jul 2026
Issued: April 16, 2026



Seasonal Temperature Outlook

Valid: May-Jun-Jul 2026
Issued: April 16, 2026



Buckman Direct Diversion Monthly Native and SJC Diversions (ac-ft)

	Total Diverted	Total Native Diverted	County Native Rio Grande Diversions					TCLC Native Rio Grande Diversion				San Juan-Chama Diversions			
			Total County Native Diverted	County Native SP-4842	County Native SP-4842-A	County Native RG-20516 et al. -C into SP-4842	County Native RG-20516 et al. A & -B into SP-4842-A	Total TCLC Native Diverted	TCLC Native SP-4842-A	TCLC Native RG-20516 et al. -A & -B into SP-4842-A	Total SJC Diverted	City SJC SP-2847-E Diverted	County SJC SP-2847-E Diverted	TCLC SJC SP-02847-N into SP-4842-A1-T Diverted	
2026 Jan	496.024	380.983	380.983	1,358.530	0.000	372.384	(1,349.932)	0.000	0.000	0.000	115.041	115.041	0.000	0.000	
Feb	412.395	283.548	283.548	0.000	0.000	0.000	283.548	0.000	0.000	0.000	128.846	128.846	0.000	0.000	
Mar	711.799	492.784	492.784	0.000	0.000	0.000	492.784	0.000	0.000	0.000	185.415	185.415	0.000	33.600	
Apr	648.985	648.985	648.985	0.000	0.000	0.000	648.985	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Total	2,269.203	1,806.300	1,806.300	1,358.530	0.000	372.384	75.386	0.000	0.000	0.000	462.903	429.303	0.000	33.600	
Max Allowable		2,440.368	2,224.234	1,358.530	0.000	372.384	493.320	216.134	69.804	146.330	7,454.125	6,406.750	459.375	588.000	
Remaining		634.068	417.934				417.934	216.134	69.804	146.330	6,991.223	5,977.448	459.375	554.400	

Projected Diversions (ac-ft)

	Total Diverted	Total Native Diverted	Total County Native Diverted	County Native SP-4842	County Native SP-4842-A	County Native RG-20516 et al. -C into SP-4842	County Native RG-20516 et al. A & -B into SP-4842-A	Total TCLC Native Diverted	TCLC Native SP-4842-A	TCLC Native RG-20516 et al. -A & -B into SP-4842-A	Total SJC Diverted	City SJC SP-2847-E Diverted	County SJC SP-2847-E Diverted	TCLC SJC SP-02847-N into SP-4842-A1-T Diverted
Jun	790	0	0	0	0	0	0	0	0	0	790	790	0	0
Jul	550	0	0	0	0	0	0	0	0	0	550	550	0	0
Aug	450	0	0	0	0	0	0	0	0	0	450	390	0	60
Sep	500	0	0	0	0	0	0	0	0	0	500	460	0	40
Oct	490	130	130	0	0	0	130	0	0	0	360	340	0	20
Nov	330	150	150	0	0	0	28	0	0	0	180	160	0	20
Dec	340	150	150	0	0	0	0	0	0	0	190	190	0	0
Total Projected	4,090	690	690	0	0	0	418	0	0	0	3,400	3,260	0	140



Buckman Direct Diversion Monthly Native and SJC Diversions (ac-ft)

	Total Diverted	Total Native Diverted	County Native Rio Grande Diversions				TCLC Native Rio Grande Diversion			San Juan-Chama Diversions			
			Total County Native Diverted	County Native SP-4842	County Native SP-4842-A	County Native RG-20516 et al. -C into SP-4842	County Native RG-20516 et al. -A & -B into SP-4842-A	Total TCLC Native Diverted	TCLC Native SP-4842-A	TCLC Native RG-20516 et al. -A & -B into SP-4842-A	Total SJC Diverted	City SJC SP-2847-E Diverted	County SJC SP-2847-E Diverted
2025 Jan	326.141	123.689	123.689	123.689	0.000	0.000	0.000	0.000	0.000	202.453	202.453	0.000	0.000
Feb	313.427	28.205	28.205	28.205	0.000	0.000	0.000	0.000	0.000	285.223	285.223	0.000	0.000
Mar	563.860	257.038	257.038	257.038	0.000	0.000	0.000	0.000	0.000	306.823	306.823	0.000	0.000
Apr	677.035	471.649	471.649	471.649	0.000	0.000	0.000	0.000	0.000	205.388	205.388	0.000	0.000
May	918.542	292.560	292.560	292.560	0.000	0.000	0.000	0.000	0.000	625.983	625.983	0.000	0.000
Jun	754.206	62.214	62.214	62.214	0.000	0.000	0.000	0.000	0.000	691.993	691.993	0.000	0.000
Jul	748.447	35.193	35.193	35.193	0.000	0.000	0.000	0.000	0.000	713.256	713.256	0.000	0.000
Aug	446.168	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	446.169	446.169	0.000	0.000
Sep	418.331	65.790	65.790	65.790	0.000	0.000	0.000	0.000	0.000	352.542	352.542	0.000	0.000
Oct	304.622	148.107	148.107	148.107	0.000	125.915	0.000	0.000	0.000	156.516	156.516	0.000	0.000
Nov	301.012	282.448	282.448	282.448	0.000	246.469	35.979	0.000	0.000	18.565	0.000	0.000	18.565
Dec	425.163	425.164	425.164	425.164	0.000	0.000	425.164	0.000	0.000	0.000	0.000	0.000	0.000
Total	6,196.954	2,192.057	2,192.057	1,358.530	0.000	372.384	461.143	0.000	0.000	4,004.911	3,986.345	0.000	18.565
Max Allowable		2,440.368	2,224.234	1,358.530	0.000	372.384	493.320	146.330	69.804	7,362.500	6,407.000	367.500	588.000
Remaining		248.311	32.177				32.177	146.330	69.804	3,357.589	2,420.655	367.500	569.435

Projected Diversions (ac-ft)

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SJC in Storage as of Thursday, January 1, 2026 (ac-ft)

City SJC in Storage		TCLC SJC in Storage
10,558	1,003	1,109





Date: May 7, 2026

To: BDD Board

From: Bradley Prada, BDD Facilities Manager

Re: BDD Facilities Manager Monthly Update to the BDD Board

This report outlines current progress on key facility projects, procurement, and staffing as of May 2026. Updates include the advancement of Major Repair and Replacement (MR&R) projects and continued progress on the Design/Rebuild project.

- **Major Repair and Replacement (MR&R) Fund.**

A key piece of equipment used for solids handling (centrifuge) has failed. We have initiated the process to begin repairs. I will provide the Board with periodic updates as this work progresses.

Three vertical turbine pumps have been ordered for our RW system. We anticipate having these in service in the next couple of months.

- **Design/Build project**

The RFQ solicitation to secure a design team is scheduled for release by the time of this meeting. We anticipate onboarding the team in late summer or early fall. Based on the results of our feasibility study, we have implemented specific project parameters within the RFQ. These requirements ensure that proposed designs remain within realistic technical and budgetary limits, ensuring the long-term viability of the project. Following the extensive work completed during the RFI phase, we are confident that the RFQ will attract highly qualified offerors who are well-aligned with BDD's technical requirements.

- **Contracts**

Staff are managing several contracts set to expire at the end of this Fiscal Year to ensure a seamless transition into the new Fiscal Year. We expect to present these for approval next month.

- **Current Job Vacancy Updates**

BDD personnel are collaborating closely with City staff to fill open positions.

<u>Title</u>	<u>Status</u>
Accounting Manager	Offer made and accepted. Awaiting starting date
Journeyman Electrician	Awaiting position reposting
PUD Operator Ladder	Posting for Lead Operator in progress
Admin Assistant	Process to post started



Memorandum

Date: April 9, 2026
To: Buckman Direct Diversion Board
From: Brad Prada (BDD Facility Manager)
Paul Drakos, Jim Riesterer, Boot Pierce, GZA GeoEnvironmental, Inc. d/b/a
Glorieta Geoscience (GGI)
Nancy R. Long, Kyle Harwood (BDD General Counsel)
Subject: Summary of NNSA issued 2026 Final Site-Wide Environmental Impact Statement
and Record of Decision for Expanded Operations at Los Alamos National
Laboratory

On April 9, 2025, the Buckman Direct Diversion Board (BDDDB) provided comments on the Los Alamos National Laboratory (LANL) DRAFT Site Wide Environmental Impact Statement (SWEIS) for Continued Operation of Los Alamos National Laboratory. On March 25, 2026, the National Nuclear Security Administration (NNSA) issued the Final Site-Wide Environmental Impact Statement and Record of Decision (ROD) for Operations for Los Alamos National Laboratory. The ROD evaluated three alternatives for operations: No-Action, Modernized Operations, and Expanded Operations. The ROD determination was to implement the Expanded Operations Alternative to manage Los Alamos National Laboratory in the coming years through 2038.

GZA GeoEnvironmental, Inc., dba Glorieta Geoscience (GGI) has reviewed the SWEIS to determine if the BDDDB concerns and recommendations were addressed in the documents. The comments and recommendations of the April 9, 2025 BDDDB letter are highlighted below along with a summary of sections and comments from within the SWEIS that address them.

Summary

The SWEIS report discussed actions under the Expanded Operations ROD in a general nature. In the Introduction of the report (Section 1.0 of Volume 1) the SWEIS states that “The SWEIS is a “site-wide NEPA document,” which means that it is a broad-scope environmental impact statement that is programmatic in nature and identifies and assesses the individual and cumulative impacts of ongoing and reasonably foreseeable future actions at the Laboratory (per 10 CFR 1021.104).

The NNSA discussions within the SWEIS were framed in general terms of how they may address operations under the expanded operations ROD without providing precise or clear details or plans of action.

Public comments and comments to the DRAFT SWEIS, such as those provided by BDDDB in the April 9, 2025 letter, were aggregated by topic and responses were provided in Appendix N of the SWEIS.

BDDDB comments #1 through #5 (see below) were not directly discussed in the SWEIS but were addressed obliquely in discussions in general terms of how NNSA may address the situations without providing a precise or clear plan of action. In many cases the SWEIS references

previous documents, environmental assessments, and consent orders for more specific operational direction.

BDDB comment #6 and #7 related to wildland fires risk reduction and feral cattle were addressed in slightly more detail with further references to the *Wildland Fire Mitigations and Forest Health Plan* and *Feral and invasive Cattle Management Plans*.

BDDB comment #8 related to the installation of the Emergency Notification System gage located in Los Alamos Canyon was not addressed in the SWEIS. However, BDD staff and GGI are currently working with LANL on installation and operations of the camera located at E110.7.

1. BDDB Recommendation #1 - Expedite schedules for all environmental remediation activities.

- a) The SWEIS, in referring to site characterization and environmental monitoring, indicates that “LANL may also engage in expedited cleanups, such as limited removals to facilitate site characterization, interim measures (as defined in RCRA), or full-scale cleanup or closure of sites recognized as having a perceived public risk associated with them” (I.2.1.1, Page I-18, Volume 2). However, the documents provide no details as to how that would be achieved.

2. BDDB Recommendation #2 - Restart the Hexavalent Chromium Plume remediation IM program incorporating recommendations from the IRT.

- a) There is no mention of the Independent Review Team (IRT) recommendations discussed in the SWEIS.
- b) The SWEIS indicates that LANL would continue to implement the Interim Measures (IM) and continue cleanup of legacy contamination areas. For the Chromium plume remediation area, LANL provided the following:
 - i. “The principal regulatory driver for legacy environmental cleanup at LANL is the 2016 Consent Order (as modified), while legacy waste management and disposition is conducted in accordance with DOE Orders and other federal requirements. This SWEIS considers legacy cleanup activities at LANL at a site-wide level.” (A.2.1.1, Page A-23, Volume 2)
 - ii. “As identified in Section A.1.4, EM-LA has prepared the *Chromium Interim Measures and Final Remedy Environmental Assessment* (Chromium Final Remedy EA) (DOE 2024) to evaluate alternatives for the final remedy for the hexavalent chromium plume in Mortandad Canyon.” (A3.2.2.1, Page A-90, Volume 2)
 - iii. The Chromium Final Remedy EA provides four options representing different remediation methods and technologies that are intended to provide maximum flexibility to adjust to potential or unanticipated events (DOE 2024). These options and methods/technologies can selectively be implemented to improve the effectiveness of remediation, the cost of remediation, or minimize potential effects resulting from the cleanup activities.” (A.4.4.2.2, Page 201, Volume 2).

3. BDDB Recommendation #3 - Resubmit to the OSE a complete water rights application for all groundwater diversions.

- a) Water rights are discussed briefly under Section 6.4.10 and Appendix N, Comment Category 5-I. No mention of an OSE application is made. The SWEIS states that the projected water consumption would be approximately 5,109 acre-feet which would remain below the water right of 5,541 acre feet. (Appendix N, Comment Category 5-I, Page N-30, Volume 2)

- i. *Note: Section 6.4.10 states that the projected water consumption for Los Alamos County is 5,138 acre-feet, or 7% below the water rights of 5,541 acre-feet while Appendix N references Section 6.4.10 but states that the projected water consumption for Los Alamos County is 5,109 acre-feet, or 8% below the water rights of 5,541 acre-feet.*
- 4. BDDB Recommendation #4 - Develop concrete proposals for additional and immediate characterization and remediation of the PFAS plume.**
- There is a discussion of PFAS contamination within the alluvial and intermediate aquifer in Pueblo Canyon where the SWEIS states that, "LANL will continue to monitor for PFAS at these locations" (A 4.4.2.2, Page A-206, Volume 2).
 - The SWEIS also states, "Given the understanding that PFAS health effects are rapidly evolving in tandem with increasing regulatory attention to PFAS, the Laboratory will continue to evaluate and consult with NMED on whether additional sampling for PFAS constituents is required." (A-4.4.2.2, Page A-196, Volume 2)
- 5. BDDB Recommendation #5 - Design protective measures that secure areas of surface and near surface legacy waste from post-fire mobilization and remobilization.**
- While legacy waste and environmental cleanup were discussed numerous times within the document, no discussion related specifically to remobilization of legacy waste was found in the documents. Wildland fire mitigations and forest health plan were described in A.2.2.4.13.5 and D.3.10.2, and Risk Reduction Treatments were included in in A.3.4.2.
 - Section 5.14.5.2 (page 5-137, Volume 1) evaluates potential estimated consequences of wildland fire events on facilities with radiological materials, including mentions of TRU waste containers.
 - Section A.4.4.1.5, (page A183) describes sediment monitoring, section A.4.4.1.3, (page 178) describes permitting and section A.4.4.1.4 ((page A-180) describes engineering controls to prevent or minimize sediment and contaminant migration to the Rio Grande.
- 6. BDDB Recommendation #6 - Actively pursue wildland fire risk reduction treatments.**
- Wildland fire reduction treatments were discussed in sections 3.4.2, page 3-37 and 5.6.4, page 5-50 (both in Volume 1) and as an option under the Expanded Operations Alternative in section A.3.4.2 (page A-131). The Wildland Fire Risk-Reduction Program is described in section 5.2.2.3, page 5-21 in Volume 1. Modifications to wildland fire risk-reduction treatments are mentioned in section 5.8.3.4, page 5-73, Volume 1. Wildland fire mitigations and forest health plan were described in section A.2.2.4.13.5 (page A-69) and D.3.10.2 (page D-90), and fire Risk Reduction Treatments are included in section A.3.4.2 (page A-131).
- 7. BDDB Recommendation #7 - Manage feral cattle more effectively.**
- Feral and invasive Cattle Management was discussed in section 5.6.4, pages 5-50 - 5-51 in Volume 1 and as an option under the Expanded Operations Alternative (A.3.4.2, Page A-133, Volume 2).
- 8. BDDB Recommendation #8 - Install the BDD-requested additional ENS gage in Los Alamos Canyon to adequately inform BDD operators if diversions need to be shut down.**
- No mention of the ENS system was found in the SWEIS

Further Actions for BDDB consideration:

- No action
- Prepare a follow up letter to the DOE/National Nuclear Security Administration (NNSA) expressing concern regarding the lack of detail of the SWEIS document, aggregation of

comments by subject matter, and lack of responses to individual public comments. There is no official comment period because the ROD has been finalized, so the comment letter would be to provide a record of BDDDB's position and is unlikely to be acted on by NNSA.

- Prepare a follow up letter to LANL discussing the BDDDB opinion that a 12-year life cycle of the SWEIS is too long and that the rapidly changing nature of the facility operations under the Expanded Operations Alternative warrants a shorter life cycle for SWEIS development.



Date: May 7, 2026

To: Buckman Direct Diversion Board

From: Nancy R. Long

Subject: Approval of Committee Members for the Appointment of Citizen Member and Alternate Citizen Member

Item and Issue:

Approval and appointment of committee members for the appointment of a citizen member and an alternate citizen member to the Buckman Direct Diversion Board ("Board").

Background and Summary:

The Joint Powers Agreement, as amended, establishing the Board, provides for the appointment of a citizen member and an alternate citizen member to the Board by a majority vote of the four other voting members of the Board. The term of the citizen member and alternate citizen member is two years, and the current terms of both members expire on May 7, 2026; however, the members continue in their positions until their successors have been appointed.

Past selection committees have included the Chair, the Vice-Chair, the Facilities Manager, and the Board attorney. It is recommended that the same positions serve on the current selection committee. The committee will then consist of: Chair Jamie Cassutt, Vice-Chair Justin Greene, Facilities Manager, Bradley Prada and Board attorney, Nancy Long.

Action Requested:

Approval of the committee members for the citizen member and alternate citizen member recommendations for the positions to the Board.

