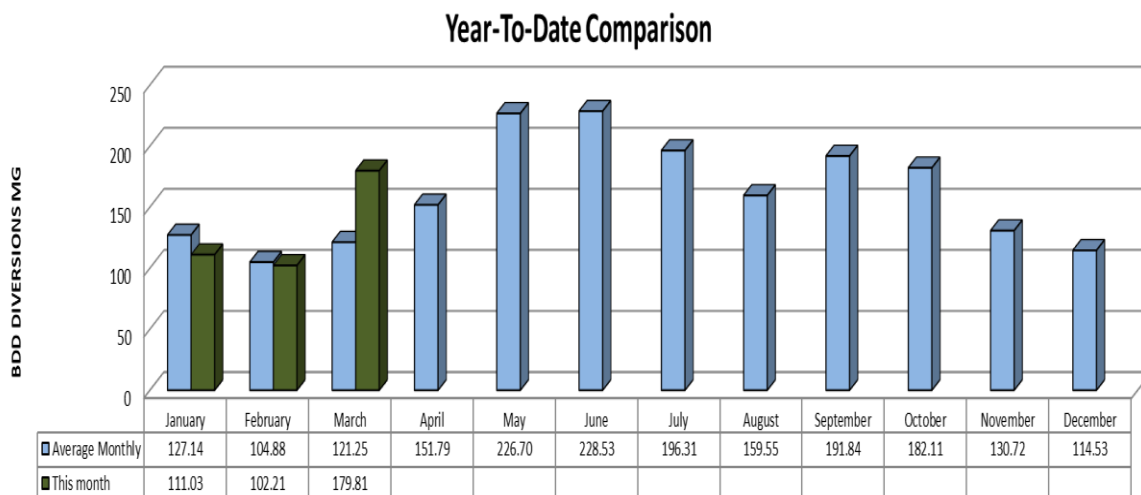


Date: April 3, 2025
To: Buckman Direct Diversion Board
From: Matthew Sandoval, BDD Operations Superintendent
Subject: Update on BDD Operations for the Month of March 2025

ITEM:

1. This memorandum is to update the Buckman Direct Diversion Board (BDDDB) on BDD operations during the month of March 2025. The BDD diversions and deliveries have averaged, in Million Gallons Per Day (MGD), as follows:
 - a. Raw water diversions: 5.99 MGD
 - b. Drinking water deliveries through Booster Station 4A/5A: 5.20 MGD
 - c. Raw water delivery to Las Campanas at BS2A: 0.59 MGD
2. The BDD provided approximately 70.5% of the water supply to the City and County for the month.
3. The BDD year-to-date diversions are depicted below:
- 4.

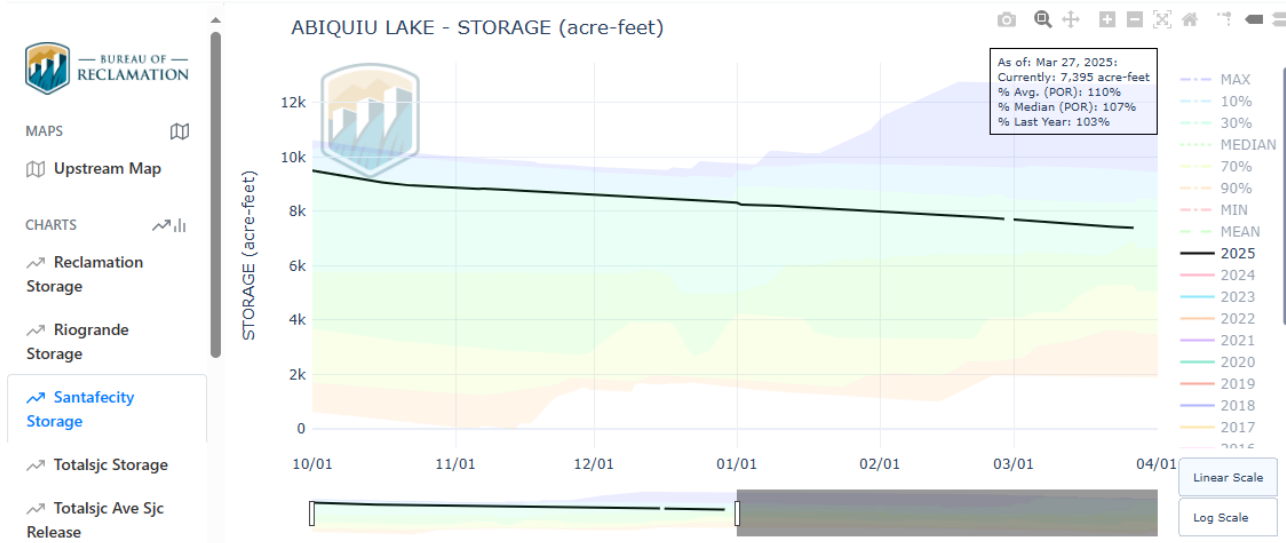


Regional Water Overview

Daily metered regional water demand for the month of March 2025 was approximately: 6.3 MGD

Rio Grande flows for March 2025 averaged approximately 620 CFS (cubic feet per second).

ity/County/Las Campanas Storage- as updated by partners. As of March 27, 2025 City of SF Abiquiu SJC storage is at about 7,395 AF.



As of January 1, 2025, the allocable volume in Heron Reservoir was zero acre-feet. There has been no significant inflow into Heron Reservoir for 2025.

Regional Water Supply

CRWTP reservoir storage: Nichols: 0% McClure: 39.10% Watershed Inflow: 1.76 MGD

- Santa Fe SNOTEL
 - Cumulative snow Water/Equiv. Inches 4.1
 - Cumulative Snow in Depth in Inches 12.0

Current Rio Grande Watershed Snowpack Storage Data:

The Current Upper Rio Grande Basin Index is 60% of the historic median value for Snow Water Equivalent (SWE) and 70% of the historic median value for precipitation meaning that snow storage in this basin is historically low. BDD will need to be strategic with how it diverts and stores water as flows in the Rio Grande are anticipated to be quite low.

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

Current El Niño Southern Oscillation (ENSO) Status Summary

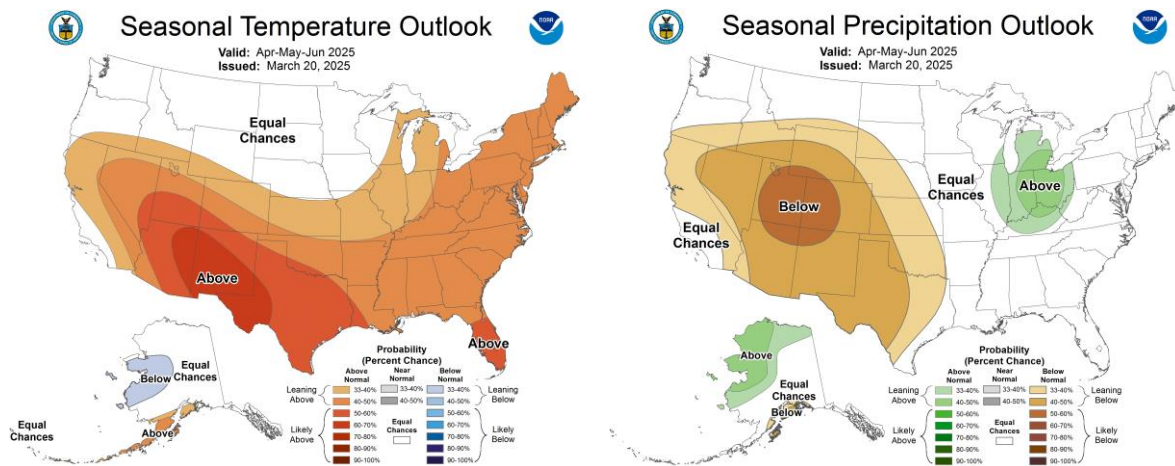
As of March 31, 2025, the current ENSO (El Niño-Southern Oscillation) status is transitioning from weak La Niña conditions to an ENSO-neutral state. Forecasts indicate a high probability (around 91%) of ENSO-neutral conditions persisting from March to May 2025, with expectations that this neutral state will continue through the Northern Hemisphere summer, with a 62% chance through June-August 2025. The equatorial Pacific is showing signs of this shift, supported by weakening subsurface temperature anomalies and atmospheric patterns aligning with neutral conditions.

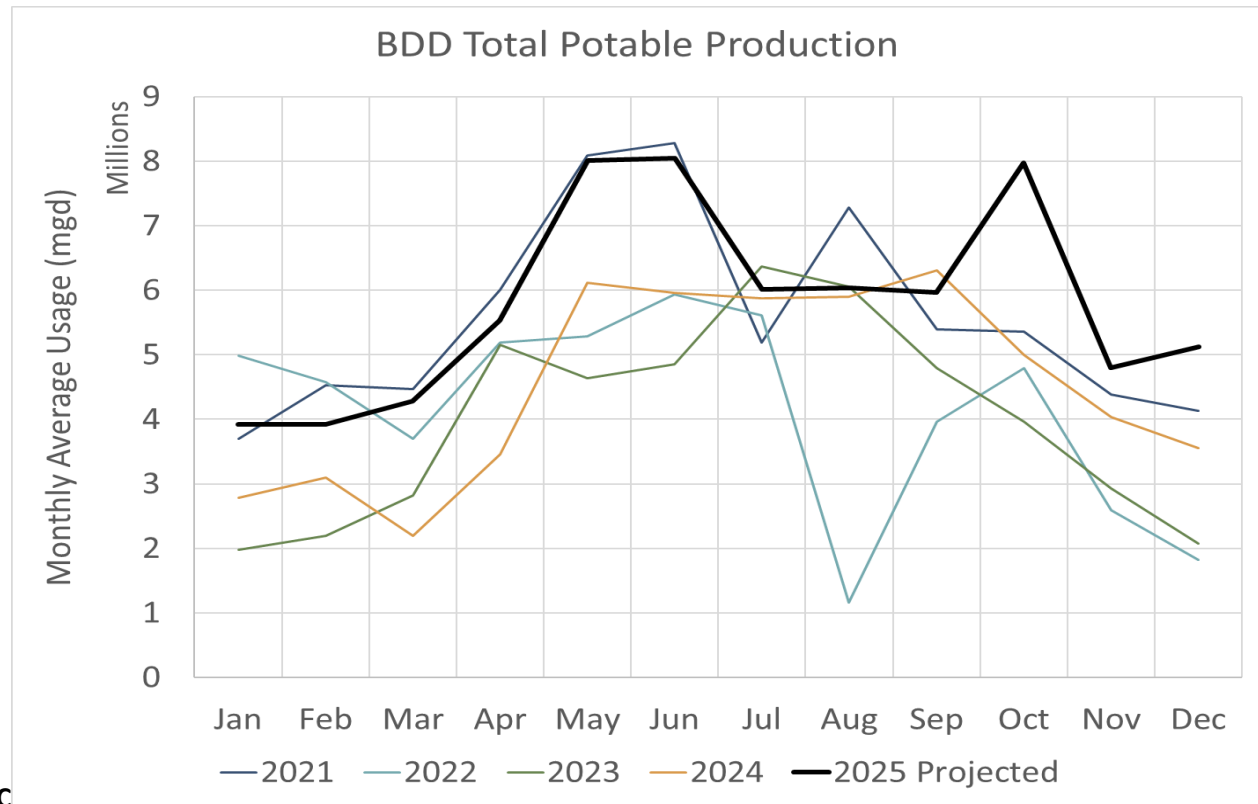
Source: cpc.ncep.noaa.gov

Seasonal Precipitation and Temperature Outlooks:

The current precipitation outlook is leaning below average for the region while the current temperature outlook is leaning above average for the region. Maps of this forecast are pictured below.

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





C

Million Gallons per Day (MGD)

	2021	2022	2023	2024	Grand Total	2025 Projected
Jan	3.70	4.98	1.98	2.78	13.45	3.92
Feb	4.53	4.57	2.20	3.10	14.40	3.92
Mar	4.47	3.70	2.82	2.20	13.19	4.28
Apr	6.01	5.19	5.16	3.46	19.82	5.53
May	8.09	5.28	4.63	6.12	24.12	8.01
Jun	8.28	5.94	4.85	5.96	25.03	8.05
Jul	5.19	5.61	6.37	5.87	23.03	6.01
Aug	7.28	1.16	6.06	5.90	20.40	6.04
Sep	5.39	3.96	4.80	6.31	20.46	5.97
Oct	5.36	4.79	3.97	5.00	19.11	7.98
Nov	4.38	2.59	2.93	4.03	13.94	4.79
Dec	4.13	1.83	2.07	3.56	11.58	5.13
Grand Total	66.80	49.62	47.82	54.29	218.54	



Buckman Direct Diversion

Buckman Direct Diversion Monthly SJC and Native Diversions

Mar-25

In Acre-Feet

Month	Total SJC + Native Rights	SP-4842 RG Native COUNTY	SD-04842-A RG Native VIA SFC LAS CAMPANAS	SJC Call Total	SP-2847-E SJC Call CITY	SP-2847-N-A SJC Call LAS CAMPANAS	SP-2847-E SJC Undiverted CITY	All Partners Conveyance Losses
JAN	328.672	113.650	0.000	215.022	215.022	0.000	0.000	2.007
FEB	316.752	29.051	0.000	287.700	287.700	0.000	0.000	2.777
MAR	555.356	326.161	0.000	229.195	229.195	0.000	0.000	2.159
APR	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MAY	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
JUN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
JUL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AUG	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SEP	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OCT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOV	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DEC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	1,200.780	468.863	0.000	731.918	731.918	0.000	0.000	6.943

In Million Gallons

Month	Native COUNTY	SFC Native Las Campanas	SJC TOTAL	SJC CITY	SJC Las Campanas	SJC Undiverted CITY	All Partners Diversions
JAN	37.020	0.000	69.287	69.287	0.000	0.000	106.307
FEB	9.463	0.000	92.677	92.677	0.000	0.000	102.140
MAR	106.241	0.000	73.848	73.848	0.000	0.000	180.089
APR	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MAY	0.000	0.000	0.000	0.000	0.000	0.000	0.000
JUN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
JUL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AUG	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SEP	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OCT	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOV	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DEC	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	152.724	0.000	235.812	235.812	0.000	0.000	388.536



Buckman Direct Diversion

Buckman Direct Diversion Monthly SJC and Native Diversions								
Dec-24		In Acre-Feet						
Month	Total SJC + Native Rights	SP-4842 RG Native COUNTY	SD-04842-A RG Native VIA SFC LAS CAMPANAS	SJC Call Total	SP-2847-E SJC Call CITY	SP-2847-N-A SJC Call LAS CAMPANAS	SP-2847-E SJC Undiverted CITY	All Partners Conveyance Losses
JAN	283.691	91.173	0.000	192.518	192.518	0.000	0.000	1.986
FEB	293.064	112.967	0.000	180.097	180.097	0.000	0.000	1.858
MAR	217.014	95.914	0.000	121.100	121.100	0.000	0.000	1.475
APR	396.998	255.245	67.230	74.523	74.523	0.000	0.000	1.004
MAY	750.899	395.038	123.438	232.423	232.423	0.000	0.000	1.347
JUN	642.136	371.118	7.114	263.905	263.905	0.000	0.000	1.743
JUL	652.169	320.362	74.513	257.295	257.295	0.000	0.000	1.166
AUG	647.277	0.000	0.000	659.885	659.885	0.000	12.608	3.210
SEP	666.797	0.000	0.000	776.587	776.587	0.000	109.791	3.604
OCT	612.559	0.000	0.000	631.170	631.170	0.000	18.612	5.811
NOV	385.574	154.074	0.000	231.501	231.501	0.000	0.000	1.755
DEC	353.083	214.183	0.000	138.900	138.900	0.000	0.000	1.053
TOTAL	5,901.261	2,010.073	272.294	3,759.904	3,759.904	0.000	141.010	26.014
In Million Gallons								
	Month	Native COUNTY	SFC Native Las Campanas	SJC TOTAL	SJC CITY	SJC Las Campanas	SJC Undiverted CITY	All Partners Diversions
	JAN	29.698	0.000	61.974	61.974	0.000	0.000	91.672
	FEB	36.797	0.000	57.976	57.976	0.000	0.000	94.773
	MAR	31.242	0.000	38.910	38.910	0.000	0.000	70.153
	APR	83.142	21.899	23.913	23.913	0.000	0.000	128.954
	MAY	128.677	40.208	74.921	74.921	0.000	0.000	243.805
	JUN	120.885	2.317	84.961	84.961	0.000	0.000	208.164
	JUL	104.352	24.271	82.879	82.879	0.000	0.000	211.503
	AUG	0.000	0.000	208.462	208.462	0.000	4.107	208.462
	SEP	0.000	0.000	214.522	214.522	0.000	35.762	214.522
	OCT	0.000	0.000	197.347	197.347	0.000	6.062	197.347
	NOV	50.187	0.000	74.729	74.729	0.000	0.000	124.916
	DEC	69.766	0.000	44.837	44.837	0.000	0.000	114.604
	TOTAL	654.747	88.695	1,165.432	1,165.432	0.000	45.932	1,908.874



Date: April 3, 2025
To: BDD Board
From: Bradley Prada, BDD Facilities Manager
Re: BDD Facilities Manager Monthly Update to the BDD Board

This report provides an update on key facility projects, procurement progress, and staffing updates for March & April 2025. Significant progress has been made on the Major Repair and Replacement (MR&R) projects and the Re-Build Project. Hiring efforts continue with several key positions being posted.

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

BDD in collaboration with City Procurement is currently processing Purchase Orders (POs) for the Membrane Rack Replacement and Granular Activated Carbon (GAC) Replacement projects. To optimize cost-effectiveness of these projects two Membrane Racks and three GAC vessels will be replaced concurrently this fiscal year. These projects received prior Board approval within the current fiscal year's budgetary process.

- **BDD Re-Build Project Progress.**

Phase II Design-Build procurement documents have been finalized and distributed to offerors. Responses, including technical solutions, schedules, and cost ranges, are due in early May.

BDD and City Procurement are leveraging the City's established on-call engineering contracts to streamline the process for securing our owner's representative. We are actively negotiating with candidates and expect to finalize the agreement in the coming months.

- **FY24 BDD Audit**

The audit has been completed and is scheduled for presentation to the Board next month.

- **Current Job Vacancy Updates**

BDD personnel are continuing to work diligently with City personnel to address and fill existing BDD vacancies

<u>Title</u>	<u>Status</u>
Equipment Repairman Intermediate	Filled, Started March 1st
Equipment Repair Ladder	Interviews completed, Processing selected candidates
Water Operator Advanced	Candidates selected, Processing selected candidates
Contracts Administrator	Closed, Pending Repost
Journeyman Electrician	Reposted, Closes 4/6/25
Accounting Supervisor	Closed, Pending Repost
Water Operator Ladder	Interviews completed, Processing selected candidates
Environmental Compliance Officer	Candidate selected, Processing the selected candidate
Automation & Security Admin.	Posted, Closes 4/4/25
Administrative Assistant	Posted, Closes 4/1/25





Date: March 31, 2025
To: Buckman Direct Diversion Board (BDDDB)
From: Jay Lazarus, Glorieta Geoscience, A Division of GZA GeoEnvironmental, Inc.
Subject: Comments on Draft Site-Wide Environmental Impact Statement for Continued Operation of Los Alamos National Laboratory
Attachments: Comment Letter from Board

The US Department of Energy, National Nuclear Security Administration (DOE/NNSA), and Los Alamos National Laboratory in January 2025 issued their Draft Site-Wide Environmental Impact Statement for Continued Operation of Los Alamos National Laboratory (SWEIS).

As part of the 2025 BDD Water Quality Work Plan, the Board authorized a review of the SWEIS with a goal of developing and submitting comments on the SWEIS that focus on BDD's concerns regarding the Hexavalent Chromium plume, PFAS contamination and water rights and groundwater discharge to the Rio Grande. Comments are due April 10, 2025.

The attached letter to DOE/NNSA presents the BDDDB's comments on topic-specific items that were discussed as part of the 2025 Work Plan.

Staff is requesting Board approval of these comments and Board member signatures.





341 Caja del Rio Santa Fe, NM 87506

March 6, 2025

Mr. Stephen Hoffman
LANL SWEIS Document Manager, DOE/NNSA
3747 W. Jemez Road
Los Alamos, New Mexico 87544

VIA USPS and EMAIL TO: LANLSWEIS@nnsa.doe.gov

**RE: LOS ALAMOS NATIONAL LABORATORY DRAFT SITE-WIDE
ENVIRONMENTAL IMPACT STATEMENT (SWEIS) FOR CONTINUED
OPERATION OF LOS ALAMOS NATIONAL LABORATORY**

COMMENTS FROM BUCKMAN DIRECT DIVERSION BOARD

Dear Mr. Hoffman:

Background

The Buckman Direct Diversion Board (the Board) is the governing body for the Buckman Direct Diversion (BDD), a single diversion point on the Rio Grande that the City of Santa Fe, Santa Fe County, and their limited partner, Las Campanas, share to divert their San Juan-Chama and native Rio Grande water rights. Diverted water is treated and introduced into the regional water system.

The BDD intake is on the Rio Grande approximately 3 miles downstream of Otowi Bridge. The BDD is in a unique position by deriving drinking water from the Rio Grande downstream of the Los Alamos National Laboratory ("LANL") and delivering it safely and effectively to its regional customers, many of which are LANL employees and contractors. Waters from the Pajarito Plateau that flow to Los Alamos Canyon and its tributaries enter the Rio Grande at their confluence approximately three miles upstream of the BDD intake structure and are of particular concern to the Board. The Board is therefore understandably concerned about water quality and quantity in the Rio Grande and water quality in Los Alamos Canyon and its tributaries.

The SWEIS broadly addresses the hexavalent chromium plume, PFAS contamination and water rights. The Board considers the hexavalent chromium plume, PFAS, and all activities associated with these contaminants, to be of significant environmental impact and concern. LANL needs to more aggressively pursue remediation of these contaminants and other contaminants in ground water, surface water, and soil. The Board provides the following specific comments.

Comments

The draft Site-Wide Environmental Impact Statement for Continued Operation of Los Alamos National Laboratory (SWEIS) addresses three (3) alternatives: 1) No Action Alternative, 2) Modernized Operations Alternative; and 3) Expanded Operations Alternative. The Board's primary concerns are contaminants originating from Los Alamos and Pueblo Canyons and their tributaries and groundwater discharge to the Rio Grande upstream of the BDD intake. The SWEIS, however, does not specifically address Los Alamos and Pueblo Canyons but presents a

wide range of issues that LANL is proposing to address. The Board's comments on the Draft SWEIS apply to all three alternatives and are presented topically below. The Board's comments are primarily focused on the Hexavalent Chromium plume (water quality and water rights), PFAS contamination, groundwater discharge to the Rio Grande, and fire suppression.

HEXAVALENT CHROMIUM PLUME

The U.S. Department of Energy (DOE) Office of Environmental Management Los Alamos Field Office (DOE-EM-LA) is responsible for oversight of the prime contractors implementing the investigation and cleanup of the Chromium Plume, including interim measures (IM) that were taken to mitigate plume migration until a final remedy is implemented. In March 2023 during IM operations, increases in chromium concentrations in two monitoring wells, as well as the discovery of contamination deeper than planned (but not unexpected given well construction deficiencies) resulted in NMED issuing an order to stop injection until DOE-EM-LA could ensure that chromium was not migrating beyond hydraulic control at concentrations above the 50 ppb standard. The BDD considers the Chromium Plume to be a significant negative environmental impact to ground water resources and potentially, surface water quality and must be remediated.

To address the deficiencies in the IM plan, and to come up with realistic remediation techniques, NMED and DOE-EM-LA agreed to form an Independent Review Team (IRT) to review data, perform analyses and make recommendations for future plume control, containment and remediation (REFERENCE). The IRT report was published in December 2024 and recommends *the single most important recommendation of the IRT is to restart the IM*—using a portion of the original system—while other studies and field investigations move forward. BDD agrees that the plume needs to be controlled as soon as possible, and the SWEIS' Proposed Action would increase groundwater extraction and injection rates from 150,000,000 gallons per year (gpy; 460 acre-ft/yr) to a maximum rate of 550,000,000 gpy (1687 acre-ft/year).

Remediation of the Hexavalent Chromium Plume is inextricably intertwined with water rights owned by Los Alamos County and the US Department of Energy (DOE). The DRAFT Environmental Assessment (EA) propose pumping 679 acre-ft/year. For Options 1 and 2, however, LANL proposes to divert 550,000,000 gallons per year (1688 ac-ft/yr). This volume significantly exceeds the New Mexico Office of the State Engineer (OSE) pending and protested emergency application for a diversion of 679 ac-ft/yr. Both Options 1 and 2 require a new application to the OSE that must be publicly noticed for a diversion of 1688 ac-ft/yr and any Rio Grande surface water depletions resulting from the Chromium Plume remediation must be offset with wastewater treatment plant return flows, DOE surface water rights or releases of Los Alamos County's San Juan Chama contract water.

The Board encourages LANL to restart the IM program incorporating recommendations from the IRT. The remediation process should concurrently pump and treat contaminated ground water and drill additional monitoring/plume characterization wells to assess the currently undefined horizontal and vertical extent of the Chromium plume.

PFAS CONTAMINATION

LANL monitors ground water, surface water and springs for per- and polyfluoroalkyl substances (PFAS) related compounds. Figure 1 below ([Search Data - Intellus New Mexico Environmental Data](#)) shows detectable PFAS in 30 ground water and surface water/spring monitoring locations. Alluvial Well PAO-5N and intermediate wells POI-4 and R-3i in Pueblo Canyon have results above the NMED tap water screening level of 70 nanograms per liter for (PFAS). In 2021, results were 107.61, 89.7, and 75.8 nanograms per liter, respectively. In 2020, concentrations were slightly higher, at 179.4, 107.6, and 84.7 nanograms per liter, respectively. Alluvial Well LAUZ-1 in Los Alamos Canyon showed a result of 520 nanograms per liter in 2021. LAUZ-1 was not sampled in 2020. In 2022, alluvial wells PAO-5n and LAUZ-1 and intermediate wells POI-4 and R-3i in Pueblo Canyon showed results above the NMED tap water screening level of 70 nanograms per liter for PFAS; the results were 195.9, 339.6, 136.7, and 86.4 nanograms per liter, respectively. As a new emerging contaminant, this was the third sampling event for PFAS. LANL proposes to continue to monitor for PFAS at these locations (LANL 2024b). These monitoring points are upstream/upgradient from the BDD intake structure on the Rio Grande.

Alluvial monitoring wells with detectable PFAS concentrations are in direct hydrologic connection to Rio Grande surface flows. Proposed continued monitoring without plume control does not adequately address the potential environmental impacts of PFAS on BDD source-water quality and Rio Grande flows. The SWEIS should include concrete proposals for additional immediate characterization and remediation of the PFAS plume.

WILDFIRE

The BDD intake on the Rio Grande is especially vulnerable to the effects of post-fire floods and debris flows that will cause BDD to cease diversions from the Rio Grande during these catastrophic events. The Board encourages LANL to aggressively plan and implement programs to reduce fire risk and have emergency contingency plans to control catastrophic flooding and debris flows similar to the catastrophic flooding and debris flows Las Vegas, New Mexico is currently experiencing in the aftermath of the Hermit's Peak/Calf Canyon fire. The Board supports the Expanded Operations Alternative which includes changes in operations, revised wildland fire risk reduction treatments and management of feral cattle.

We appreciate the opportunity to provide these comments and look forward to your response.

Commissioner Justin Greene
Santa Fe County Commission District 1
BDD Board Chairperson

Councilor Carol Romero-Wirth
Santa Fe City Council District 2
BDD Board Vice Chairperson

Commissioner Hank Hughes
Santa Fe County Commission District 5
BDD Board Member

Councilor Jamie Cassutt
City of Santa Fe Council District 4
BDD Board Member

Rolf Schmidt-Peterson
Citizen Member
BDD Board Member



City of Santa Fe Water

801 W. San Mateo, Santa Fe, N.M. 87505

www.santafenm.gov/water

Jesse Roach PE PhD, Director

Bradley Prada, BDD Facility Manager

John Del Mar PE, Engineering Manager

Jonathan Montoya, Source of Supply Manager

Mike Moya, Transmission and Distribution Manager

Bill Schneider PG, Water Resources and Conservation Manager

MEMO

Date: March 31, 2025

To: BDD Board

From: Jesse Roach, Interim Public Utilities Department Director

ITEM

Request approval of a Policy for Tapping BDD Transmission Lines

BACKGROUND

The Buckman Direct Diversion Project (BDD) includes two transmission lines known as 4A and 5A which deliver finished water to the City and County potable water distribution systems. There is no formal policy in place for considering and approving new connections to these lines. The policy proposed here requires BDDB approval of new connections to these lines, specifies that those connections can only occur at locations where tees and valves were installed during transmission line construction, and lays out required specifications for said connections.

REQUEST

Approval of BDDB Policy for Tapping BDD Transmission Lines



Buckman Direct Diversion

FISCAL YEAR 2026

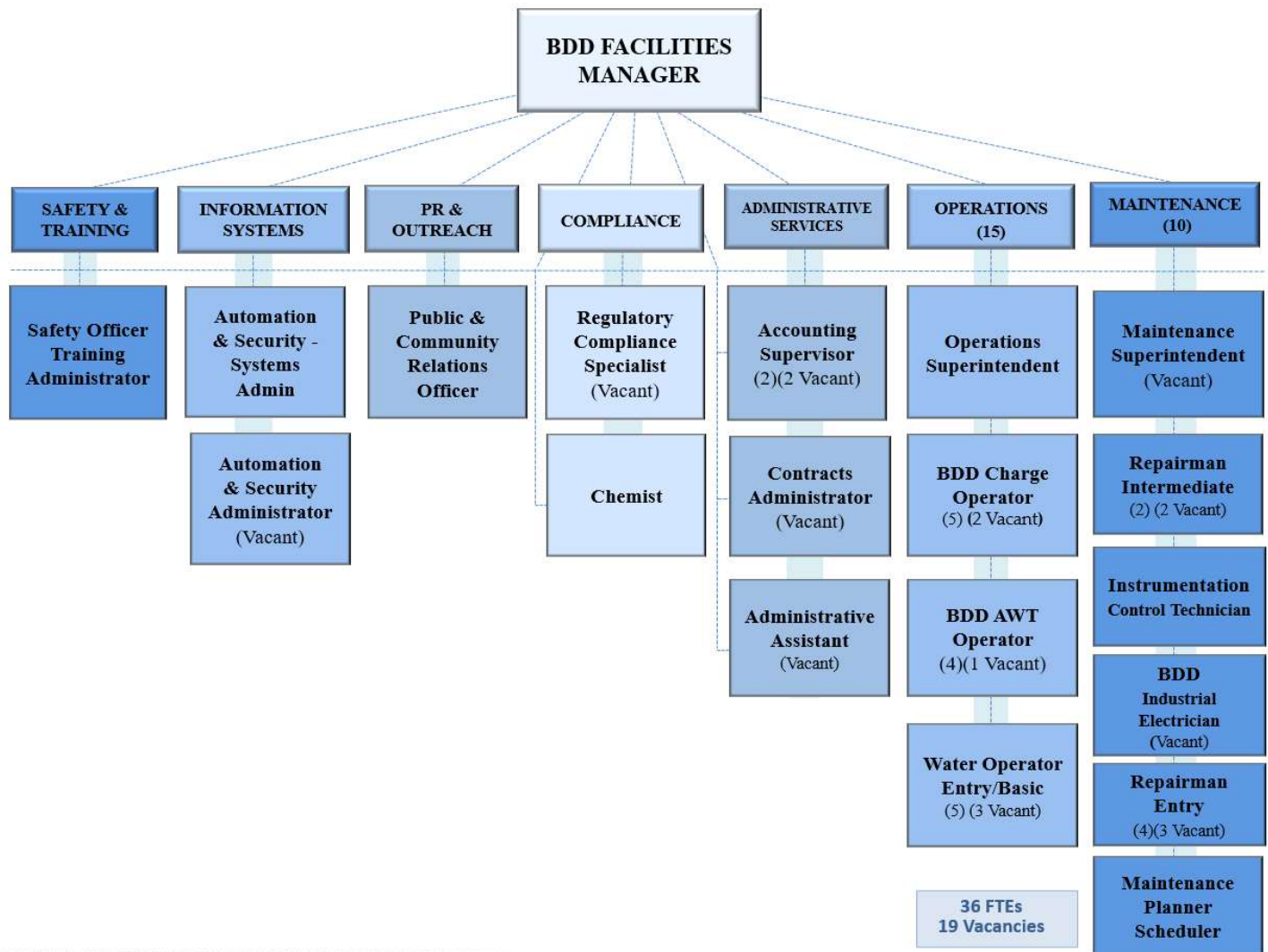
Proposed Annual Operating
Budget & Partner Contributions



Prepared by:
Brad Prada, BDD Facilities Manager



BUCKMAN DIRECT DIVERSION REGIONAL WATER PLANT ORGANIZATIONAL CHART





Buckman Direct Diversion (BDD) Proposed Annual Operating Budget for FY26

Budget Message

The *Project Management and Fiscal Services Agreement* (PMFSA) requires the Project Manager to submit an Annual Operating Budget. With this submittal, the Project Manager requests the Buckman Direct Diversion Board (BDDDB) approve and recommend the Fiscal Year 2026 Operating Budget of \$8,786,157.

Budget Revenue/Reimbursement Summary

TOTAL PROPOSED FISCAL YEAR 2026 OPERATING BUDGET

TABLE A

	<u>Fixed</u>	<u>Variable</u>	<u>Total</u>	<u>%</u>
Revenues/Reimbursements by Source:				
Federal Funds	\$ 96,000	\$ -	\$ 96,000	1%
PNM Solar Rebates	-	120,000	120,000	1%
City of Santa Fe	4,638,649	1,490,831	6,129,480	70%
Santa Fe County	1,639,222	470,323	2,109,545	24%
Las Campanas (Club)	211,002	50,369	261,371	3%
Las Campanas (Coop)	69,762	-	69,762	1%
Total Revenues by Source	\$ 6,654,634	\$ 2,131,523	\$ 8,786,157	100%
% of overall budget	76%	24%	100%	

This budget request consists of fixed and variable costs and includes revenue/reimbursements from several sources. The principle operating revenue of BDD's operating budget is reimbursements from the partners for the cost of operations.

BDD was granted federal funds from the Department of Energy for the BDD Storm Water Sampling Program. This funding will be used for the collection of samples from the Rio Grande at the BDD in order to make determinations on the water quality of the river during LANL events.

The monthly PNM solar rebates received for the water treatment plant solar array are also accounted for as a source of revenue. The resulting reimbursement requests for American Capital Energy (primary owner of this solar array) to the City of Santa Fe and Santa Fe County will be reduced by the revenue received.

The partner reimbursement revenue is estimated based on projected expenditure types and allocated based on the cost sharing allocations established in the governing documents. Partners are billed in accordance with the BDD Working Capital and Billing Policy.



Budget Expenditure Summary

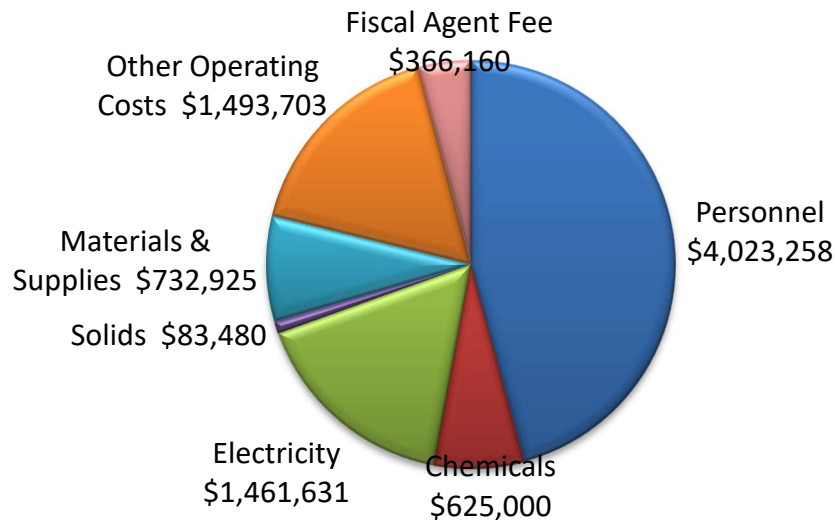
The Buckman Direct Diversion budget consists of seven major categories as presented below. These categories are used to track expenditures for reporting and monitoring our available budget balance. In accordance with our BDD Working Capital and Billing policy, any budget adjustment requests between major categories require board approval. Expenditures are generally recorded when a liability is incurred and are reported in BDD's main enterprise fund.

PARTNER SHARE OF TOTAL PROPOSED FISCAL YEAR 2026 OPERATING BUDGET

TABLE B

Expenditure by Category:	<u>City of Santa Fe</u>	<u>Santa Fe County</u>	<u>Las Campanas (Club)</u>	<u>Las Campanas (Coop)</u>	<u>Federal Funds</u>	<u>Total</u>
Personnel	\$ 2,848,384	\$ 1,005,373	\$ 116,022	\$ 53,479	\$ -	\$ 4,023,258
Electricity	1,070,704	332,317	53,967	4,643	-	1,461,631
Chemicals	483,875	141,125	-	-	-	625,000
Solids	64,557	18,923	-	-	-	83,480
Materials & Supplies	511,571	186,606	25,080	9,667	-	732,925
Other Operating Costs	984,820	360,757	50,154	1,972	96,000	1,493,703
Fiscal Agent Fee	258,472	91,540	16,148	-	-	366,160
Total	6,222,384	2,136,641	\$ 261,371	\$ 69,762	\$96,000	\$ 8,786,157
PNM Solar Rebates	(92,904)	(27,096)				
Total	\$ 6,129,480	\$ 2,109,545				

CHART 1





Budget Summary & Highlights

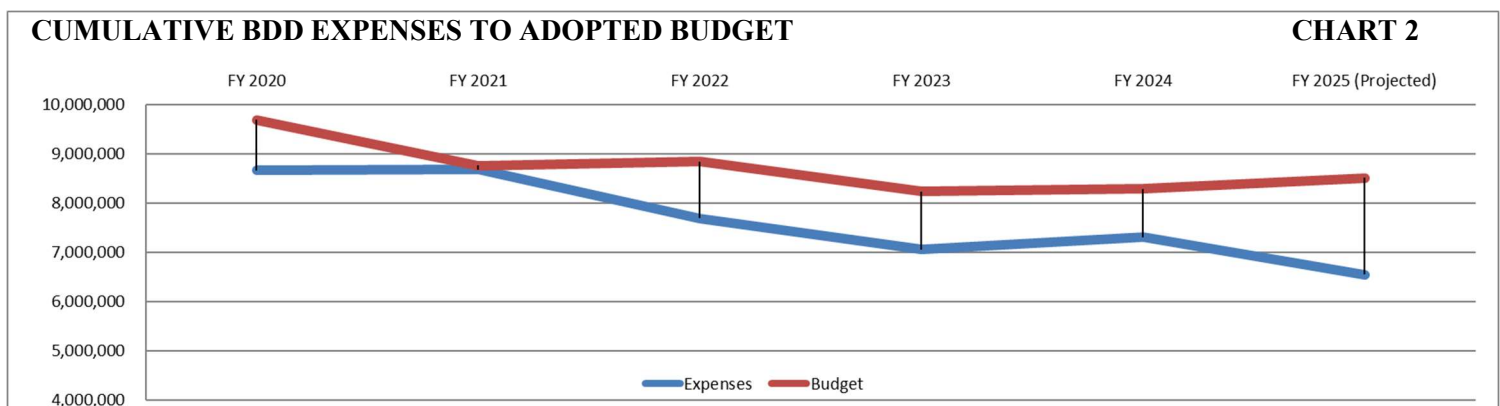
In Fiscal Year 2026, the BDD will be in its fifteenth year of operations. The BDD also uses yearly volumetric flow predictions provided by each partner for our variable and project wide allocation of expenditures.

The BDD has collaborated with its partners on the development of this budget and with their support; we present the Fiscal Year 2026 budget request with the following changes:

- The proposed annual operating budget for fiscal year 2026 is \$8,786,157, which represents a 3% increase from the adopted FY2025 operating budget.

Closing the gap between actual expenditures and budget was considered in the development of the annual operating budget request. This will continue to be a factor, to ensure funds are properly expended for the purposes as requested.

- Fiscal Year 2020 Actual Expenditures \$8,665,134 (with 6 vacant positions) which was \$1,031,275 lower than the adopted budget.
- Fiscal Year 2021 Actual Expenditures \$8,686,832 (with 6 vacant positions offset by higher than budget electricity costs) which was \$76,883 lower than the adopted budget.
- Fiscal Year 2022 Actual Expenditures \$7,695,417 (with 7 vacant positions) which was \$1,147,292 lower than the adopted budget.
- Fiscal Year 2023 Actual Expenditures \$7,063,226 (with 9 vacant positions) which was \$1,172,554 lower than the adopted budget.
- Fiscal Year 2024 Actual Expenditures \$7,311,456 (with 10 vacant positions) which was \$979,097 lower than the adopted budget.
- Fiscal Year 2025 PROJECTED Expenditures \$7,311,456 (with 19 vacant positions) which would be \$1,962,224 lower than the adopted budget.





Budget Comparisons

Table C presents actual expenses by major category for the fiscal year ended June 30, 2024. The change in the fiscal year 2026 operating budget request in comparison to the current 2025 adopted budget. There was an overall increase in the budget estimate of \$273,810 which is an increase of 3% from the adopted budget. This increase is due to projected chemical inventory cost increases over the last operating years. We are also projecting an increase in materials and supplies and other operating costs. The new debt solar payment and credits have been accounted for in the electricity line, which represent a small decrease. We are also recommending an increase to the Major Repair and Replacement Fund based on the Major Repair and Replacement Annual Plan for FY2026 (Table K).

The BDD staff will continue to work with its partners in determining the costs and funding needed to ensure BDD properly operates and maintains the facilities to meet the demands of its partners.

BUCKMAN DIRECT DIVERSION OPERATING BUDGET

TABLE C

	FY 2024 Adopted Budget	FY 2024 Unaudited Actual 6/30/24	FY 2024 Variance \$ (Under) / Over Budget	%	FY 2025 Adopted Budget	FY 2026 Proposed Budget	\$ Change FY 2025 vs FY 2026	%
Revenues/Reimbursements by Fund:								
Partner Reimbursements	\$ 8,074,553	\$ 7,090,108	(984,445)	88%	\$ 8,296,347	\$ 8,570,157	\$ 273,810	3%
PNM Solar Rebates	120,000	119,698	(302)	100%	120,000	120,000	-	0%
Federal Funds	96,000	101,650.00	5,650	106%	96,000	96,000	-	0%
Total	\$ 8,290,553	\$ 7,311,456	\$ (979,097)	88%	\$ 8,512,347	\$ 8,786,157	\$ 273,810	3%
Expenditures by Category:								
Salaries	\$ 2,503,551	\$ 2,086,850	\$ 416,701	83%	\$ 2,594,916	\$ 2,570,448	\$ (24,468)	-1%
Overtime	230,000	258,424	(28,424)	112%	230,000	230,000	-	0%
Benefits	1,211,331	1,068,489	142,842	88%	1,254,511	1,222,810	(31,701)	-3%
Electricity	1,550,000	1,238,327	311,673	80%	1,461,631	1,461,631	-	0%
Chemicals	423,500	622,848	(199,348)	147%	423,500	625,000	201,500	48%
Solids	83,219	131,286	(48,067)	158%	83,219	83,480	261	0%
Materials & Supplies*	617,661	384,873	232,788	62%	720,925	732,925	12,000	2%
Other Operating Costs*	1,325,516	1,174,584	150,932	89%	1,396,457	1,493,703	97,246	7%
Total	7,944,778	6,965,681	979,097	88%	8,165,159	8,419,997	254,838	3%
Fiscal Agent Fee	345,775	345,775	-	100%	347,188	366,160	18,972	5%
Total	\$ 8,290,553	\$ 7,311,456	\$ 979,097	88%	\$ 8,512,347	\$ 8,786,157	\$ 273,810	3%



Budget Fixed & Variable Costs Analysis

The BDD's annual operating budget consists of fixed, variable and project-wide costs. These costs are allocated by percentages contained in the Facility Operations and Procedures Agreement (FOPA). This budget request was prepared with the following cost sharing principles.

Cost Sharing

TABLE D

<u>Fixed</u>	<u>City of Santa Fe</u>	<u>Santa Fe County</u>	<u>Las Campanas (Club)</u>	<u>Las Campanas (Coop)</u>	<u>Total</u>
Shared Facilities (CCL)	62.09%	25.61%	5.37%	6.93%	100.00%
Separate Facilities (CC)	75.33%	24.67%	-	-	100.00%
<u>Project Wide</u>					
Projected Volumetric Flow (PW)	70.59%	25.00%	4.41%	-	100.00%
<u>Variable</u>					
Projected Volumetric Flow (CCL)	70.59%	25.00%	4.41%	-	100.00%
Projected Volumetric Flow (CC)	77.42%	22.58%	-	-	100.00%

Annual volumetric flow predictions provided by the partners are also used as the basis for project wide costs and variable costs that are primarily related to chemicals, electricity, and solids management.

Volumetric Flow History and FY 2026 Predictions

TABLE E

<u>Volumetric Flow (acft)</u>	<u>City of Santa Fe</u>	<u>Santa Fe County</u>	<u>LC (Raw Water) via County</u>	<u>Las Campanas (Raw Water)</u>	<u>Total Diverted</u>
FY 2020	3,435.42	1,314.08	156.08	493.44	5,399.02
FY 2021	5,141.85	1,398.75	334.23	159.73	7,034.56
FY 2022	4,465.50	1,270.61	321.83	-	6,057.94
FY 2023	3,007.65	981.17	326.99	73.37	4,389.18
FY 2024	3,577.01	1,136.61	257.02	357.90	5,328.54
FY 2025	3,878.20	1,364.52	296.00	268.38	5,807.10
FY 2026	4,800.00	1,400.00	300.00	300.00	6,800.00
<i>FY 2026 %</i>	70.59%	20.59%	4.41%	4.41%	100%

% Percentage is used in calculation of partner share (CCL) of variable costs & project wide



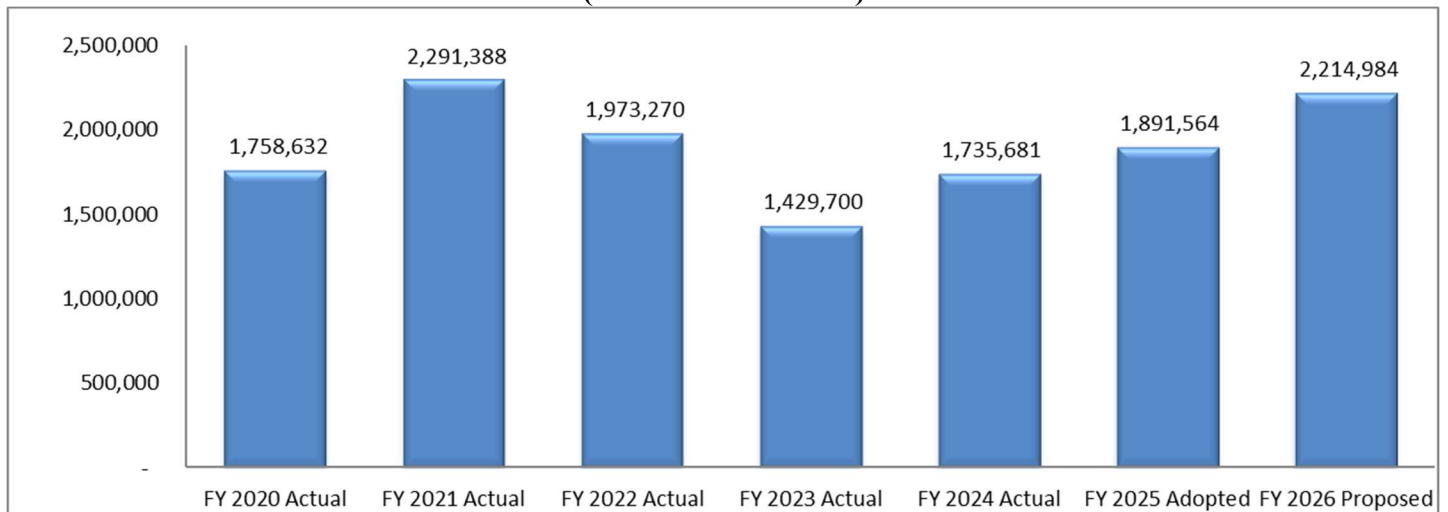
Volumetric Flow History

BDD has completed a budget analysis for fiscal year 2026, which includes volumetric predictions of 2,214,984 gallons. This is an estimated 17.1% increase in water delivery thru BDD over fiscal year 2025 predicted water call. The BDD will continue to work with the partners to adaptively manage BDD water deliveries to meet changes in partner demands.

Total gallons delivered in 1,000's

(Includes raw water)

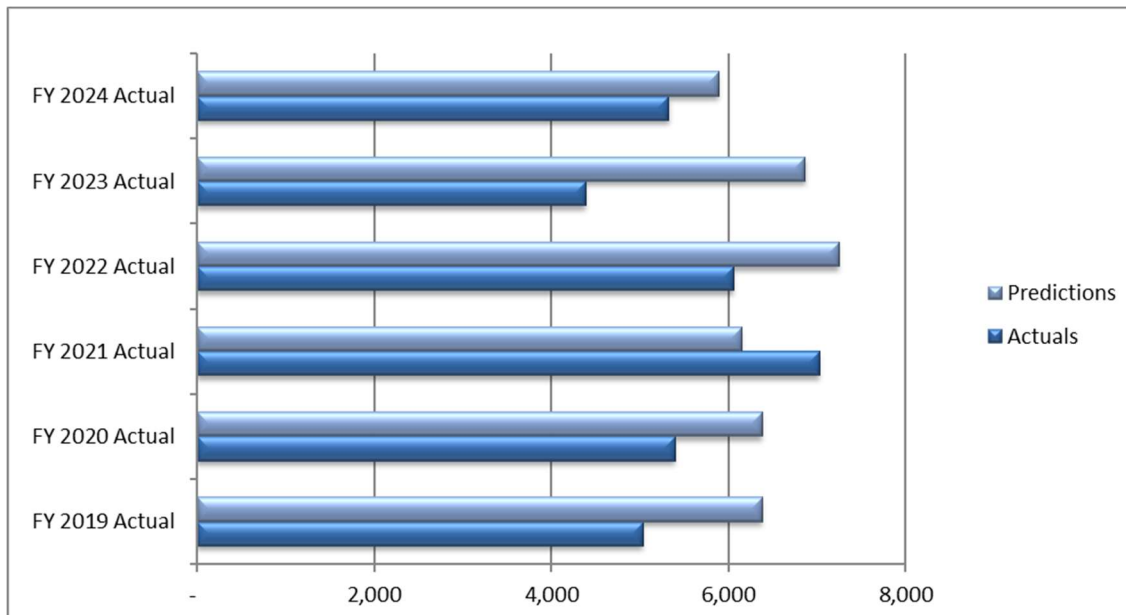
CHART 3



Total gallons delivered vs. volumetric predictions

(Includes raw water)

CHART 4





Programs

The BDD is divided into seven (7) key programs with explicit business functions. Each Program was developed to support specific goals and objectives. These business activities encompass all functions necessary to operate the water treatment plant, maintain full regulatory compliance, execute Fiscal Agent responsibilities, and optimize infrastructure investments through comprehensive asset management.

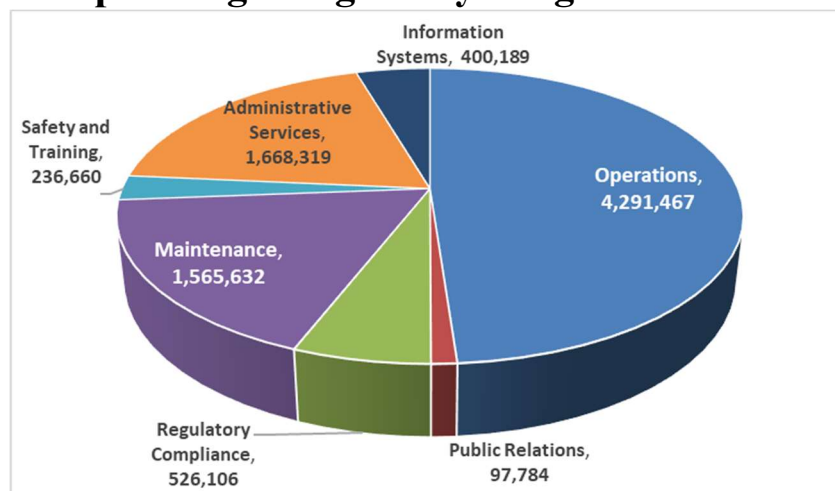
The expenditure budgets for these seven key programs are presented below. Total program funding includes all employee wages and benefits for full time equivalent employees and associated overhead expenses. These key programs incorporate all business expenses necessary to execute core business functions and allow the reader to understand how limited resources are allocated within the budget.

Strategic Goals – Supported by program resources

- Operations** – To ensure the highest standard of water quality, using the most efficient and up to date water production methods.
- Regulatory** – To maintain and improve LANL/DOE monitoring program.
- Maintenance** – To equip the staff with the tools and equipment to efficiently and effectively maintain and repair the assets of the BDD.
- Safety & Training** – To promote and assure workplace safety and health in preventing workplace injuries.
- Administrative Services** – To operate and maintain the BDD within budget and in accordance with the governing documents.
- Information Systems** – To maintain and support all automation and security systems.
- Public Relations** – To coordinate, create and support key events for the BDD outreach program.

BDD Operating Budget – by Program

TABLE F





Emergency Reserve Fund (ERF)

The Project Management and Fiscal Services Agreement, Article 3. (E.) requires the BDD Board create an Emergency Reserve Fund, and establish procedures for its management. The Emergency Reserve Fund provides immediate reserves for unforeseen or catastrophic infrastructure failures that render facilities unable to deliver water at the needed capacity. The Project Manager, in consultation with the partners, must submit to the BDD Board an analysis of the funds required for an emergency reserve and suggest procedures for creation of and management of the Emergency Reserve Fund.

The BDD Board approved the Emergency Reserve Fund policy and funding contributions as part of the Fiscal Year 2012 budget request. This policy established target balances, replenishment requirements and funding allocations.

Emergency Reserve Fund Balance

TABLE G

Emergency Fund	City of Santa Fe	Santa Fe County	Las Campanas Club	Las Campanas Coop	Balance
Fund Balance at June 30, 2024	1,416,193	505,304	137,393	109,029	2,167,919

As of June 30, 2024 the Emergency Reserve Fund remained fully funded to its targeted balance of \$2,000,000. As per the BDD Working Capital and Billing Policy, these funds are interest bearing and are allocated to the partners based on the percentage of cash held in their respective accounts at the end of each fiscal year.



Major Repair and Replacement Fund (RRF)

The BDD Board also approved the Major Repair and Replacement Fund as part of the Fiscal Year 2012 Budget. Per the Major Repair and Replacement Fund policy these funds are to receive yearly contributions held in reserve to support major repair and replacement costs of facility equipment and systems.

The BDD Board has authorized expenditures of \$2,504,433 for repair and replacement of system equipment in accordance with the policy, Table J. These authorizations, upon expenditure will reduce the available balance in this fund. The Major Repair and Replacement fund will continue to receive annual contributions in accordance with the approved plan. The BDD is requesting contributions of \$1,786,519, based on the expenditure plan listed on the next page, Table K.

Major Repair and Replacement Fund Balance

TABLE H

Major Repair & Replacement	City of Santa Fe	Santa Fe County	Las Campanas Club	Las Campanas Coop	Balance
Balance as of June 30, 2024	2,452,286	856,821	62,611	71,765	3,443,484
2025 Contributions per approved plan	1,375,667	483,190	33,251	42,911	1,935,019
2025 Funds authorized for expenditure	(1,780,482)	(625,377)	(43,036)	(55,538)	(2,504,433)
Projected Fund Balance	2,047,471	714,633	52,827	59,138	2,874,069

Major Repair and Replacement Fund Fiscal Year 2026 Contributions

TABLE I

	City of Santa Fe	Santa Fe County	Las Campanas Club	Las Campanas Coop	Balance
2026 Proposed Contributions	1,270,094	446,108	30,700	39,618	1,786,519

With the approval of this contribution and no additional authorizations, the fund balance will be \$4,660,588 for fiscal year 2026.



Major Repair and Replacement Fund Plan

TABLE J

FY25 Funds Authorized				
<u>15 Month MR&R Plan</u>	<u>Projected Cost</u>	<u>FY25 Expected Cost</u>	<u>Justification</u>	<u>Status</u>
1A & 2A Pump and Motor Project	499,625.00	87,101	Replacing failed pump	Completed in FY2025 - Pumptech
Replace Media in GAC Contactor	290,000.00	290,000	Media is exhausted	Encumbered -Calgon Carbon Corp
Replacement of VFD Centrifuges	173,000.00	172,416	Failed, parts discontinued	Encumbered - Andritz Separation
Annual Camera Replacement (10 units)	20,000.00	19,897	Failed units need replacing	Completed in FY2025 - APIC
		569,414	FY2024 and prior Appropriations	
BS1A Valve Project	45,000.00	45,000	Failed valves - replacement	Project Pending
BS1A Ball Valve Rebuild	6,000.00	6,000	Failed valves - replacement	Project Pending
BS1A Isolation Valves	80,000.00	80,000	Failed valves - replacement	Project Pending
Membrane Module Replacement	494,519.00	494,519	End of expected life span	Project Pending - Aria Filtra
GAC Replacement	140,500.00	140,500	Media is exhausted	Encumbered -Calgon Carbon Corp
Camera Upgrade	260,000.00	260,000	Required update	Project Pending
Building UPS' Replacement	36,000.00	36,000	Required update	Project Pending
PLC Replacement	750,000.00	750,000	Current model obsolete	Project Pending
Surge Tank Bladder Replacement	60,000.00	60,000	Failed need replacement	Project Pending
Building UPS' replacement	63,000.00	63,000	Required update	Project Pending
		2,504,433		

TABLE K

FY26 Requested Contribution				
<u>15 Month MR&R Plan</u>	<u>Cost</u>	<u>Quantity</u>	<u>Total Cost</u>	<u>Justification</u>
1 Membrane Module Replacement	4,755.00	208	989,519.00	End of expected life span
2 VFD Replacement @ 2A	235,000.00	1	235,000.00	Failed need replacement
3 1A Pump/Motor	100,000.00	1	100,000.00	Cyclical Rebuild or Replace
4 2A Pump?Motor	100,000.00	1	100,000.00	Cyclical Rebuild or Replace
5 Centrifuge Repair	100,000.00	1	100,000.00	Failed need rebuild
6 Building UPS' Replacement	9,000.00	4	36,000.00	Required update
7 Ozone Monitors	10,833.00	6	65,000.00	Failed needing replacement
8 WTP Epoxy Flooring	32,000.00	3	96,000.00	Failed needing replacement
9 Vehicle Replacement	65,000.00	1	65,000.00	Cyclical replacement
			\$1,786,519	FY26 Requested Contribution



Budget Summary

With this submittal, the Project Manager requests the Buckman Direct Diversion Board approve and recommend the funding for our Fiscal Year 2026 Operating Budget of \$8,786,157 with the annual contribution of \$1,786,519 for the Major Repair and Replacement Fund, for a total request of \$10,572,676. We appreciate the input and support from our partners and our Buckman Direct Diversion Board Members.

Fiscal Year 2026 Funding Allocation

TABLE L

Funds	City of Santa Fe	Santa Fe County	Las Campanas (Club)	Las Campanas (Coop)	Total
Operating Fund	\$ 6,129,480	\$ 2,096,045	\$ 261,371	\$ 69,762	\$ 8,556,657
			PNM Solar Rebate Revenue		120,000
			Federal Funds		96,000
			County Conservation Fee		13,500
					\$ 8,786,157
Major Repair & Replacement Fund	1,270,094	446,108	30,700	39,618	1,786,519
Total Fiscal Year 2026 Request	\$ 7,399,574	\$ 2,542,153	\$ 292,070	\$ 109,380	\$ 10,572,676