



*Service, Quality, Community*

**BOARD OF WATER AND POWER COMMISSIONERS  
REGULAR MEETING AGENDA  
October 22, 2024  
9:00 AM**

**CITY OF BIG BEAR LAKE,  
DEPARTMENT OF WATER AND POWER  
41972 GARSTIN DRIVE  
BIG BEAR LAKE, CALIFORNIA 92315  
[WWW.BBLDWP.COM](http://WWW.BBLDWP.COM)**

**BOARD MEMBERS**

Bob Tarras, Chair  
Barbara Willey, Vice-Chair  
Craig Hjorth, Treasurer  
Joe Cylwik, Commissioner  
Jim Smith, Commissioner

**This meeting will be held at the DWP Office at 41972 Garstin Drive, Big Bear Lake, CA 92315,**

**ZOOM ACCESS INFORMATION**

This meeting will be available at: <https://us02web.zoom.us/j/85359418109>

**Passcode: bigbear**

**Meeting ID: 853 5941 8109**

You may also call into the meeting by dialing one of the phone numbers below, entering the meeting ID, and entering the passcode.

**Meeting ID: 853 5941 8109**

**Passcode: 230673**

- +1 669 900 9128 US (San Jose)
- +1 253 215 8782 US (Tacoma)
- +1 346 248 7799 US (Houston)
- +1 301 715 8592 US (Germantown)
- +1 312 626 6799 US (Chicago)
- +1 646 558 8656 US (New York)

**OPEN SESSION**

**CALL MEETING TO ORDER**

**PLEDGE OF ALLEGIANCE**

**PUBLIC FORUM**

All remarks shall be addressed to the Board as a body only. There is a three-minute maximum time limit when addressing the Board. Please note that California law prohibits the Board from taking action on any item not appearing on the agenda.

**ACKNOWLEDGEMENT**

Danny to acknowledge Bruce Fellman's retirement after 26 years of service to the DWP.

**INTRODUCTION**

Danny to introduce the new Utility Data Specialist, Amy Kawa.

Reggie to introduce Sam Armstrong as the new Management Analyst/Board Secretary.

**1. CONSENT CALENDAR**

**1.1 Approve Minutes of the Regular Board Meeting Dated September 24, 2024**

**2. ITEMS REMOVED FROM CONSENT CALENDAR**

**3. DISCUSSION/ACTION ITEMS**

**3.1 Authenticate Check Register 9/01/2024 to 09/30/2024**

Board to review and authenticate the September 2024 check register.

**3.2 Authorize Purchase of Case 580EV Backhoe**

Board to review and consider authorizing the purchase of a Case 580EV backhoe from Sonsray Machinery.

**3.3 Motive Solar and Backup Generator Proposal**

Agreement with Motive Energy for the Garstin Water Operations Facilities Project – Solar and Generator Backup

**3.4 DWP Resolution No. 2024-18 – Appointment of Board Secretary**

Board to review and consider appointing the Management Analyst/Board Secretary to serve as the Secretary to the Board

**3.5 June 30, 2024, Financial Analysis (Unaudited)**

Board to review and discuss the June 30, 2024, Financial Analysis.

**3.6 Management Reports**

**3.7 Board Member Reports**

**4. BOARD FOLLOW-UP ITEMS**

**4.1 Board Follow-Up Items**

**5. CLOSED SESSION**

**5.1 Closed Session Pursuant to Section 54956.9(d)(2) Conference with Legal Counsel – Potential Initiation of Litigation One Case**

**5.2 Closed Session Pursuant to Section 54957, Public Employee Performance Evaluation**

Title: General Manager

**ADJOURNMENT**

I hereby certify under penalty of perjury, under the laws of the State of California, that the foregoing agenda was posted in accordance with applicable legal requirements. Dated this 18<sup>th</sup> of October 2024.

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Sam Armstrong, Acting Board Secretary, DWP Board of Commissioners

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**MINUTES OF A REGULAR BOARD MEETING**  
**CITY OF BIG BEAR LAKE,**  
**DEPARTMENT OF WATER AND POWER**  
**BOARD OF WATER AND POWER COMMISSIONERS**  
**September 24, 2024**

**OPEN SESSION**

A regular Meeting of the City of Big Bear Lake, Department of Water and Power (DWP) Board of Commissioners was called to order at 9:00am on September 24, 2024, by Chair Bob Tarras.

**BOARD MEMBERS PRESENT**

Bob Tarras, Chair  
 Barbara Willey, Vice-Chair  
 Craig Hjorth, Treasurer  
 Joe Cylwik, Commissioner  
 Jim Smith, Commissioner

**PLEDGE OF ALLEGIANCE**

Chair Tarras led the pledge of allegiance.

**PUBLIC FORUM**

None.

**ACKNOWLEDGEMENT**

Reggie Lamson, General Manager, acknowledged Danny Ent, Water Superintendent, for his 35 years of service to DWP.

At 9:04 a.m., Chair Tarras called a break for staff to celebrate Danny's achievement.

At 9:10 a.m., Chair Tarras resumed the Open Session of the meeting.

**INTRODUCTION**

Reggie introduced DWP's new District Engineer, Daniel Baguyo.

**1. PUBLIC HEARING****1.1 Resolution No. DWP 2024-16 – Amend DWP's Conflict-of-Interest Code**

Chair Tarras introduced an amendment to the resolution to update the attester's name from Leeanne Eagleson, who recently retired from DWP leaving the Board Secretary position temporarily unfilled, to Craig Hjorth, Treasurer. Vice-Chair Willey asked who the conflict-of-interest code applied to and if the Board is included in the amended conflict-of-interest code. Commissioner Cylwik responded that the Board is included in the amended conflict-of-interest code.

*Motion made as amended by Treasurer Hjorth, seconded by Commissioner Smith, and carried 5-0 to adopt Resolution No. DWP 2024-16 approving amendments to the Conflict-of-interest Code.*

*AYES: Cylwik, Hjorth, Smith, Tarras, Willey*

*NOES:*

*ABSTAIN:*

**2. CONSENT CALENDAR****2.1 Approve Minutes of the Regular Board Meeting Dated August 27, 2024****2.2 Approve Minutes of the Special Board Meeting Dated September 10, 2024**

*Motion made by Treasurer Hjorth, seconded by Commissioner Smith, and carried 5-0 to approve the Consent Calendar.*

*AYES: Cylwik, Hjorth, Smith, Tarras, Willey*

*NOES:*

*ABSTAIN:*

**3. ITEMS REMOVED FROM CONSENT CALENDAR**

None.

#### 4. DISCUSSION/ACTION ITEMS

##### 4.1 Authenticate Check Register 08/01/2024 to 08/31/2024

Commissioner Smith inquired into check number 19428 paid to South Coast AQMD and asked what the payment was for. Danny Ent responded that it was a flat fee associated with emissions from DWP's generators located at the Garstin Facilities. Commissioner Smith inquired into check number 19422 to Motive Energy Storage Systems, Inc. and asked what the payment was for. Reggie responded that the check is to purchase solar panels for the Wolf Reservoir. Commissioner Cylwik asked if the payment will come off the contract from Motive Energy and Reggie responded that the payment is a partial payment of the contract amount. Commissioner Smith asked if Motive Energy had performed any services detailed in the contract before DWP sent the payment. Reggie responded that Motive Energy has designed the facilities but has not started construction work yet, but that DWP needed to send payment so that Motive Energy could purchase the solar panels for the Wolf Reservoir as stated in DWP's contract with Motive Energy. Commissioner Smith inquired into Check 19427 paid to Santa Ana Watershed Project Authority and asked if the payment was for the entire year. Nathan Statham, CFO, responded that it was for the whole year. Commissioner Smith inquired into draft number 192 paid to PBK and asked if there was a progress report for the work, they have done for the Garstin Facility project. Nathan responded that the design component of the project is complete with the most recent payment sent to PBK. Commissioner Smith inquired into draft number 219 paid to VC3 and asked if the payment was for monthly services. Nathan responded that yes, the payment was for monthly services. Treasurer Hjorth inquired into draft number 194 paid to VC3 and asked what the payment was for. Nathan responded that it was for finishing setting up remote desktop services and that VC3 had billed DWP sometime after the services were performed. Commissioner Cylwik inquired into check 19359 paid to Erick Mendoza and asked if the vendor had a local business license. Nathan responded that he would find out. Commissioner Cylwik inquired into check number 19368 paid to Mile High Equipment and check number 19387 paid to Roman's Construction and specifically asked why DWP was purchasing Fill Sand at two different prices from two different vendors. Danny responded that this year is the first year of the new contract with Roman's Construction. Mile High Equipment's contract ended last year and DWP's most recent purchase with them was likely left over from the previous contract.

*Motion made by Treasurer Hjorth, seconded by Commissioner Smith, and carried 5-0 to authenticate the Check Register for August 2024.*

**AYES:** Cylwik, Hjorth, Smith, Tarras, Willey

**NOES:**

**ABSTAIN:**

##### 4.2 Approve Amendment No. 9 to WSC CIP Agreement for Design and Construction Management Services modifying Amendment No. 5 for the Pontell Hydropneumatic System Project

Commissioner Smith asked if the consulting fee of \$124,141 was for design costs. Reggie said that the fee also included bid and construction management services. Commissioner Smith asked if there should be a separate consultant contract rather than an amendment. Reggie responded that the amendment is part of the 5-year contract with WSC for DWP's Capital Improvement Plan, not WSC's contract for on-call services. Commissioner Cylwik added that DWP is locked into the 5-year agreement with WSC, but that DWP's new District Engineer will be able to handle some issues that come up in-house rather than using WSC's services. Commissioner Smith asked about the \$20,000 lost due to releasing S Porter Inc. from the Pontell construction contract. Reggie responded that DWP did not end up losing money from releasing Porter's from the construction contract due to the work that Porter's had already performed prior to being released from the contract.

*Motion made by Commissioner Cylwik, seconded by Treasurer Hjorth, and carried 5-0 to approve Amendment No. 9 to WSC CIP Agreement for Modification of Amendment No. 5 for the Pontell Hydropneumatic System Project.*

**AYES:** Cylwik, Hjorth, Smith, Tarras, Willey

**NOES:**

**ABSTAIN:**

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#### 4.3 Approve Amendment No. 3 to WSC On-Call Services Agreement for Assistance in Obtaining Cal-Trans Permits for New Water Services

Commissioner Smith asked if the amendment is for on-call services and if there was tracking for what DWP has paid for in on-call services. Nathan responded that DWP usually budgets \$20,000 for on-call services, but that some of the costs associated with the Garstin Facilities project will most likely cause WSC to go over budget with the contract, which is what the proposed amendment is for. Reggie added that the USDA heavily modified the original engineering report for the Garstin Facilities project that WSC sent out and recommended that the modified engineering report be used rather than the original. These extra costs contributed to the amendment being proposed. Commissioner Smith asked if DWP received proposals for the on-call services agreement. Reggie said that other proposals were received and that WSC was awarded the contract. Commissioner Smith asked if a cap was put out during the proposal process. Reggie responded that no cap was put out. Commissioner Cylwik requested that a table showing the previous amendments made to the on-call services contract be added to the staff report going forward. Vice-Chair Barbara also agreed that a table should be added.

*Motion made by Commissioner Cylwik, seconded by Vice-Chair Willey, and carried 5-0 to approve Amendment No. 3 to WSC On-Call Engineering Services Agreement for Cal Trans Permits*

*AYES: Cylwik, Hjorth, Smith, Tarras, Willey*

*NOES:*

*ABSTAIN:*

#### 4.4 Authorize Purchase of Case 580EV Backhoe

Treasurer Hjorth asked if staff is aware that DWP will essentially be beta-testers of the Electric Backhoe. Danny responded that DWP's diesel backhoes will still be handling most of the work during the winter months and for large projects, but that the electric backhoe is uniquely suited for upcoming service installations. Treasurer Hjorth asked which kind of charger will be used with the electric backhoe. Reggie responded that a "trickle" charger will be used that takes approximately 5 hours to charge the battery. Reggie added that purchasing a faster charger would mean having to enlarge the existing electric service at Garstin. Treasurer Hjorth asked what the installation costs for the proposed "trickle" charger would be. Danny responded that installation costs should be minimal and much of the work could be done in-house.

Treasurer Hjorth asked if staff went to other distributors aside from Sonrsay Machinery. Commissioner Cylwik responded that staff went through Sourcewell and commended staff for doing so. Sourcewell handled finding the best distributor and presented DWP staff with the best option for purchasing an Electric Backhoe. Commissioner Cylwik added that he is currently not in favor of purchasing an electric backhoe due to it not being budgeted for, the battery time is unreliable, and new equipment is already planned to be purchased in conjunction with the new Garstin Facilities. Commissioner Smith stated that staff should report back after attending the planned demo of the electric backhoe. Commissioner Smith stated that DWP should be ahead of the curve, not behind it. Commissioner Smith also added that the California Core rebate makes the purchase a great opportunity for the price. Commissioner Smith reiterated Commissioner Cylwik's point that staff should report back to the Board after attending a planned demo of the electric backhoe.

Vice-Chair Willey asked if the quote was expired. Reggie responded that the quote expiration date has been extended. Vice-Chair Willey stated that she agreed with Commissioner Smith's point that DWP should be ahead of the curve. Chair Tarras agreed with Commissioner Cylwik that DWP does not currently need an electric backhoe but reiterated the steeply discounted pricing opportunity. Danny responded that while an additional backhoe was not planned for, that DWP will still need it by 2030 due to California fleet emission reduction mandates. Treasurer Hjorth asked about the current cost of a diesel backhoe. Danny responded that a new diesel backhoe costs approximately \$270,000. Treasurer Hjorth stated that the rebate should be taken advantage of before the money runs out. Commissioner Cylwik stated that purchasing the electric backhoe is not a need for DWP currently, especially considering the recent rate increases for

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DWP customers. Chair Tarras states that there was a 5-year projection as part of the rate study and would like to see a related status update. Treasurer Hjorth stated that the electric backhoe purchase should be brought back to the Board after staff attend the planned demo.

**4.5 Management Reports**

Commissioner Cylwik and Vice-Chair Willey commended staff for being awarded the EPA's Promotional Partner of the Year Award. Treasurer Hjorth asked about the increase in radio read leaks. Danny responded that the threshold for notification to customers was lowered, which resulted in more leak notifications. Chair Tarras asked about the timeline of the audit and the latest date it could be finished. Nathan responded that the audit is legally required within six months of fiscal year end (Dec 31<sup>st</sup>), but he does not anticipate the audit taking that long. Nathan added that field work for the audit starts next week.

Commissioner Smith asked how setting up the ArcGIS Enterprise software was progressing. Nathan responded that Motive Managed Services is handling the conversion as of this week and the project is quickly moving forward. Chair Tarras asked if Motive Managed Services can handle setting up the cellular internet access failover. Nathan responded yes and that an agreement regarding the failover and other service components should be coming to the Board soon.

**4.6 Board Member Reports**

None.

**5. BOARD FOLLOW-UP ITEMS****5.1 Board Follow-Up Items**

None.

At 10:55 a.m., Chair Tarras closed the Open Session.

At 11:06 a.m., Chair Tarras opened Closed Session.

**6. CLOSED SESSION****6.1 Closed Session Pursuant to Section 54957, Public Employee Performance Evaluation**

Title: General Manager

**6.2 Closed Session Pursuant to Section 54956.9(d)(2) Conference with Legal Counsel – Potential Initiation of Litigation One Case**

At 11:48 a.m., Chair Tarras closed the Closed Session and opened the Open Session and there was no reportable action.

**ADJOURNMENT**

No additional business came before the Board. At 11:49 a.m., Chair Tarras adjourned the meeting.

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Nathan Statham, Acting Board Secretary, DWP Board of Commissioners

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## Big Bear Lake Dept. of Water &amp; Power

**Check Register with GL Distribution**

Date Range: 9/1/2024 to 9/30/2024

Check Number	Check Date	Vendor Name	Amount	Transaction Description	Project Name
	GL Act Number	GL Account Name			
19435	9/4/2024	Gustavo Alfaro			
	20-98-6930	Special Dept Expense	\$960.00	Retirement Lunch - Leeanne	
		Distribution Total:	<u>\$960.00</u>		
19438	9/6/2024	Aqua-Metric Sales Company			
	20-95-6256	Maintenance - Meters	\$11,709.40	MXU 520 M Single Port T/C	
	20-95-6256	Maintenance - Meters	\$11,709.40	MXU 520 M Single Port 08/2024	
		Distribution Total:	<u>\$23,418.80</u>		
19439	9/6/2024	AutoZone Parts, Inc.			
	20-59-6360	Automotive Expense	(\$22.00)	Duralast Vehicle Battery - Credit	
	20-59-6360	Automotive Expense	\$223.95	Duralast Vehicle Battery	
		Distribution Total:	<u>\$201.95</u>		
19440	9/6/2024	Bear Valley Electric			
	20-50-5560	Utilities - Electric	\$14.35	Coontank N/Pineyridge 08/2024	
	20-50-5560	Utilities - Electric	\$16.06	39218 1/2 Cedar Dell 08/2024	
	20-50-5560	Utilities - Electric	\$180.64	Cline Miller PI Reservoir 08/2024	
	20-50-5560	Utilities - Electric	\$359.91	Cherokee Well 08/2024	
	20-50-5560	Utilities - Electric	\$389.96	Seminole Well 08/2024	
	20-50-5560	Utilities - Electric	\$455.37	40751 N Shore Dr DWP Mant 08/2024	
	20-50-5560	Utilities - Electric	\$6,106.38	500 Sawmill Canyon Dr 08/2024	
		Distribution Total:	<u>\$7,522.67</u>		
19441	9/6/2024	Butchers Blocks & Building Mat			
	20-50-6240	Maintenance - Wells	\$12.50	Misc Bolts, Nuts, Washers	
	20-59-6180	Small Tools	\$36.72	BRS Bushings	

	20-59-6180	Small Tools	\$39.85	Contractor Bags, Oregon Trimmer Line 07/202
		Distribution Total:	<u>\$89.07</u>	
19442	9/6/2024	Capital One Trade Credit		
	20-59-6130	Safety Supplies	\$96.93	Hi Visability Vests
	20-59-6130	Safety Supplies	\$685.16	Hi Visability Hoodies
		Distribution Total:	<u>\$782.09</u>	
19443	9/6/2024	Cintas		
	20-59-6130	Safety Supplies	\$154.70	First Aid Supplies 08/2024
	20-59-6130	Safety Supplies	\$267.22	Monthly Emergency Defibrillator Charge
		Distribution Total:	<u>\$421.92</u>	
19444	9/6/2024	Clinical Laboratory of San Bernardino Inc		
	20-50-6400	Professional Services	\$7,364.00	Testing Samples, EPA Asbestos Testing \$5,400.
		Distribution Total:	<u>\$7,364.00</u>	
19445	9/6/2024	Core & Main LP		
	20-00-1560	Inventory	(\$394.50)	BRS Saddle DBL BRZ Strap
	20-00-1560	Inventory	\$711.67	90 Bend Meter FLG 07/2024
	20-00-1560	Inventory	\$1,567.76	Repair Clamps
	20-00-1560	Inventory	\$1,596.21	ResetterV42
	20-00-1560	Inventory	\$2,311.50	BRS Saddles, Meter VLV
		Distribution Total:	<u>\$5,792.64</u>	
19446	9/6/2024	County of San Bernardino		
	20-55-6140	Basic Materials	\$72.04	Trash/Dump Fees 08/2024
		Distribution Total:	<u>\$72.04</u>	
19447	9/6/2024	Delco Service, Inc. dba Southwest HydroTech		
	20-50-6235	Maintenance - Pressure Valves	\$3,290.65	Annual Pressure Relief Valve Maintenance - Santa Barbara Booster
	20-50-6235	Maintenance - Pressure Valves	\$4,427.98	Annual Pressure Relief Valve Maintenance - Moonridge & Silvertip
	20-50-6235	Maintenance - Pressure Valves	\$4,579.21	Annual Pressure Relief Valve Maintenance - Butte/Villa

	20-50-6235	Maintenance - Pressure Valves	\$5,035.69	Annual Pressure Relief Valve Maintenance - Villagrove & Plumas PRV
		Distribution Total:	<u>\$17,333.53</u>	
19448	9/6/2024	Estrada's Construction, Landscaping & Fencing		
	20-99-8191	Capital Outlay - CIP	\$13,850.00	Wolf Reservoir Fence, antenna tower base security enclosure
		Distribution Total:	<u>\$13,850.00</u>	
19449	9/6/2024	Execucom		
	20-98-6400	Professional Services	\$882.98	After hours answering service, August 2024
	20-98-6400	Professional Services	\$883.18	After hours answering service, September 2024
		Distribution Total:	<u>\$1,766.16</u>	
19450	9/6/2024	Geiger Supply, Inc.		
	20-50-6242	Maintenance - Reservoirs	\$143.23	Pipe 2Galv CIMP
	20-55-6250	Maintenance - Mains & Services	\$276.46	Dekorock 39-21-21
		Distribution Total:	<u>\$419.69</u>	
19451	9/6/2024	Grainger Inc		
	20-59-6130	Safety Supplies	\$30.16	Electrolyte Drink Mix 07/2024
	20-59-6130	Safety Supplies	\$236.12	Electrolyte Drink Mix 07/2024
	20-59-6180	Small Tools	\$48.55	AA Batteries
	20-59-6180	Small Tools	\$55.78	Fish Tape
	20-59-6180	Small Tools	\$156.86	Quick Connect Filter, ice machine cleaner
	20-59-6180	Small Tools	\$186.00	Blank Tags 07/2024
	20-98-6220	Maintenance Buildings/Grounds	\$104.47	Oscillating Table Fan
		Distribution Total:	<u>\$817.94</u>	
19452	9/6/2024	HD Supply Inc., dba USA Blue Book		
	20-00-1560	Inventory	\$1,695.64	Excel LMI Pump
	20-55-6250	Maintenance - Mains & Services	\$182.24	Magnetomatic Pipe Locator
	20-55-6250	Maintenance - Mains & Services	\$611.00	3M EMS 4" Ball Marker 08/2024
	20-95-6256	Maintenance - Meters	\$709.65	FiberCurve Marking Post-White
		Distribution Total:	<u>\$3,198.53</u>	

ITEM 3.1

19453	9/6/2024	Joe Cylwik		
	20-98-6405	Professional Services - Personnel & Safety	\$299.88	Experian Identity Protection
		Distribution Total:	<u>\$299.88</u>	
19454	9/6/2024	Jon Lee DBA Pump Check		
	20-50-6240	Maintenance - Wells	\$7,350.00	Pump Efficiency Testing - 10 Pumps   Water Meter Testing - 10 Production Meters   10 Wells Thermal Graphic Imaging
		Distribution Total:	<u>\$7,350.00</u>	
19455	9/6/2024	Knight's Automotive		
	20-59-6286	Vehicle Maintenance	\$678.37	23P01 Tire Rotation, Brake Inspection, Oil Change
	20-59-6360	Automotive Expense	\$1,547.97	11P02 Replace and Install 4 Tires
		Distribution Total:	<u>\$2,226.34</u>	
19456	9/6/2024	Linde Gas & Equipment Inc.		
	20-59-6180	Small Tools	\$61.07	Cylinder Rent Summary 08/2024
		Distribution Total:	<u>\$61.07</u>	
19457	9/6/2024	Ludecke's Electrical Service, Inc.		
	20-50-6240	Maintenance - Wells	\$880.57	Install Thermostat Controlled Exhaust
		Distribution Total:	<u>\$880.57</u>	
19458	9/6/2024	McMaster-Carr Supply Company		
	20-59-6180	Small Tools	\$106.65	Rubber Tubing, Abrasion Resistant Gum and Misc.
	20-59-6180	Small Tools	\$142.56	Zinc Plated Steel Hex Screws
		Distribution Total:	<u>\$249.21</u>	
19459	9/6/2024	Mile High Sports & Equip., Inc		
	20-50-6400	Professional Services	\$4,815.00	Bear Mountain Slant Well Relocation - Excavation and Back Fill Services
	20-55-6140	Basic Materials	\$187.50	Bear Mountain Slant Well Relocation - Fill Materials
	20-55-6140	Basic Materials	\$1,000.00	Bear Mountain Slant Well Relocation - Fill Materials
	20-55-6140	Basic Materials	\$1,700.00	Bear Mountain Slant Well Relocation - Fill Materials
	20-55-6140	Basic Materials	\$1,862.50	Bear Mountain Slant Well Relocation - Fill Materials
		Distribution Total:	<u>\$9,565.00</u>	

19460	9/6/2024	Nativescapes, Inc.		
	20-51-6930	Special Dept Expense	\$1,160.00	Landscape Maintenance Division Demonstration Garden
		Distribution Total:	<u>\$1,160.00</u>	
19461	9/6/2024	OJs Donut House		
	20-98-6930	Special Dept Expense	\$17.45	Donuts for August Board Meeting
	20-98-6930	Special Dept Expense	\$90.90	Donuts for All Employee Meeting
		Distribution Total:	<u>\$108.35</u>	
19462	9/6/2024	Orange County Winwater Works		
	20-00-1560	Inventory	\$225.56	Roll Up Sign Mounting Bracket 08/2024
	20-00-1560	Inventory	\$376.26	Ford A34 Meter Adapter
	20-00-1560	Inventory	\$487.89	Ford Q34-24-NL
	20-00-1560	Inventory	\$659.30	Romac Repair Clamp 08/2024
	20-00-1560	Inventory	\$1,110.90	Compact Brushless 08/2024
	20-00-1560	Inventory	\$1,403.92	Repair Clamps, Romac Saddle
	20-00-1560	Inventory	\$2,673.70	Copper Tube Adapter 08/2024
		Distribution Total:	<u>\$6,937.53</u>	
19463	9/6/2024	Paso Robles Tank		
	20-00-2025	Retention Payable	(\$17,830.00)	5% Retention Withheld
	20-99-8191	Capital Outlay - CIP	\$356,600.00	Wolf Reservoir Replacement Project
		Distribution Total:	<u>\$338,770.00</u>	
19464	9/6/2024	PricewaterhouseCoopers LLP		
	20-98-6400	Professional Services	\$9,996.07	Professional Services 06/2024
		Distribution Total:	<u>\$9,996.07</u>	
19465	9/6/2024	Prudential Overall Supply dba Prudential Cleanroom		
	20-59-6339	Laundry	\$206.18	Uniform Services 08/29/2024
	20-59-6339	Laundry	\$444.70	Uniform Services 06/20/2024
	20-59-6339	Laundry	\$449.70	Uniform Services 08/08/2024
	20-59-6339	Laundry	\$460.29	Uniform Services 08/2024

20-59-6339 Laundry \$501.26 Uniform Services 08/29/24

Distribution Total: \$2,062.13

19466 9/6/2024 Rosemary DeLap  
20-95-6256 Maintenance - Meters \$839.37 50 Masterlock Padlocks & Keys

Distribution Total: \$839.37

19467 9/6/2024 Shepard Bros Inc  
20-50-5175 Chemicals/Filter Material \$7,210.45 50 30-Gallon Drums of Chlorine

Distribution Total: \$7,210.45

19468 9/6/2024 U.S. Bank  
20-99-6400 Professional Services - Debt Service \$2,250.00 Admin Fees 08/1/24 - 7/31/25

Distribution Total: \$2,250.00

19469 9/6/2024 Underground Service Alert of Southern California  
20-98-6330 Contractual Services \$128.97 CA State Reg Fee 08/2024  
20-98-6330 Contractual Services \$620.50 330 DWP01 New Ticket Charges

Distribution Total: \$749.47

19470 9/6/2024 Vision Communications  
20-59-6329 Communications - Radio \$550.90 Vehicle Radio Service, Programming

Distribution Total: \$550.90

19471 9/6/2024 Yardley-Orgill Co., Inc  
20-00-1560 Inventory \$1,305.93 Ultra Flex Coup 08/2024

Distribution Total: \$1,305.93

19474 9/20/2024 All Protection Alarm  
20-98-6330 Contractual Services \$1,027.05 Security Services, Fire Services 10/2024 - 12/24

Distribution Total: \$1,027.05

19475 9/20/2024 AlterTech Solutions  
20-98-6400 Professional Services \$564.00 Cityworks Support 08/2024  
20-98-6400 Professional Services \$3,500.00 Intergration of 811 Dgalert to Cityworks

Distribution Total: \$4,064.00

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19476	9/20/2024	American Building Janitorial, Inc.		
	20-98-6220	Maintenance Buildings/Grounds	\$675.00	Janitorial Services 09/2024
		Distribution Total:	<u>\$675.00</u>	
19477	9/20/2024	APPLE Administrator		
	20-00-2045	Payroll Liabilities	\$661.15	APPLE Contributions PPE 09/06/2024 PP19
		Distribution Total:	<u>\$661.15</u>	
19478	9/20/2024	AutoZone Parts, Inc.		
	20-51-6930	Special Dept Expense	\$7.75	3/8 Deep Socket
	20-59-6286	Vehicle Maintenance	\$23.69	14BH01 Antifreeze Coolant
	20-59-6360	Automotive Expense	\$23.69	14BH01 Anti Freeze
	20-59-6360	Automotive Expense	\$73.25	Bosch Primeactive Wiper Blades
		Distribution Total:	<u>\$128.38</u>	
19479	9/20/2024	Bear Valley Electric		
	20-50-5560	Utilities - Electric	\$13.95	10th Ln North 08/2024
	20-50-5560	Utilities - Electric	\$13.95	Lakewood #7 08/2024
	20-50-5560	Utilities - Electric	\$13.95	10th Ln W/End #5 08/2024
	20-50-5560	Utilities - Electric	\$14.51	Magnolia Ln Booster N/W Sun 08/2024
	20-50-5560	Utilities - Electric	\$17.91	Cedar Lake Reservoir 08/2024
	20-50-5560	Utilities - Electric	\$20.18	Magnolia Ln & Sunset Ln 08/2024
	20-50-5560	Utilities - Electric	\$28.41	Lakewood #6 Well
	20-50-5560	Utilities - Electric	\$204.60	Division Wells 08/2024
	20-50-5560	Utilities - Electric	\$394.99	Barton Ln Pump S/W Pine 08/2024
	20-50-5560	Utilities - Electric	\$1,176.29	839 Knickerbocker Rd 08/2024
	20-50-5560	Utilities - Electric	\$1,677.79	43511 Bow Canyon Rd 08/2024
	20-50-5560	Utilities - Electric	\$1,921.55	561 Maple Ln 08/2024
	20-98-6326	Utilities - Electric	\$75.52	41972 Garstin Dr 08/2024
		Distribution Total:	<u>\$5,573.60</u>	

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19480	9/20/2024	Big Bear Grizzly		
	20-98-6910	Advertising	\$156.75	Public Notices Request for Bids 08/2024
	20-98-6910	Advertising	\$353.50	Admin Analyst Employment Ad 08/2024
		Distribution Total:	<u>\$510.25</u>	
19481	9/20/2024	Brickley Environmental		
	20-55-6140	Basic Materials	\$2,250.00	Pick up and Dispose Asbestos Materials
		Distribution Total:	<u>\$2,250.00</u>	
19482	9/20/2024	Butchers Blocks & Building Mat		
	20-51-6930	Special Dept Expense	\$11.12	Misc Bolts, Nuts & Washers
	20-51-6930	Special Dept Expense	\$40.72	Gator Grip Set, Misc Bolts, Nuts & Washers
	20-59-6180	Small Tools	(\$6.42)	Misc Bolts Nuts Washers (Return)
	20-59-6180	Small Tools	\$16.65	BRS barb Tee 1/4"
	20-59-6180	Small Tools	\$17.20	BRS Bushing 3/4x1/2
	20-59-6180	Small Tools	\$19.58	Misc Bolts, Nuts Washers
	20-59-6180	Small Tools	\$62.99	3/8" Acid Brush, Abrasive Cloth, Teflon Paste
	20-59-6180	Small Tools	\$221.73	Promo Cutter, PVC Coupling, Hot Glue
		Distribution Total:	<u>\$383.57</u>	
19483	9/20/2024	Cintas		
	20-59-6130	Safety Supplies	\$269.97	AED, First Aid Supplies
		Distribution Total:	<u>\$269.97</u>	
19484	9/20/2024	Core & Main LP		
	20-00-1560	Inventory	\$455.59	Rep CLP CLI-9
	20-55-6250	Maintenance - Mains & Services	\$390.23	2 Tee PJ 08/2024
	20-55-6250	Maintenance - Mains & Services	\$754.25	Nut & Gasket Corp
		Distribution Total:	<u>\$1,600.07</u>	
19485	9/20/2024	County Recorder San Bernardino		
	20-90-6335	Bank Charges and Misc Fees	\$20.00	Lien Release 09/2024
		Distribution Total:	<u>\$20.00</u>	

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19486	9/20/2024	E.H. WACHS		
	20-59-6360	Automotive Expense	\$174.10	Selector Switches
		Distribution Total:	<u>\$174.10</u>	
19487	9/20/2024	FullSource		
	20-59-6130	Safety Supplies	\$234.06	Safety Vest 08/2024
		Distribution Total:	<u>\$234.06</u>	
19488	9/20/2024	InfoSend, Inc.		
	20-97-6330	Contractual Services	\$528.30	Bill Processing Services 08/2024
	20-97-6970	Printing	\$535.53	Bill Processing Services 08/2024
	20-98-6320	Postage Charges	\$4,182.95	Postage for Bills 08/2024
		Distribution Total:	<u>\$5,246.78</u>	
19489	9/20/2024	KBHR-FM		
	20-51-6910	Advertising	\$302.60	Advertising w/CSD 08/2024
	20-51-6910	Advertising	\$445.00	Advertising 08/2024
		Distribution Total:	<u>\$747.60</u>	
19490	9/20/2024	Knight's Automotive		
	20-59-6286	Vehicle Maintenance	\$675.91	Replace Brake Pads & Rotors, Tire Rotation &
	20-59-6286	Vehicle Maintenance	\$1,203.17	16P01 Rear Diff Repair, Brake Replacement
		Distribution Total:	<u>\$1,879.08</u>	
19491	9/20/2024	McMaster-Carr Supply Company		
	20-59-6180	Small Tools	\$49.24	Triangular Architects Scale
		Distribution Total:	<u>\$49.24</u>	
19492	9/20/2024	Mile High Sports & Equip., Inc		
	20-55-6140	Basic Materials	\$646.50	20Yds Misc Class II Base
		Distribution Total:	<u>\$646.50</u>	
19493	9/20/2024	Mobile Occupational Services, Inc.		
	20-98-6405	Professional Services - Personnel & Safety	\$140.00	Employee Random Drug Testing 08/2024
		Distribution Total:	<u>\$140.00</u>	

19494	9/20/2024	MOONRIDGE FUEL		
	20-59-6362	Fuel	\$140.02	Fuel 08/2024
		Distribution Total:	<u>\$140.02</u>	
19495	9/20/2024	Motive Managed Services, LLC		
	20-59-6420	Professional Services - IT	\$1,310.00	ACRGIS Setup
		Distribution Total:	<u>\$1,310.00</u>	
19496	9/20/2024	Mountain Trophy & Awards		
	20-98-6930	Special Dept Expense	\$33.40	Desk Nameplate, Holder for Insert
		Distribution Total:	<u>\$33.40</u>	
19497	9/20/2024	Nativescapes, Inc.		
	20-51-6930	Special Dept Expense	\$1,160.00	Landscape Maintenance for Division Demonstration Garden
		Distribution Total:	<u>\$1,160.00</u>	
19498	9/20/2024	Orange County Winwater Works		
	20-00-1560	Inventory	(\$317.13)	Ford Q34-24-NL
	20-00-1560	Inventory	\$420.79	Repair Clamp, Romac Saddle, Marking Paint
	20-00-1560	Inventory	\$441.53	Copper Tub Adapter 09/2024
	20-00-1560	Inventory	\$1,234.43	8 PVC Megalug
		Distribution Total:	<u>\$1,779.62</u>	
19499	9/20/2024	Pollardwater		
	20-59-6180	Small Tools	\$210.87	Fire Hydrant Gage with Bleed Valve
		Distribution Total:	<u>\$210.87</u>	
19500	9/20/2024	Prudential Overall Supply dba Prudential Cleanroom		
	20-59-6339	Laundry	\$501.26	Uniform Services 09/2024
	20-59-6339	Laundry	\$605.65	Uniform Services 09/2024
		Distribution Total:	<u>\$1,106.91</u>	
19501	9/20/2024	Ralph W. Haupt, Inc.		
	20-59-6362	Fuel	\$260.86	Fuel for Generators 08/2024
		Distribution Total:	<u>\$260.86</u>	

19502	9/20/2024	Ronald D Ewell dba Ron Ewell Plumbing		
	20-98-6220	Maintenance Buildings/Grounds	\$375.00	Service Call for Lobby Restroom Toilet Leak, Garbage Disposal Replacement
		Distribution Total:	<u>\$375.00</u>	
19503	9/20/2024	Special Districts Dept San Bernardino County		
	20-50-6275	Maintenance - Water Treatment	\$8.96	Sewer Charges 06/2024 - 08/2024
		Distribution Total:	<u>\$8.96</u>	
19504	9/20/2024	State Water Resources Control Board		
	20-59-6926	Education / Training	\$60.00	Distribution Cert Renewal OP#50686
		Distribution Total:	<u>\$60.00</u>	
19505	9/20/2024	TOM DODSON & ASSOCIATES		
	20-99-8191	Capital Outlay - CIP	\$1,550.00	CEQA for Garstin 08/2024 Garstin Water Operations Facility
		Distribution Total:	<u>\$1,550.00</u>	
19506	9/20/2024	Vehicle Svcs Dept San Bernardino County		
	20-59-6362	Fuel	\$137.53	Revised Fuel Invoice
	20-59-6362	Fuel	\$5,219.64	Fuel 08/2024
		Distribution Total:	<u>\$5,357.17</u>	
19507	9/20/2024	Yardley-Orgill Co., Inc		
	20-00-1560	Inventory	\$286.62	CTS PJ Coupling 08/2024
	20-00-1560	Inventory	\$646.50	PJ Coupling, FIP CTS Adapter
	20-00-1560	Inventory	\$801.66	4x1 SDL 08/2024
	20-00-1560	Inventory	\$1,420.15	Third Galv Coupling 08/2024
	20-00-1560	Inventory	\$1,502.04	Flg Gate Valve
	20-00-1560	Inventory	\$1,961.05	S912 SDL, FIP CTS, Plug, BRS Tee
	20-00-1560	Inventory	\$2,094.66	CTS x PJ IPS Tee
	20-55-6250	Maintenance - Mains & Services	\$310.32	PJ Nut for Corp 08/2024
	20-55-6250	Maintenance - Mains & Services	\$678.83	Sewer Pipe GST
	20-59-6180	Small Tools	\$189.64	Marking Paint

20-59-6180	Small Tools	\$310.32	Marking Paint
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Distribution Total:	<u>\$10,201.79</u>
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19508	9/20/2024	Grainger Inc		
	20-55-6215	Maintenance - Hydrants	\$102.84	Fire Hose Nozzle 07/2024
	20-55-6250	Maintenance - Mains & Services	\$85.61	Marking Wand 09/2024
	20-55-6250	Maintenance - Mains & Services	\$154.25	Marking Paint Hot Pin
	20-59-6130	Safety Supplies	\$59.94	Liquid Bandage PK4
	20-59-6130	Safety Supplies	\$159.05	Safety Glass 07/2024
	20-59-6180	Small Tools	\$18.92	Hard Hat Rack 08/2024
	20-59-6180	Small Tools	\$23.79	Battery Pk12 07/2024
	20-59-6180	Small Tools	\$28.38	Hard Hat Rack 07/2024
	20-59-6180	Small Tools	\$30.09	EDPM Tube
	20-59-6180	Small Tools	\$45.29	Silicone Tube Outside 08/2024
	20-59-6180	Small Tools	\$62.15	Push Broom 60 In Handles
	20-59-6180	Small Tools	\$63.53	Drain Spade 08/2024
	20-59-6180	Small Tools	\$77.88	Shovel Round Point
	20-59-6180	Small Tools	\$78.32	Socket Extension Wrench
	20-59-6180	Small Tools	\$99.13	Ratchet 08/2024
	20-59-6180	Small Tools	\$125.53	Straight Chain Steel 07/2024
	20-59-6180	Small Tools	\$546.28	Diamond Saw Blade 08/2024
	20-59-6180	Small Tools	\$1,311.72	Hydraulic Service Jack 07/2024
	20-59-6329	Communications - Radio	\$240.93	Battery Pack, Motorola 08/2024
	20-59-6360	Automotive Expense	\$48.88	Triangle Warning Kit
	20-59-6360	Automotive Expense	\$71.57	Diesel Exhaust Fluid 07/2024
	20-59-6360	Automotive Expense	\$71.57	Diesel Exhaust Fluid 07/2024
	20-59-6360	Automotive Expense	\$122.51	Booster Cable Amp
	20-98-6220	Maintenance Buildings/Grounds	\$21.23	Mini Blinds 08/2024

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20-98-6930	Special Dept Expense	\$78.04	Disinfecting Wipes 08/2024
20-98-6930	Special Dept Expense	\$238.01	Toilet Paper Roll, Paper Towel
20-98-6930	Special Dept Expense	\$329.14	Trash Bags, Disposable Cups 07/2024
	Distribution Total:	<u>\$4,294.58</u>	

Draft Number	Check Date	Vendor Name	Amount	Transaction Description	Project Name
	GL Act Number	GL Account Name			

220	9/6/2024	Dakota Arizmendi			
	20-59-6926	Education / Training	\$120.00	Distribution Cert Reimbursement	
		Distribution Total:	<u>\$120.00</u>		

221	9/6/2024	PBK			
	20-99-8191	Capital Outlay - CIP	\$2,743.83	Permits/Inspection Fees 07/2024	Garstin Water Operations Facility
	20-99-8191	Capital Outlay - CIP	\$451.41	A&I Reprographics 08/2024	Garstin Water Operations Facility
	20-99-8191	Capital Outlay - CIP	\$108,000.00	Construction Documents 08/2024	Garstin Water Operations Facility
		Distribution Total:	<u>\$111,195.24</u>		

222	9/6/2024	RingCentral Inc.			
	20-98-6400	Professional Services	\$1,357.22	Phones	
		Distribution Total:	<u>\$1,357.22</u>		

223	9/6/2024	SB COUNTY EMPLOYEES RETIREMENT ASSC			
	20-00-2045	Payroll Liabilities	\$60,357.85	Emp Pension PP18 PPE 8/23/24	
		Distribution Total:	<u>\$60,357.85</u>		

224	9/6/2024	Water Systems Consulting, Inc.			
	20-99-8191	Capital Outlay - CIP	\$20,029.00	Wolf Reservoir Project 07/2024	Wolf Reservoir
	20-99-8191	Capital Outlay - CIP	\$3,261.00	Wolf Reservoir Project 07/2024	Wolf Booster
	20-99-8191	Capital Outlay - CIP	\$34,345.85	Engineering Design Pontell 05/2024 - 07/2024	Pontel Hydropneumatic Tank
		Distribution Total:	<u>\$57,635.85</u>		

225	9/20/2024	Best Best & Krieger LLP			
	20-98-6405	Professional Services - Personnel & Safety	\$410.80	DWP Matter #19361.0005A 08/2024	
	20-98-6405	Professional Services - Personnel & Safety	\$1,267.20	DWP Matter # 19361.00005 08/2024	
		Distribution Total:	<u>\$1,678.00</u>		

ITEM 3.1	226	9/20/2024	Rachel Franklin		
		20-98-6926	Education / Training	\$376.84	Per Diem & Mielage for CJPIA Risk Forum
			Distribution Total:	<u>\$376.84</u>	
	227	9/20/2024	RingCentral Inc.		
		20-90-6420	Professional Services - Data/Internet	\$1,190.60	Phones
		20-90-6420	Professional Services - Data/Internet	\$1,170.01	Phones
			Distribution Total:	<u>\$2,360.61</u>	
	228	9/20/2024	VC3, Inc. - Accent Computer Solutions		
		20-98-6420	Professional Services - IT	\$666.17	HPE 300gb Hard Drive Disk Replacement
			Distribution Total:	<u>\$666.17</u>	
	229	9/20/2024	SB COUNTY EMPLOYEES RETIREMENT ASSC		
		20-00-2045	Payroll Liabilities	\$60,107.14	Emp Pension PP PPE 9/6/24
			Distribution Total:	<u>\$60,107.14</u>	
	DFT0000338	9/6/2024	Verizon Wireless		
		20-98-6315	Computer Equipment / Software	\$1,152.42	Field IPAD Upgrade Purchase
		20-98-6315	Computer Equipment / Software	\$22,612.00	Field IPAD Upgrade Purchase
			Distribution Total:	<u>\$23,764.42</u>	
	DFT0000339	9/6/2024	AMERICAN FIDELITY ASSURANCE COMPANY		
		20-00-2045	Payroll Liabilities	\$2,235.73	EE Life / LTD 08/2024
		20-00-2045	Payroll Liabilities	\$1,465.78	FSA Premium 08/2024
		20-00-2045	Payroll Liabilities	\$1,066.90	FSA Premium 08/2024
			Distribution Total:	<u>\$4,768.41</u>	
	DFT0000340	9/6/2024	Health Net		
		20-95-6084	Health and Wellness Benefits	\$5,127.60	HMO/PPO Premium 09/2024
		20-90-6084	Health and Wellness Benefits	\$5,544.83	HMO/PPO Premium 09/2024
		20-59-6084	Health and Wellness Benefits	\$2,734.77	HMO/PPO Premium 09/2024
		20-50-6084	Health and Wellness Benefits	\$1,119.33	HMO/PPO Premium 09/2024
		20-98-6084	Health and Wellness Benefits	\$3,869.05	HMO/PPO Premium 09/2024
			Distribution Total:	<u>\$18,395.58</u>	

ITEM 3.1	DFT0000341	9/6/2024	Paylocity Payroll		
		20-98-6405	Professional Services - Personnel & Safety	\$232.58	Payroll Processing PP17 PPE 8/23/24
			Distribution Total:	<u>\$232.58</u>	
	DFT0000342	9/20/2024	Paylocity Payroll		
		20-98-6405	Professional Services - Personnel & Safety	\$540.34	Payroll Processing PP18 PPE 9/16/2024
			Distribution Total:	<u>\$540.34</u>	
	DFT0000343	9/20/2024	Kaiser Permanente		
		20-55-6084	Health and Wellness Benefits	\$9,521.97	Health Insurance Premium 09/2024
		20-50-6084	Health and Wellness Benefits	\$3,275.05	Health Insurance Premium 09/2024
		20-51-6084	Health and Wellness Benefits	\$2,289.32	Health Insurance Premium 09/2024
		20-95-6084	Health and Wellness Benefits	\$3,032.79	Health Insurance Premium 09/2024
		20-97-6084	Health and Wellness Benefits	\$3,826.68	Health Insurance Premium 09/2024
		20-59-6084	Health and Wellness Benefits	\$2,707.04	Health Insurance Premium 09/2024
		20-98-6084	Health and Wellness Benefits	\$613.88	Health Insurance Premium 09/2024
			Distribution Total:	<u>\$25,266.73</u>	
	DFT0000344	9/20/2024	Reliance Standard		
		20-59-6084	Health and Wellness Benefits	\$176.20	Vision Insurance 09/2024
		20-55-6084	Health and Wellness Benefits	\$324.85	Vision Insurance 09/2024
		20-90-6084	Health and Wellness Benefits	\$196.18	Vision Insurance 09/2024
		20-51-6084	Health and Wellness Benefits	\$116.26	Vision Insurance 09/2024
		20-50-6084	Health and Wellness Benefits	\$176.20	Vision Insurance 09/2024
		20-95-6084	Health and Wellness Benefits	\$336.04	Vision Insurance 09/2024
		20-97-6084	Health and Wellness Benefits	\$159.84	Vision Insurance 09/2024
		20-98-6084	Health and Wellness Benefits	\$217.95	Vision Insurance 09/2024
			Distribution Total:	<u>\$1,703.52</u>	
	DFT0000345	9/20/2024	Reliance Standard		
		20-50-6084	Health and Wellness Benefits	\$811.27	Dental Insurance 09/2024
		20-51-6084	Health and Wellness Benefits	\$569.13	Dental Insurance 09/2024

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20-90-6084	Health and Wellness Benefits	\$916.45	Dental Insurance 09/2024
20-59-6084	Health and Wellness Benefits	\$526.70	Dental Insurance 09/2024
20-95-6084	Health and Wellness Benefits	\$1,499.66	Dental Insurance 09/2024
20-97-6084	Health and Wellness Benefits	\$664.96	Dental Insurance 09/2024
20-98-6084	Health and Wellness Benefits	\$765.73	Dental Insurance 09/2024
20-55-6084	Health and Wellness Benefits	\$1,524.90	Dental Insurance 09/2024
Distribution Total:		<u>\$7,278.80</u>	

DFT0000346	9/20/2024	Reliance Standard Life Ins. Co.		
	20-50-6084	Health and Wellness Benefits	\$0.40	EE/ER Life LTD 09/2024
	20-00-2045	Payroll Liabilities	\$1,696.89	EE/ER Life LTD 09/2024
	20-95-6084	Health and Wellness Benefits	\$36.41	EE/ER Life LTD 09/2024
	20-90-6084	Health and Wellness Benefits	\$12.40	EE/ER Life LTD 09/2024
	20-59-6084	Health and Wellness Benefits	\$0.40	EE/ER Life LTD 09/2024
	20-55-6084	Health and Wellness Benefits	\$60.40	EE/ER Life LTD 09/2024
	20-97-6084	Health and Wellness Benefits	\$0.41	EE/ER Life LTD 09/2024
	20-98-6084	Health and Wellness Benefits	\$15.46	EE/ER Life LTD 09/2024
	20-51-6084	Health and Wellness Benefits	(\$23.59)	EE/ER Life LTD 09/2024
Distribution Total:			<u>\$1,799.18</u>	

Check Number	Check Date	Customer Name	Service Address	Refund Amount	Refund Description
19436	9/6/2024	ROBERT GRANGE TRUST	350 HIGHLAND/SGLF	\$23.74	Refunds 001 UBPKT10078 Disconnect
19437	9/6/2024	JENNIFER FOSBURG	687 TALMADGE RD	\$809.00	Refunds 001 UBPKT10078 Disconnect
19472	9/20/2024	GERALD & VALERIE COFSKY	1130 RIDGE RD	\$269.48	Refunds 022 UBPKT10135 Disconnect
19473	9/20/2024	SOUTH COAST PAVING INC	16070563 HYDRANT METER	\$1,257.27	Refunds 022 UBPKT10135 Disconnect
19509	9/25/2024	WORLD MARK	240 STARVATION FLATS	\$2,330.56	Turf Rebate Credit Refund

ITEM 3.1  
**Report Summary**

<b>Checks</b>	<b>Count</b>	<b>Total</b>
<b>Accounts Payables:</b>	130	\$910,317.36
<b>Customer Refunds</b>	5	\$4,690.05
<b>Total:</b>	135	\$915,007.41
<b>Bank Drafts</b>		
<b>Payroll Liabilities:</b>	14	\$423,181.36
<b>Debt Service:</b>		0.00
<b>Bank &amp; Credit Card Fees:</b>	3	\$24,468.50
<b>Total:</b>	17	\$447,649.86
<b>Grand Total:</b>	152	\$1,362,657.27



# AGENDA REPORT



*Service, Quality, Community*

**DATE:** October 22, 2024  
**TO:** Board of Commissioners  
**FROM:** Reginald A. Lamson, General Manager  
**PREPARED BY:** Danny Ent, Water Superintendent  
**RE:** **Authorize Purchase of Case 580EV Backhoe**

**Background**

The sales representative from Sonsray Machinery recently contacted DWP staff about the California Core program that is offering a \$290,000.00 rebate towards the purchase of an Electric Backhoe.

Case Construction (Case) is currently the only Manufacturer with a fully electric backhoe. Adding this piece of equipment to the DWP fleet would contribute towards the State of California’s requirement for 10% of fleet vehicles (California Air Resources Board – Milestone Group 3 - specialty, off-road vehicles, i.e. backhoe) to be zero-emissions vehicles (ZEV) by 2030.

The purchase of a Backhoe was not budgeted for FY2025, but the opportunity to receive the rebate and the availability of the Backhoe has prompted staff to seek the opportunity to add an electric vehicle to the fleet at a relatively low cost.

It was requested by the Board at the September 24, 2024 board meeting that staff attend the demo of the backhoe to determine if it is comparable to the diesel version. Staff were able to spend some time operating the backhoe and determined that it would fit the needs of the DWP.

The CORE rebate application has been submitted. We are currently in the second round of funding which would be the beginning of 2025, but there is a possibility that we could receive it earlier if anyone drops out of the first round.

Sonsray Machinery provided the attached quote, and it is summarized below:

Sonsray Machinery	\$356,757.19
California Core rebate	<u>(\$290,000.00)</u>
Total	<u>\$66,757.19</u>

### **Financial Impact**

The Board did not Budget for the purchase of a Backhoe in the FY2025 budget. If approved, funds in the amount of \$66,757.19 will be appropriated for the purchase of this equipment.

### **Recommendation**

Authorize the purchase of a Case 580EV backhoe with charger in the amount of \$66,757.19 from Sonsray Machinery. Purchase is contingent upon DWP being approved for the \$290,000.00 rebate through the California Core program.



Backhoe Purchase  
October 22, 2024  
Page 2 of 2





10062 Live Oak Ave. · Fontana · CA · 92335 TEL: (909) 355-1075  
[www.SonsrayMachinery.com](http://www.SonsrayMachinery.com)

Ship To: CITY OF BIG BEAR/WATER & POWER  
P.O. BOX 1929  
BIG BEAR LAKE CA 92315  
Invoice To: CITY OF BIG BEAR/WATER & POWER  
P.O. BOX 1929  
BIG BEAR LAKE CA 92315

Fontana  
September 19, 2024  
BP0005753  
ktaylor-0494  
909-866-5050  
Purchase Order:

Sales Person: Kent Taylor

Attention: DANNY ENT

**EQUIPMENT QUOTE/SALES ORDER**

2025 CASE 580EV	Serial #: Factory Order Stock #: Quotation# 701964451	\$310,707.60
-----------------	--	--------------

SOURCEWELL CONTRACT# 011723 Contract Period: 04/04/2023 - 04/14/2027 Big Bear Municipal Water District Account # 51766 Big Bear Lake, California

- CNH Specified discount off List Price/MSRP plus freight, setup, and local delivery. Also surcharge but this must be placed on a separate line item. These discounts are not allowed with wholesale and/or retail discount(s). LIST PRICE \$443,868 - LESS SOURCEWELL DISCOUNT 30% = SALE PRICE \$310,707.60  
NEW CASE 580EV ELECTRIC 4WD / 2-DOOR PREMIUM CAB W/HVAC / 8" TOUCHSCREEN /PREMIUM HEATED SEAT / COMFORT STEER / WORK MODE & SENSITIVITY SETTINGS / 4-CORNER MULTI-COLORED STROBES / 4WD WITH POWERDRIVE TRANSMISSION / LOADER AUX HYDRAULICS / BACKHOE COMBO AUX HYDRAULICS / BACKHOE HYDRAULIC COUPLER / 24" BACKHOE BUCKET / 82" 4x1 BKT W/CUTTING EDGE / CASE SITEWATCH ( WITH 2-WAY COMMUNICATIONS)

\*\*\* THE MACHINE QUOTED IS SUBJECT TO AVAILABILITY \*\*\*  
\*\*\*\* THE INTEREST RATE QUOTED IS BASED ON CURRENT RATES. INTEREST RATE IS SUBJECT TO CHANGE, BASED ON THE FINANCIAL INSTITUTION \*\*\*\*  
\*\*\*Quote Expires 8/31/2024 \*\*\*Financing Available on Approved Credit (OAC) \*\*\*Unit Based on Availability  
\*\*\* QUOTED PRICE IS NOT GUARANTEED, AND SUBJECT TO MANUFACTURER'S PRICE INCREASES, INCLUDING ANY ADDITIONAL SURCHARGES \*\*\*

SONSRAY SIGNATURE SERVICE – A commitment to providing excellent service and care when you purchase a new piece of equipment from Sonsray Machinery.

\*\* NEW CASE FACTORY WARRANTY TO APPLY 1 YEAR WITH UNLIMITED HOURS \* DRIVETRAIN WARRANTY 2 YEARS / 2,000 HOURS \* BATTERY & EV COMPONENTS 3 YEARS/3000 HOURS.

\*ADDITIONAL PURCHASE PROTECTION PLAN EXTENDED WARRANTIES have been add to this quote

\*\* DC-D25-CCS240 DC FAST CHARGER IS AVAILABLE 0 to 100% in 2.8 hours (Professional installation is required) SEE SPEC SHEET FOR MORE INFO. \$17,994.11 + TAX

PPP-Premier 60/4000 (\$0 Deductible) EW240816-00241	\$7,500.00
SMART -AC LEVEL2 CHARGER L2-L180 0%TO100% 5-HOURS (hard wire Professional install required )	\$5,272.50
FACTORY FREIGHT	\$4,200.00
PDI/WASH	\$3,950.00

**NOTICE TO PURCHASER**

Caution. Do not sign this contract before you thoroughly read both pages 1 and 2 of it or if it contains blank spaces, even if otherwise advised.

You are entitled to an exact and completely filled in copy of this Sales Order when you sign it. Keep it to protect your legal rights.

Store Manager signature required for final acceptance of Sales Order.

**THIS AGREEMENT IS SUBJECT TO THE ADDITIONAL TERMS AND CONDITIONS ON THE REVERSE SIDE. CUSTOMER HAS HAD THE OPPORTUNITY TO READ THE TERMS OF THIS AGREEMENT PRIOR TO SIGNING.**

Purchaser's Signature \_\_\_\_\_ Sales Consultant \_\_\_\_\_ Date \_\_\_\_\_  
Print Name \_\_\_\_\_ Date \_\_\_\_\_ Accepted By \_\_\_\_\_ Date \_\_\_\_\_

Quoted Price	\$331,630.10
Sales Tax 7.75%	\$25,120.09
CA Tire Tax	\$ 7.00
Cash Due or Finance Amount	\$356,757.19

1. This is a cash transaction. If the Purchaser so requests prior to acceptance, the Cash Due on Delivery may be financed as a time sale transaction, subject to credit approval. If this transaction becomes a time sale, Purchaser agrees (1) to make payments pursuant to the Sonsray Machinery Accounts Receivable System Agreement, which is incorporated into this Purchase Order by reference, and (2) that Seller retains a security interest in the goods described herein until all obligations of Purchaser are paid in full and discharged.
2. When trade-in equipment is not to be delivered to the Seller until delivery of the equipment purchased by this order, the trade-in equipment may be reappraised at that time and such reappraisal value shall determine the allowance made for such trade-in equipment. When the reappraised value is less than the original trade-in allowance shown on this form, the purchaser may terminate this order; however, this right of termination must be exercised prior to delivery of the equipment by Seller and surrender of the trade-in equipment to Seller.
3. The prices which Purchaser will pay for the new equipment set forth on the reverse side hereof shall be based upon the Case dealer price in effect on date of delivery of the new equipment. In the event Case dealer's price is changed prior to delivery, the purchase price shall be adjusted accordingly. If such price change results in an increase, purchaser has the option of canceling the order in writing immediately on being notified thereof.
4. The Seller shall be excused if delivery is delayed or rendered impossible by differences with workmen, strikes, work stoppages, car shortages, delays in transportation, inability to obtain labor or materials and also by any cause beyond the reasonable control of Seller, including but not restricted to acts of God, floods, fire, storms, acts of civil and military authorities, war and insurrections.
5. Purchaser shall keep the property free of all liens, taxes, encumbrances and seizure or levy, shall not use same illegally, shall not damage, abuse, misuse, abandon or lose said property, shall not part with possession thereof, whether voluntarily or involuntarily or transfer any interest therein or remove same out of the county or filing district in which Purchaser resides as indicated herein without the prior written consent of Seller, shall keep said property insured in such amounts and with such insurer as may be acceptable to Seller with any loss payable to Seller as his interest in the property may appear.
6. Time is of the essence of this contract and if purchaser fails to comply with any of the terms and conditions hereof or defaults in the payment of any installment hereunder or under any renewal or renewals hereof, or in the payment of interest or defaults in the payment of any installment due under any other indebtedness of contract held by the Seller or Assignee, or if proceedings are instituted against Purchaser under any bankruptcy or insolvency law or Purchaser makes an assignment for the benefit of creditors or if for any reason the Seller deems himself insecure and so declares all payments heretofore made by Purchaser shall be retained by the seller and all indebtedness hereunder shall become immediately due and payable, with or without notice, together with all expenses of collection by suit or otherwise, including reasonable attorney fees and Seller may, without notice or demand, take possession of the equipment set forth on the reverse hereof, or any additions to, replacements of, or any proceeds from said equipment or may render the property unusable or Seller may require Purchaser to assemble the property and make it available at a place designated by Seller. Seller may resell the retaken property at public or private Sale in accordance with the Uniform Commercial Code or applicable state or provincial law. After deducting reasonable expenses for retaking, repairing, holding, preparing for sale, other selling expenses including attorney fees and legal expenses, the remaining proceeds of Sale shall be credited upon the amount of indebtedness remaining unpaid hereunder, and Purchaser agrees to pay any deficiency upon demand by Seller, any surplus, however, shall be paid to Purchaser. Said retaking or repossession shall not be deemed rescission of the contract. Seller may exercise any other rights and remedies provided by applicable law.
7. No waivers or modifications hereof shall be valid unless written upon or attached to this contract. Waiver or conditions of any breach or default hereunder shall not constitute a waiver of any other or subsequent breach or default. Payments received by Seller are to be applied first to delinquent interest and then to principal.
8. The remedies provided for herein are not exclusive and any action to enforce payment shall not waive or affect any of the holder's rights to have recourse to the property. The transfer of this contract shall operate to pass a security interest in the property as security for the payment hereof.
9. Any provision of this contract prohibited by the laws of any state, the United States, any province of Canada, shall be ineffective to the extent of such prohibition without invalidating the remaining portions of the contract.
10. Each maker, endorser, guarantor and surety hereon severally waives presentment, demand protest, and notice of non-payment and all defenses of want of diligence in collection and bringing suit. This contract shall be binding upon and shall insure to the benefit of the parties hereto and their respective heirs, personal representative, successors, and signs.
11. Buyer authorizes Seller to insert the Serial and/or model numbers of the goods set forth on the reverse side hereof for the purposes of identifying said goods. The seller may correct patent errors herein.

# AGENDA REPORT



*Service, Quality, Community*

**DATE:** October 22, 2024

**TO:** Board of Commissioners

**FROM:** Reginald A. Lamson, General Manager

**RE:** **Agreement with Motive Energy for the Garstin Water Operations Facilities Project – Solar and Backup Generator**

**Background:**

The Garstin Water Operations Facilities Project includes solar panels and a diesel backup generator that will provide power for the new Garstin facilities, Lake Plant Well No.5 Pumping Plant, and Lake Plant Well No. 6 Pumping Plant.

Motive Energy provided the attached proposal based on the annual energy demand for the proposed Garstin Water Operations Facilities and the two well pumping plants. The proposed solar system will include 368 solar panels, which will be mounted on the operations building and parking structure, an automatic transfer switch, 1,000A electrical service, and diesel generator. The estimated payback period is 11.4 years and the electric bill savings over the 30-year project life are estimated at \$5,062,631. The estimated net total cash flow over the 30-year life of the project is \$3,705,435. The typical lifespan of solar panels is greater than 30 years.

With the passage of the Inflation Reduction Act (IRA) the long-standing Investment Tax Credit (ITC) program for solar projects was modified. Now municipalities and nonprofit organizations can apply for a 30% rebate via the ITC program. Motive Energy evaluated the requirements for the ITC's 40% rebate and DWP qualifies for the solar portion of the project. The net cost of the Garstin solar system will be \$760,662 after the 40% rebate (Upfront payment of \$1,267,770 less \$507,108 rebate).

The net cost of the Garstin Solar System, standby generator, electrical switch gear, conduits, and conductors will be \$1,292,565 after the \$507,108 rebate. The current Garstin Solar System saves about \$25,000 per year. The proposed Garstin Solar System will save an estimated \$98,854.

**Financial Impact:**

If approved, funds in the amount of \$1,889,657 will be appropriated for these services.

**Recommendation:**

Award an agreement with Motive Energy for the Garstin Solar and Backup Generator Project for \$1,799,673, and budget internally \$89,984 for a 5% contingency for a total amount of \$1,889,657.



SOLAR, BATTERY BACK-UP, AND EV CHARGER SOLUTIONS



# Department of Water



- Pricing includes a Generac SD400 - 400 kW diesel generator with ~24 hour backup capability.
- Pricing includes 1000A 480/277V 3Ph main electrical switchgear(30KAIC NEMA 3R), It excludes any upstream electrical equipment including transformer and downstream electrical equipment including any subpanels & associated breakers.
  - Pricing assumes single POI interconnect at 277/480V 3Ph.
  - Trenching, conductors and conduit for LP5 and LP6 are included in price.
- PV O&M cost for the first year is \$4,765 which is excluded from the proposal. Estimated annual price escalation shall be 4%.
  - Steel Racking is TAA (Trade Agreement Act) and BAA (Buy American Act) compliant.
  - Total consumption is assumed to be combined into one rate schedule (A-3).
- kWh usage data for LP5 and LP6 have been estimated using a 12-hour daily operation schedule, taking into account averages of the kW values from pump efficiency reports.
  - Permit costs/AHJ fees are excluded and would be a pass-through.
- Proposal assumes 30%Investment Tax Credit doesn't apply to backup Diesel Generator.
- Proposal assumes the Energy Community Tax Credit 10% Bonus; customer will be required to apply for Bonus Credit Program.

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# 1 Project Summary

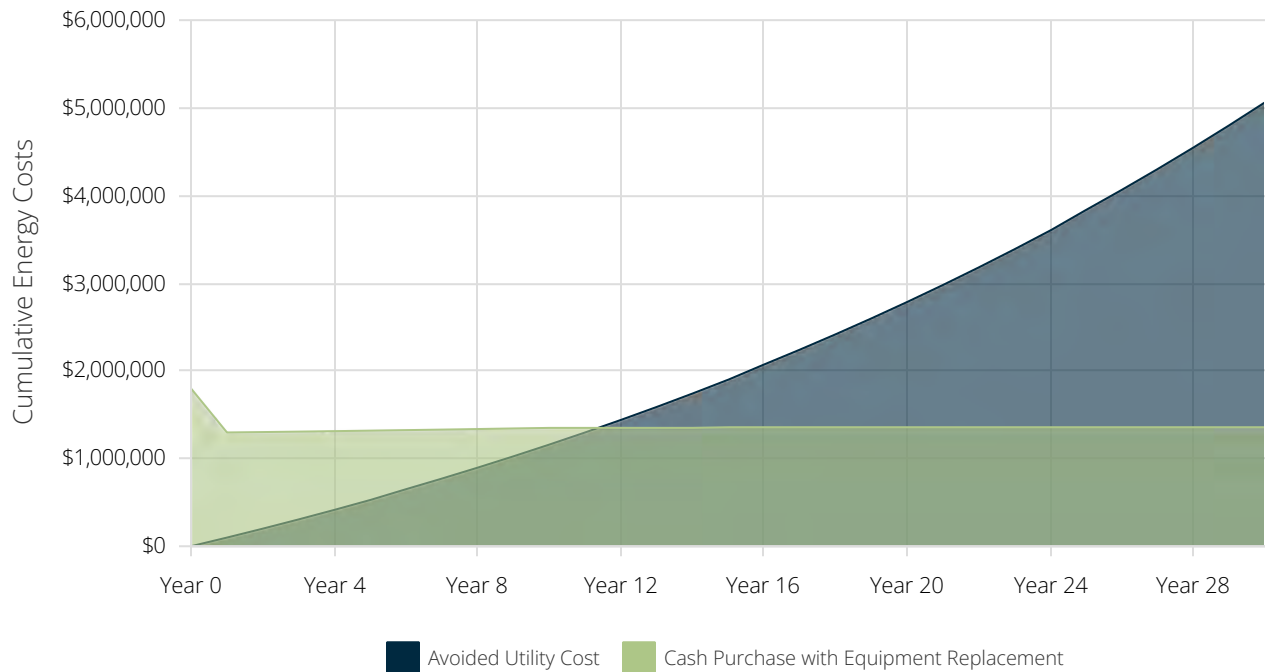
Payment Options	Cash Purchase with Equipment Replacement
IRR - Term	9.3%
LCOE PV Generation	\$0.123 /kWh
Net Present Value	\$933,122
Payback Period	11.4 Years
Total Payments	\$1,799,673
Total Incentives	\$507,108
Net Payments	\$1,292,565
Electric Bill Savings - Term	\$5,062,631
Upfront Payment	\$1,267,770

### Combined Solar PV Rating

Power Rating: 202,400 W-DC

Power Rating: 179,029 W-AC-CEC

**Cumulative Energy Costs By Payment Option**



## 2.1.1 PV System Details

### General Information

Facility: Combined Office + Wells (interval)  
 Address: 41972 Garstin Dr Big Bear Lake CA 92315

### Solar PV System Rating

Power Rating: 202,400 W-DC  
 Power Rating: 179,029 W-AC-CEC

### Solar PV Equipment Description

Solar Panels: (368) Thornova Solar TS-BG72(550)  
 Inverters: (1) SolarEdge SE80KUS, (1) SolarEdge SE120K

### Energy Consumption Mix

Annual Energy Use: 341,052 kWh

### Solar PV Equipment Typical Lifespan

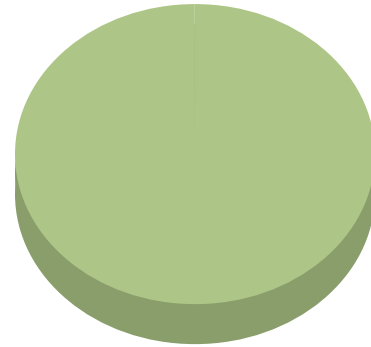
Solar Panels: Greater than 30 Years  
 Inverters: 15 Years

### Solar PV System Cost and Incentives

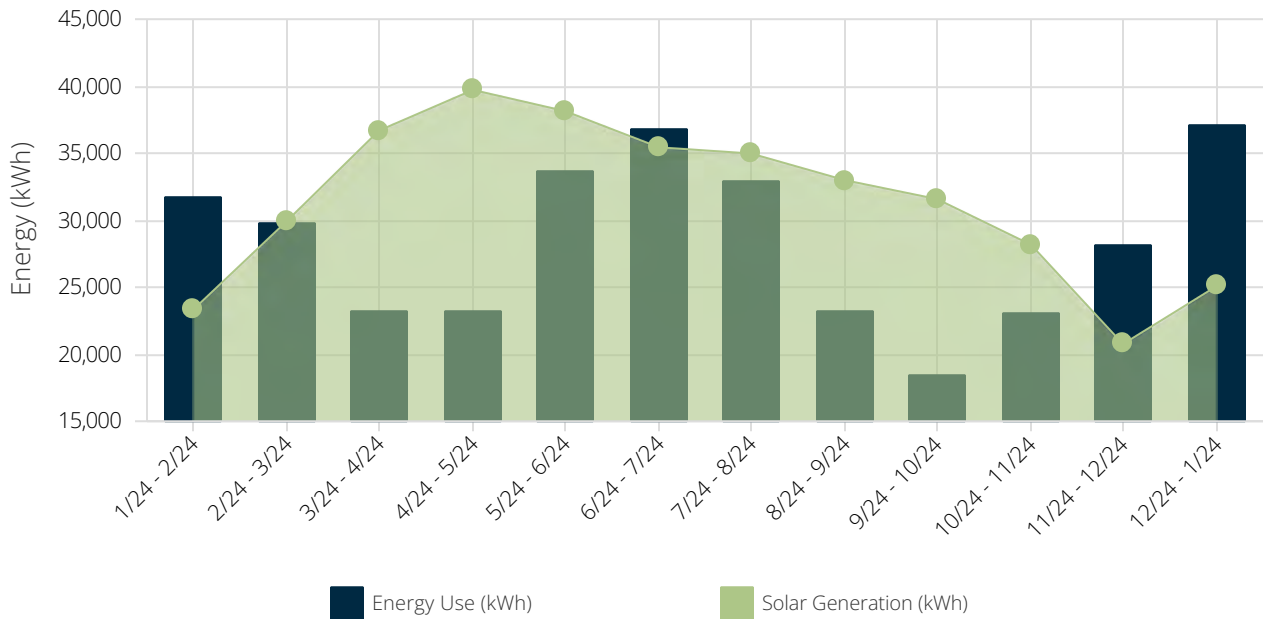
Solar PV System Cost \$1,267,770

Direct Pay ITC **-\$507,108**

**Net Solar PV System Cost \$760,662**



Monthly Energy Use vs Solar Generation



Prepared By: Shiv Desai

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 Motive Energy Storage Systems, Inc., CSLB# 1089117

## 2.1.2 Rebates and Incentives

This section summarizes all incentives available for this project. The actual rebate and incentive amounts for this project are shown in each example.

### **Direct Pay, Investment Tax Credit (ITC) - 30% (with Adders)**

The Inflation Reduction Act (IRA) of 2022 contains a "direct pay" provision that enables certain tax-exempt customers, including state and local government, to receive a direct cash payment in lieu of an investment tax credit (ITC). Entities that qualify for direct pay are eligible to receive a 30% direct payment, assuming they meet the IRA established prevailing wage and apprenticeship requirements in order to qualify for the full 30% "increased rate", rather than a 6% "base rate". The IRA states that direct pay is only available for entities, including: an entity exempt from the tax, any State government (or political subdivision thereof), the Tennessee Valley Authority, an Indian tribal government, an Alaska Native Corporation, any corporation operating on a cooperative basis which is engaged in furnishing electric energy to persons in rural areas. These entities may take direct pay for solar and storage in the ITC and PTC as well as the ITC/PTC when tech neutral starts after 2025. In addition to the 30% ITC, the IRA establishes three different types of ITC "Adders", which provide additional tax credits of up to 10% each, for projects that meet specified requirements. (1) Energy Community, projects sited in an "energy community", which includes brownfield sites, census tracts where a coal mine closed after 1999 or a coal-fired power plant was retired after 2009, or areas where 25% of local tax revenues are related to the extraction, processing or storage of coal, oil, or natural gas at any time beginning in 2010. (2) Low-income, projects located in a qualified "low-income community", which is defined as a census tract with a poverty rate of at least 20%, as well as a census tract where the median family income (MFI) is 80% or less of statewide MFI, or on "Indian land", which is defined as land located within the boundaries of an Indian reservation or lands held by a tribe. (3) Domestic Content, for projects that meet specified domestic content requirements which will be set by Treasury, including 100% steel/iron for manufactured products with a 40% requirement through 2024 followed by 45% in 2025, 50% in 2026, and 55% in 2027 and beyond. Manufactured content is further explained: the products which are components of a qualified facility upon completion will be deemed to have been produced in the United States if the adjusted percentage of the total costs of all such manufactured products of the facility are attributable to manufactured products which are mined, produced, or manufactured in the United States.

Total Incentive Value: \$507,108



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Motive Energy Storage Systems, Inc., CSLB# 1089117

## 2.1.3 Utility Rates

The table below shows the rates associate with your current utility rate schedule (A-3 - 3/15/2023). Your estimated electric bills after solar are shown on the following page.

Customer Charges				Energy Charges				Demand Charges			
Season	Charge Type	Rate Type	A-3 - 3/15/2023	Season	Charge Type	Rate Type	A-3 - 3/15/2023	Season	Charge Type	Rate Type	A-3 - 3/15/2023
W	Flat Rate	per day	\$6.60	W	T < 657.5 kw	Import	\$0.26946	W	Flat Rate	Import	\$9.00
S	Flat Rate	per day	\$6.60	W	657.5 kw < T	Import	\$0.31869	S	Flat Rate	Import	\$9.00
				S	T < 657.5 kw	Import	\$0.26946				
				S	657.5 kw < T	Import	\$0.31869				

## 2.1.4 Current Electric Bill

The table below shows your annual electricity costs based on the most current utility rates and your previous 12 months of electrical usage.

### Rate Schedule: BVES - A-3 - 3/15/2023

Time Periods	Energy Use (kWh)	Max Demand (kW)	Charges			
			Other	Energy	Demand	Total
Bill Ranges & Seasons	Total	NC / Max				
1/24/2022 - 2/24/2022 W	31,670	86	\$205	\$9,089	\$774	\$10,068
2/24/2022 - 3/24/2022 W	29,707	93	\$185	\$8,561	\$837	\$9,583
3/24/2022 - 4/24/2022 W	23,169	66	\$205	\$6,380	\$594	\$7,179
4/24/2022 - 5/24/2022 W / S	23,247	72	\$198	\$6,438	\$640	\$7,275
5/24/2022 - 6/24/2022 S	33,620	103	\$205	\$9,711	\$927	\$10,843
6/24/2022 - 7/24/2022 S	36,862	116	\$198	\$10,776	\$1,044	\$12,018
7/24/2022 - 8/24/2022 S	32,850	96	\$205	\$9,466	\$864	\$10,534
8/24/2022 - 9/24/2022 S	23,140	72	\$205	\$6,371	\$648	\$7,224
9/24/2022 - 10/24/2022 S	18,377	60	\$198	\$4,952	\$540	\$5,690
10/24/2022 - 11/24/2022 S / W	23,128	72	\$205	\$6,367	\$636	\$7,208
11/24/2022 - 12/24/2022 W	28,160	76	\$198	\$8,003	\$684	\$8,885
12/24/2022 - 1/24/2023 W	37,122	98	\$205	\$10,827	\$882	\$11,914
Total	341,052	-	\$2,409	\$96,942	\$9,070	\$108,421



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Motive Energy Storage Systems, Inc., CSLB# 1089117

## 2.1.5 New Electric Bill

**Rate Schedule:** BVES - A-3 - 3/15/2023

Time Periods Bill Ranges & Seasons	Energy Use (kWh)	Max Demand (kW)	Charges			
	Total	NC / Max	Other	Energy	Demand	Total
1/24/2022 - 2/24/2022 W	8,360	74	\$205	\$2,253	\$666	\$3,123
2/24/2022 - 3/24/2022 W	-237	76	\$185	\$64	\$684	\$805
3/24/2022 - 4/24/2022 W	-13,517	44	\$205	\$3,642	\$396	\$3,042
4/24/2022 - 5/24/2022 W / S	-16,473	40	\$198	\$4,439	\$360	\$3,881
5/24/2022 - 6/24/2022 S	-4,522	76	\$205	\$1,218	\$684	\$330
6/24/2022 - 7/24/2022 S	1,425	81	\$198	\$384	\$729	\$1,311
7/24/2022 - 8/24/2022 S	-2,127	65	\$205	\$573	\$585	\$216
8/24/2022 - 9/24/2022 S	-9,846	53	\$205	\$2,653	\$477	\$1,971
9/24/2022 - 10/24/2022 S	-13,200	47	\$198	\$3,557	\$423	\$2,936
10/24/2022 - 11/24/2022 S / W	-5,041	71	\$205	\$1,358	\$567	\$587
11/24/2022 - 12/24/2022 W	7,402	74	\$198	\$1,995	\$666	\$2,859
12/24/2022 - 1/24/2023 W	12,025	93	\$205	\$3,240	\$837	\$4,282
<b>Total</b>	<b>-35,751</b>	-	\$2,409	\$84	\$7,074	\$9,567

**Annual Electricity Savings: \$98,854**



**Prepared By:** Shiv Desai

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Motive Energy Storage Systems, Inc., CSLB# 1089117

## 3.1 Cash Purchase with Equipment Replacement

### Assumptions and Key Financial Metrics

IRR - Term	9.3%	Net Present Value	\$933,122	Payback Period	11.4 Years
ROI	205.9%	PV Degradation Rate	0.50%	Discount Rate	5.0%
Energy Cost Escalation Rate	4.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$1,799,673				

Years	Project Costs	Inverter Replacement	Solar Production Monitoring Services	Electric Bill Savings	Direct Pay ITC	Total Cash Flow	Cumulative Cash Flow
Upfront	-\$1,799,673	-	-	-	-	-\$1,799,673	-\$1,799,673
1	-	-	-\$4,765	\$98,854	\$507,108	\$601,197	-\$1,198,476
2	-	-	-\$4,956	\$102,294	-	\$97,338	-\$1,101,138
3	-	-	-\$5,154	\$105,851	-	\$100,697	-\$1,000,440
4	-	-	-\$5,360	\$109,529	-	\$104,169	-\$896,271
5	-	-	-\$5,574	\$113,332	-	\$107,758	-\$788,513
6	-	-	-\$5,797	\$117,264	-	\$111,467	-\$677,046
7	-	-	-\$6,029	\$121,329	-	\$115,300	-\$561,746
8	-	-	-\$6,270	\$125,532	-	\$119,262	-\$442,484
9	-	-	-\$6,521	\$129,877	-	\$123,356	-\$319,129
10	-	-	-\$6,782	\$134,369	-	\$127,586	-\$191,542
11	-	-	-	\$139,012	-	\$139,012	-\$52,531
12	-	-	-	\$143,811	-	\$143,811	\$91,280
13	-	-	-	\$148,772	-	\$148,772	\$240,053
14	-	-	-	\$153,900	-	\$153,900	\$393,953
15	-	-\$7,422	-	\$159,200	-	\$151,778	\$545,731
16	-	-	-	\$164,678	-	\$164,678	\$710,409
17	-	-	-	\$170,339	-	\$170,339	\$880,749
18	-	-	-	\$176,190	-	\$176,190	\$1,056,939
19	-	-	-	\$182,237	-	\$182,237	\$1,239,176
20	-	-	-	\$188,485	-	\$188,485	\$1,427,660
21	-	-	-	\$194,941	-	\$194,941	\$1,622,601
22	-	-	-	\$201,612	-	\$201,612	\$1,824,214
23	-	-	-	\$208,506	-	\$208,506	\$2,032,719
24	-	-	-	\$215,627	-	\$215,627	\$2,248,347
25	-	-	-	\$222,986	-	\$222,986	\$2,471,332
26	-	-	-	\$230,587	-	\$230,587	\$2,701,920
27	-	-	-	\$238,441	-	\$238,441	\$2,940,360
28	-	-	-	\$246,553	-	\$246,553	\$3,186,913
29	-	-	-	\$254,933	-	\$254,933	\$3,441,846
30	-	-	-	\$263,589	-	\$263,589	\$3,705,435
Totals:	-\$1,799,673	-\$7,422	-\$57,209	\$5,062,631	\$507,108	\$3,705,435	-



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Motive Energy Storage Systems, Inc., CSLB# 1089117

## 4 Assumptions and Exclusions

### Assumptions

- Proposal is valid for 15 days only.
- Solar Panels: 30-year linear performance warranty, and 12-year product warranty
- Li-Ion Battery Modules - 5 years
- Power Conversion System: 3-years
- Inverters: 12-years
- Solar Racking System: 25-years
- Switchgear: 10-years
- Workmanship: One year warranty for the construction of the system
- Workmanship: 10-year warranty when O&M Agreement Fully Executed
- Interconnection work/outages will be scheduled during normal business hours
- Building department and utility inspections will be scheduled during normal business hours
- Pricing assumes the contractor's employees will have free and clear access to all array locations simultaneously during business hours (M-F 0700-1700)
- The contractor will provide electrical drawings stamped by a licensed California Registered Electrical Professional Engineer
- Monitoring pricing based on availability of Cat 5 landline provided outside of building firewall. If no landline is available pricing will be subject to increase.
- The System & installation will meet all requirements for interconnection with appropriate documentation. The contractor will be responsible for providing all documentation.
- System layout is acceptable to AHJ in terms of clearances
- Single mobilization and completion of project in one phase
- As built plans are available for engineering reference
- The contractor is not responsible for superficial marking of parking deck due to use of equipment
- On-site staging areas are available for storage of equipment and materials
- No special safety requirements beyond the contractor's standard safety regulations will be enforced
- 7.49° tilt maximum on carports
- 10' clear height maximum on carports except with a change order
- All modules to be installed in portrait orientation
- Pricing includes hot dip galvanizing of all bare steel columns & beams
- Pricing includes NEMA 3R electrical equipment
- Module pricing is based on current market value. Price is subject to adjustment based on market conditions at time of contract.
- Ground penetrating radar (GPR) is accurate down to a depth of 3'-4'. There may be underground utilities below this level that are untraceable with GPR that would require the use of an underground camera to be located at additional cost.
- Pricing assumes the structure can support the additional loads of the PV array system as well as the required erection equipment
- Pricing is subject to change until site walk and validation of site conditions
- Pricing is based on non-union Prevailing wage rates
- Tax rate is assuming customer has filled the CA tax exemption form.



**Prepared By:** Shiv Desai

**P:** (910) 977-7262, **E:** sdesai@motiveenergy.com  
Motive Energy Storage Systems, Inc., CSLB# 1089117

## Exclusions

- UL recertification of existing electrical equipment beyond our scope of work
- Repairs of any electrical code violations at the existing facility
- Removal and/or disposal of hazardous materials
- Arc flash or breaker coordination studies
- 3rd party (private) locating services
- Pedestrian & vehicle traffic control
- Re-creation of building plan sets
- Union project labor agreements
- Lightning protection systems
- Revenue grade metering
- ADA design/compliance
- ADA compliance improvements/work
- Sprinklers & gutters
- Inverter enclosures
- Phasing
- Bonding
- CAISO study or approval costs
- Rock drilling
- De-watering, and/or caissons for collapsible soils



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**Prepared By:** Shiv Desai

**P:** (910) 977-7262, **E:** sdesai@motiveenergy.com  
Motive Energy Storage Systems, Inc., CSLB# 1089117

# AGENDA REPORT



*Service, Quality,  
Community*

**DATE:** October 22, 2024  
**TO:** Board of Commissioners  
**FROM:** Reginald A. Lamson, General Manager  
**PREPARED BY:** Sam Armstrong, Board Secretary  
**RE:** **Resolution No. DWP 2024-18 – Appointment of the Board Secretary**

## **Background**

Per DWP Policy No. 2008-01, and to comply with the Municipal Code, it is necessary to elect to elect or appoint the Secretary to the Board.

On February 27, 2018, the Board adopted Resolution 2018-01, appointing the Board Secretary/Administrative Analyst to serve as the Board Secretary. The title of this position has been revised to Management Analyst/Board Secretary.

## **Financial Impact**

None.

## **Recommendation**

Staff recommend the Board adopt Resolution No. DWP 2024-18, appointing the Management Analyst/Board Secretary position to serve as the Board Secretary.

**RESOLUTION NO. DWP 2024-18**

**A RESOLUTION OF THE BOARD OF WATER AND POWER COMMISSIONERS  
OF THE CITY OF BIG BEAR LAKE, DEPARTMENT OF WATER AND POWER,  
COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA,  
APPOINTING THE MANAGEMENT ANALYST/BOARD  
SECRETARY TO SERVE AS THE SECRETARY TO THE  
BOARD**

WHEREAS, the City of Big Bear Lake was incorporated on November 28, 1980; and

WHEREAS, the City of Big Bear Lake did adopt its Charter in 1982; and

WHEREAS, the electors of the City did in 1985 adopt an amendment to that Charter which created the City of Big Bear Lake, Department of Water and Power (DWP); and

WHEREAS, the Board of Commissioners (the Board) is empowered by the Charter Amendment to adopt wages, benefits, and policies for the DWP employees' conditions of employment; and

WHEREAS, the job title of Board Secretary/Administrative Analyst has been revised to Management Analyst/Board Secretary;

NOW, THEREFORE BE IT RESOLVED that the Board of Water and Power Commissioners of the City of Big Bear Lake, Department of Water and Power does hereby adopt Resolution No. DWP 2024-18, appointing the Management Analyst/Board Secretary to serve as the Secretary to the Board.

PASSED, APPROVED, and ADOPTED this 22<sup>nd</sup> day of October, 2024.

AYES:

NOES:

ABSTAIN:

ABSENT:

\_\_\_\_\_  
Bob Tarras, Chairman  
DWP Board of Commissioners

ATTEST:

\_\_\_\_\_  
Sam Armstrong, Secretary to the  
DWP Board of Commissioners

# AGENDA REPORT



*Service, Quality, Community*

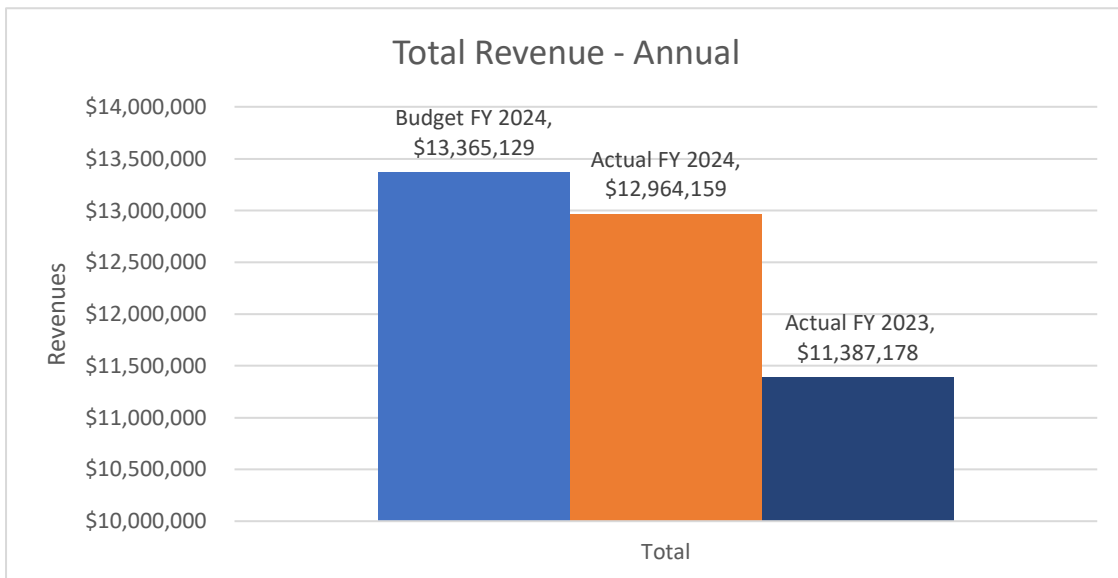
**DATE:** October 22, 2024  
**TO:** Board of Commissioners  
**FROM:** Reginald A. Lamson, General Manager  
**PREPARED BY:** Nathan Statham, Chief Financial Officer  
**RE:** **June 30, 2024, Financial Analysis (Unaudited)**

**Background**

The FY 2024 financial statement audit is ongoing. This report is for the year ended June 30, 2024, and presents annual financial data for fiscal year 2024. The numbers presented are not audited but include all financial activity for fiscal year 2024.

**Revenues**

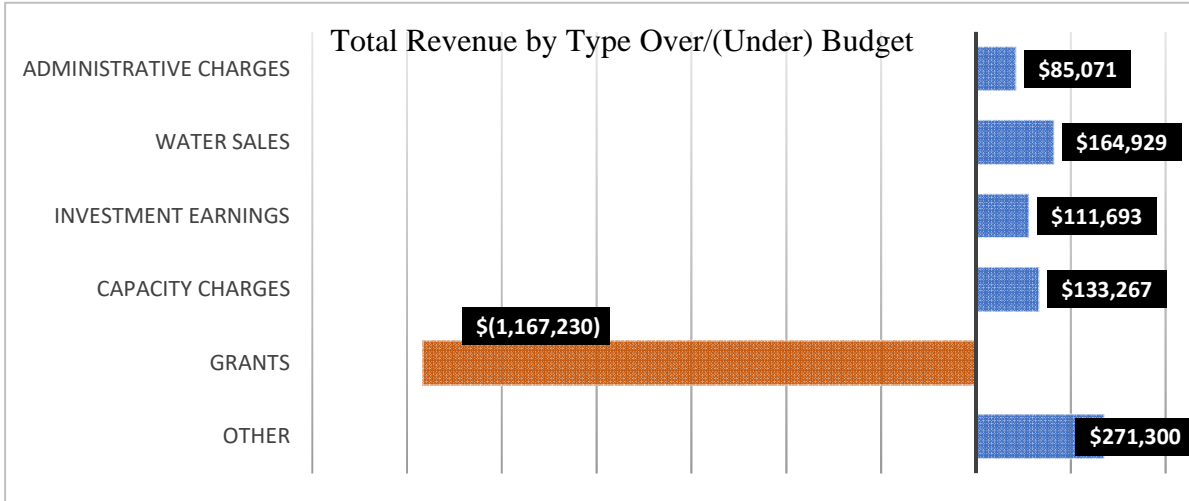
Overall revenues came in \$400,970 lower than expected but were \$1,576,981 higher than FY 2023. Revenues were higher than expected in all operating categories. Capital grant revenues came in under projections by \$1,167,230. The Capital grant differences were related to project timing for the Wolf Pipeline/Reservoir/Booster and Pontel Hydropneumatic Tank projects. Overall grant revenues will be unchanged for the projects. Excluding capital grants, revenues came in \$766,260 over projections as detailed below:



**Q4 FY 2024 Financial Report**

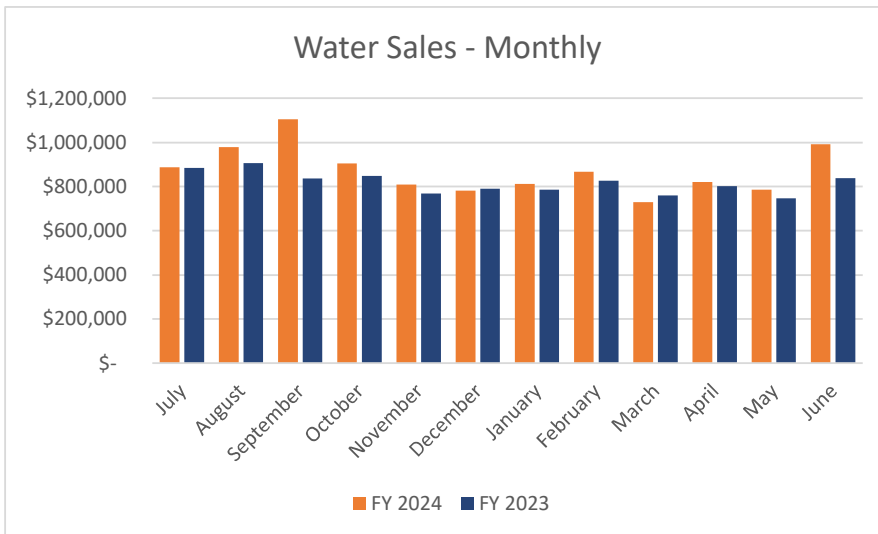
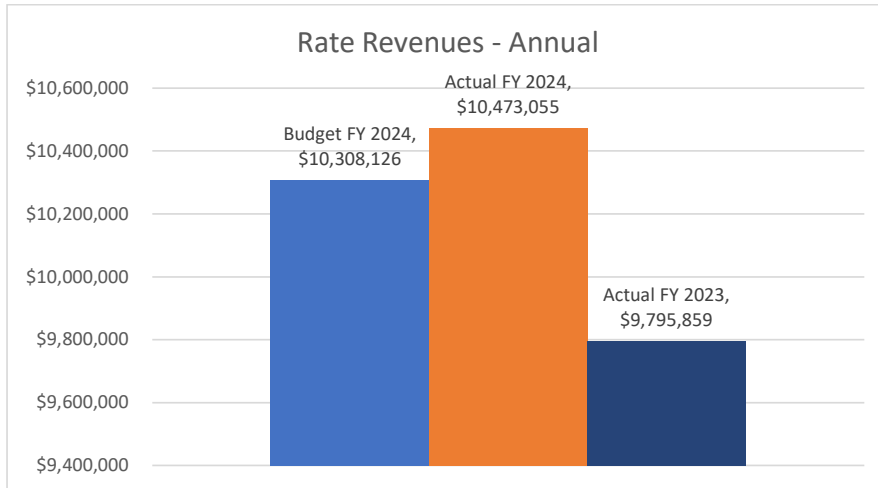
October 22, 2024

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**Water Sale Revenues**

Revenues generated from water customers accounted for \$10,473,055 or 81% of total revenues for FY 2024. Water sale revenues came in over budget (\$164,929 or 1.6%). Water sales revenues were also higher than in FY 2023 (\$677,196 or 6.9%).



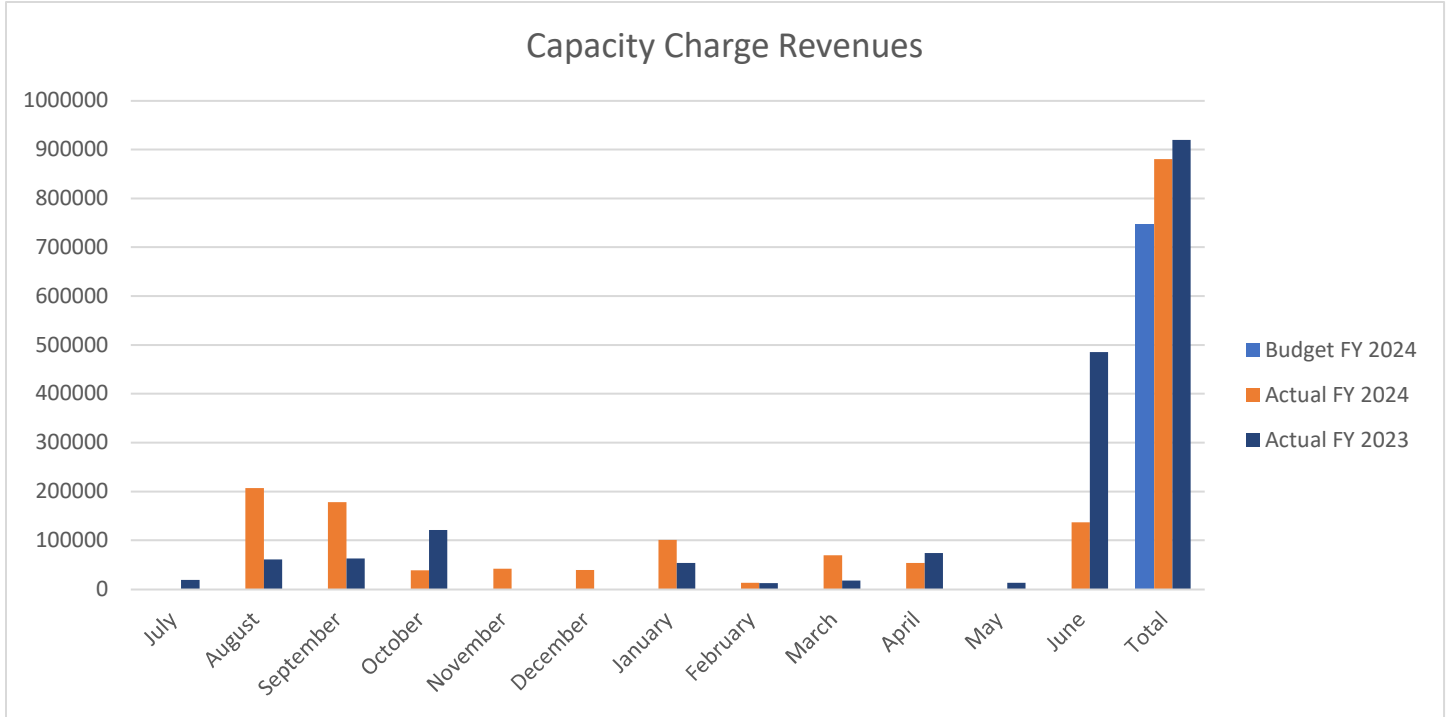
**Q4 FY 2024 Financial Report**

October 22, 2024

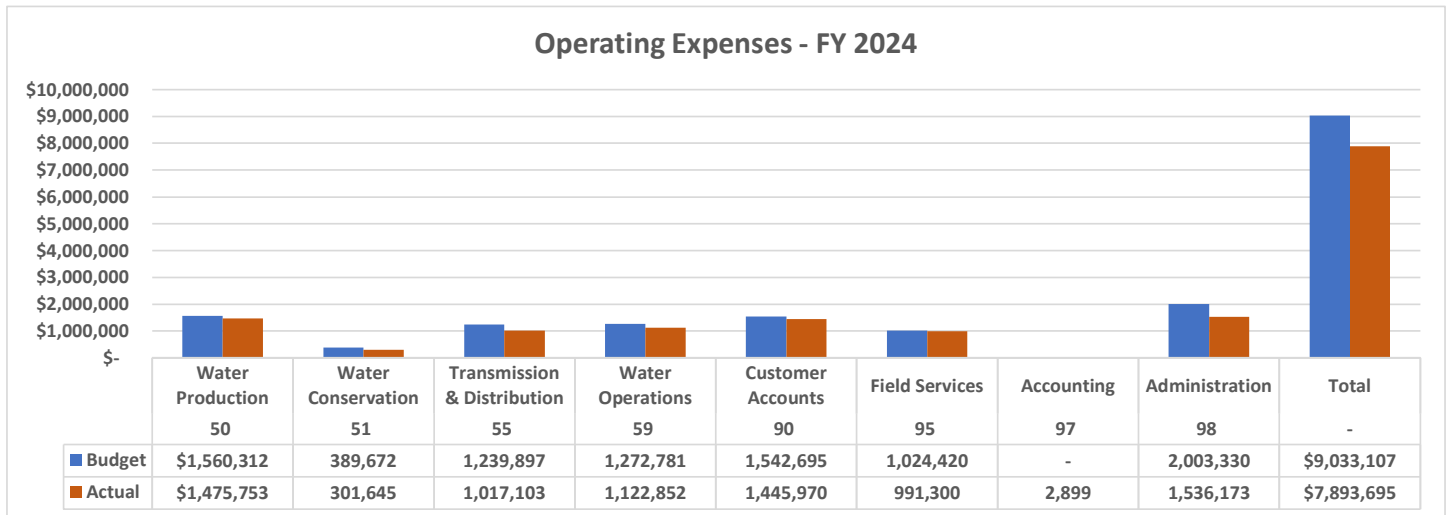
Page 3 of 6

***Capacity Charge Revenues***

Capacity charges came in under FY 2023 levels (\$39,681 or 4.3%) but were higher than budget projections for FY 2024 (\$133,267 or 15.1%). Capacity charges are contingent on new development and the timing of development projects.



**Expenses**



For FY 2024 DWP’s operating expenses came in \$865,401 or 9.6% under budget. Certain budget variances represent permanent differences. These differences result when a budgeted expense is no longer necessary, or an unbudgeted expense has occurred. This results in a surplus or deficit affecting net position. Budget surpluses resulting from permanent differences can be re-budgeted to other needs. More frequently, budget variances are due to the timing of expenses. Often expenses are expected to occur and are budgeted in a given fiscal year, but the expense occurs in the subsequent fiscal year. These variances have no effect on net position.

**Q4 FY 2024 Financial Report**

October 22, 2024

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In FY 2024 DWP had \$274,010 in timing differences that were rolled forward and re-appropriated in FY 2025. These differences are not included in the budget comparison above since they were moved forward rather than not incurred. Below is a breakdown of budget variances for FY 2024 by department:

	Fiscal 2024		Budget Variance			
	Budget	Actual	Permanent	Timing	Total	% Under (over)
50 Water Production	\$ 1,560,312	\$ 1,475,753	\$ 67,139	\$ 17,420	\$ 84,559	6%
51 Water Conservation	389,672	301,645	88,027	-	88,027	29%
55 Transmission & Distribution	1,239,897	1,017,103	164,714	58,080	222,794	22%
59 Water Operations	1,272,781	1,122,852	95,289	54,640	149,929	13%
90 Customer Accounts	1,542,695	1,445,970	86,045	10,680	96,725	7%
95 Field Services	1,024,420	991,300	(9,740)	42,860	33,120	3%
97 Accounting	-	2,899	(2,899)	-	(2,899)	-100%
98 Administration	2,003,330	1,536,173	376,827	90,330	467,157	30%
Total	\$ 9,033,107	\$ 7,893,695	\$ 865,402	\$ 274,010	\$ 1,139,412	14%

With the exception of Accounting which is a newly established department in the FY 2025 budget, 4 departments had variances from budget of more than 10% resulting in additional available net position as described below:

1. Conservation (51) – came in under budget by \$88,027. \$31,628 of the total was for personnel salaries and benefits, \$25,171 was from unused conservation rebate programs funds and the remaining portion was from lower-than-expected operating expenses and timing of supplies purchases.
2. Transmission & Distribution (55) – came in under budget by \$164,714. \$84,331 of the variance was for personnel salaries and benefits. The remaining variance was from less than expected basic materials needs.
3. Water Operations (59) – came in under budget by \$95,289. \$55,402 of the variance was for personnel salaries and benefits. The remaining variance was from budgeted IT and equipment purchases that were not necessary.
4. Administration (98) – came in under budget by \$376,827. A payment for general liability and work’s comp insurance for \$147,452 was made in FY 2023 instead of being applied to FY 2024 as a prepaid expense. This reduced FY 2024 expenses by applying them to FY 2023. Additionally, \$68,500 in budgeted professional on-call services were not needed in FY 2024. \$27,680 was budgeted for capital improvements related to software, but accounting standards changed how software is recognized, and the capital adjustments were not needed.

**Capital Outlays**

During FY 2024, DWP incurred \$6,975,867 in CIP outlays. Capital outlays refer to payments for projects expected to become part of the Department’s capital assets. Most capital outlays are for infrastructure projects funded through DWP’s Capital Improvement Plan (CIP). CIP projects and corresponding capital outlays are outlined below.

CIP Project	Project Budget	Prior Outlays	FY 2024 Outlays	Remaining
Division 9 Well	\$ 2,359,076	\$ 210,373	\$ 1,199,383	\$ 949,320
Wolf Reservoir	1,304,400	160,379	126,948	1,017,073
Wolf Booster	1,032,650	44,114	27,999	960,537
Pontel Hydropneumatic Tank	225,000	1,675	91,563	131,762
Knickerbocker Hydropneumat	225,000	-	1,500	223,500
Garstin Operations Facility	15,393,561	19,902	292,068	15,081,591
Ongoing Project Outlays	\$ 20,539,687	\$ 436,443	\$ 1,739,461	\$ 18,363,783

**Q4 FY 2024 Financial Report**

October 22, 2024

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A significant number of CIP projects were completed during fiscal year 2024 as outlined below.

<u>CIP Project</u>	<u>Prior Outlays</u>	<u>FY 2024 Outlays</u>	<u>Project Cost</u>
Div 6 Site Imp	\$ 142,593	\$ 564,843	\$ 707,436
2022 Pipeline Project	18,790	889,133	907,923
2023 Pipeline Project	19,444	1,465,206	1,484,650
Wolf Main Line	108,459	1,787,302	1,895,761
Circle Drive Main Line	-	103,716	103,716
Hampton Inn Main Line	-	156,041	156,041
Grout Creek	-	153,169	153,169
Meters (Service Connections)	-	116,997	116,997
Completed Project Outlays	<u>\$ 289,286</u>	<u>\$ 5,236,406</u>	<u>\$5,525,692</u>

**Accounts Receivable**

DWP maintains accounts receivable balances for customer accounts and for other miscellaneous invoices. DWP has a current accounts receivable balance of \$1,847,231. Most of this balance pertains to unbilled water sales. Since water is used by customers prior to bills being generated, customers owe DWP for the water provided but payment is not due until billed. Under accrual accounting, this creates a receivable. DWP expects to receive payment for most of the unbilled balance when customers are billed. A certain portion of the accounts receivable balance pertains to delinquent customer accounts as outlined below:

<u>Months</u>	<u>Unpaid</u>	<u>Over Payments</u>
Past Due		
Current	\$ 617,312	\$ (113,282)
1	20,310	(14,546)
2	11,122	(6,216)
3	8,296	(2,956)
4+	183,264	(908)
	<u>\$ 840,303</u>	<u>\$ (137,908)</u>

Historical delinquent customer account balances:

<u>Period End</u>	<u>Unpaid</u>	<u>Over Payments</u>
FY 2024	\$ 840,303	\$ (137,908)
FY 2023	574,914	(177,404)
FY 2022	744,370	(171,297)

Ongoing collection activities will continue to reduce the unpaid balance over time.

DWP has other accounts receivable as outlined below. Payment is expected for these items.

**Q4 FY 2024 Financial Report**

October 22, 2024

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<u>Nature of Receivable</u>	<u>Amount</u>
USBR Grant Reimbursement for Wolf Reservoir	\$ 522,098
USBR Grant Reimbursement for Pontel	10,674
BVGSA Advance	1,000
June Standby Fees Received in July	6,628
	<u>\$ 540,400</u>

**Cash and Investments**

Cash and investment balances as of June 30, 2024, are outlined below:

<u>Account Type</u>	<u>Book Balance</u>
Cash On Hand	\$ 800
Demand Deposit (Checking) Account	190,490
LAIF Investments	306,625
CAMP Investments	3,647,262
CLASS	1,162,180
	<u>\$ 5,307,357</u>

For the year ended June 30, 2024, DWP earned interest of \$358,728. The average annual yields for LAIF, CAMP, and CLASS deposits were 2.17%, 5.42%, and 5.45% respectively for fiscal year 2024.

**Additional Reports**

For additional details, please refer to attached financial reports as outlined below:

- Statement of Net Position
- Statement of Revenue, Expenses and Change in Net Position
- Projects Budget Report



## Statement of Net Position

Big Bear Lake Dept. of Water & Power

As Of 06/30/2024

	Comparative		
	6/30/2023	6/30/2024	Change
<b>Assets</b>			
01 - Cash and Investments	\$ 9,272,536	\$ 5,306,227	\$ (3,966,309)
02 - Cash with Fiscal Agent	1,524,520	1,062,958	(461,562)
05 - Receivables - Intergovernmental	3,004	540,400	537,396
06 - Receivables - Accrued Interest	37,327	14,618	14,618
07 - Receivables - Leases	227,594	204,064	(23,530)
11 - Receivables - Accounts	1,546,670	1,847,231	300,561
15 - Prepaid Expenses	31,442	179,980	148,538
16 - Inventory	418,194	561,716	143,522
17 - Capital Assets net of depreciation	59,643,767	63,977,638	4,333,871
19 - Deferred Outflows	2,194,000	2,603,117	(409,117)
<b>Total Assets:</b>	<b>74,899,054</b>	<b>76,297,949</b>	<b>617,988</b>
<b>Liability</b>			
20 - Accounts Payable	203,428	274,300	70,872
21 - Accrued Liabilities	462,355	515,216	52,861
22 - Accrued Interest Payable	174,322	170,800	(3,522)
23 - Deposits Payable	71,130	11,500	(59,630)
24 - Lease Liability	37,729	27,185	(10,544)
25 - Subscription Liability	53,568	8,354	(45,214)
26 - Compensated Absences	406,273	478,870	72,597
27 - Pension Liability	4,565,171	4,875,170	309,999
28 - Debt	22,443,802	21,906,192	(537,610)
29 - Deferred Inflows	1,344,518	1,153,491	(191,027)
<b>Total Liability:</b>	<b>29,762,296</b>	<b>29,421,078</b>	<b>(341,218)</b>
<b>Net Position</b>			
30 - Net Invested In Cap Assets	37,108,668	42,045,900	4,937,232
32 - Restricted for Capacity Charges	825,920	-	(825,920)
34 - Restricted for Debt Service	1,524,520	1,062,958	(461,562)
39 - Unrestricted	5,537,729	2,027,900	(3,509,829)
<b>Total Beginning Equity:</b>	<b>44,996,837</b>	<b>45,136,758</b>	<b>139,921</b>
Total Revenue	11,504,215	12,964,159	1,459,944
Total Expense	11,364,294	11,224,046	(140,248)
<b>Revenues Over/(Under) Expenses:</b>	<b>139,921</b>	<b>1,740,113</b>	<b>1,600,192</b>
<b>Total Net Position</b>	<b>\$ 45,136,758</b>	<b>\$ 46,876,871</b>	<b>\$ 1,740,113</b>



# Statement of Revenues, Expenses and Changes in Net Position for the Year Ended June 30, 2024

Big Bear Lake Dept. of Water & Power

	Approved Budget	FY 2024 Activity	(Over)/Under Budget
<b>Operating Revenues</b>			
00 - Administrative Charges	\$ 323,437	\$ 408,508	\$ (85,071)
01 - Water Sales	10,308,126	10,473,055	(164,929)
02 - Other Income	10,000	7,365	2,635
<b>Operating Revenues</b>	<u>10,641,563</u>	<u>10,888,928</u>	<u>(247,365)</u>
<b>Non-Operating Revenues</b>			
02 - Other Income	29,812	136,987	(107,175)
03 - Investment Earnings	247,035	358,728	(111,694)
05 - Investment Valuation Adjustment	-	66,634	(66,634)
07 - Gain On Disposal	-	1,959	(1,959)
<b>Non-Operating Revenues</b>	<u>276,846</u>	<u>564,308</u>	<u>(287,462)</u>
<b>Capital Contributions</b>			
00 - Administrative Charges	746,720	879,987	(133,267)
04 - Grants	1,700,000	532,770	1,167,230
06 - Capital Improvements	-	98,166	(98,166)
<b>Capital Contributions</b>	<u>2,446,720</u>	<u>1,510,923</u>	<u>935,797</u>
<b>Total Revenues</b>	<u>13,365,129</u>	<u>12,964,159</u>	<u>400,971</u>
<b>Operating Expenses - Personnel</b>			
50 - Water Production	587,977	683,324	(95,347)
51 - Water Conservation	271,542	239,914	31,628
55 - Transmission and Distribution	931,785	847,455	84,331
59 - Water Operations	747,676	692,273	55,402
90 - Customer Service	1,234,732	1,169,159	65,572
95 - Field Services	952,630	863,552	89,078
97 - Accounting	-	2,899	(2,899)
98 - Administration	982,560	989,755	(7,194)
<b>Operating Expenses - Personnel</b>	<u>5,708,902</u>	<u>5,488,331</u>	<u>220,571</u>
<b>Operating Expenses</b>			
50 - Water Production	972,335	792,429	179,906
51 - Water Conservation	118,130	61,731	56,399
55 - Transmission and Distribution	308,112	169,648	138,464
59 - Water Operations	525,105	430,579	94,526
90 - Customer Service	307,963	276,811	31,152
95 - Field Services	71,790	127,748	(55,958)
98 - Administration	1,020,770	546,418	474,352

<b>Operating Expenses</b>	<u>3,324,204</u>	<u>2,405,363</u>	<u>918,841</u>
<b>Nonoperating - Depreciation/Amortization</b>			
99 - Non Departmental	-	2,715,069	(2,715,069)
<b>Nonoperating - Interest</b>			
99 - Non Departmental	1,068,532	536,419	532,113
<b>Nonoperating - Contributions To Other Governments</b>			
99 - Non Departmental	22,528	8,467	14,061
<b>Nonoperating - Finance Costs Garstin</b>			
99 - Non Departmental	69,902	70,396	(495)
<b>Nonoperating Expenses</b>	<u>1,160,962</u>	<u>3,330,351</u>	<u>(2,169,390)</u>
<b>Total Expenses</b>	<u>10,194,068</u>	<u>11,224,046</u>	<u>(1,029,978)</u>
<b>Total Surplus/(Deficit)</b>	<u>3,171,061</u>	<u>1,740,113</u>	<u>1,430,948</u>



Big Bear Lake Dept. of Water & Power

# Project Budget Report

Date Range 07/01/2023 - 06/30/2024

Project Number	Project Name	Group	Period Budget	Period Activity	Variance Favorable (Unfavorable)	Total Budget	Total Activity	Variance Favorable (Unfavorable)
<a href="#">B-23-001</a>	Wolf Booster	CIP						
	<b>Expense</b>							
	<b>Account Key</b>	<b>Account Name</b>						
	<a href="#">B23001C</a>	Wolf Booster Construction	926,606.00	0.00	926,606.00	926,606.00	0.00	926,606.00
	<a href="#">B23001D</a>	Wolf Booster Design	101,102.00	19,244.42	81,857.58	101,102.00	62,826.92	38,275.08
	<a href="#">B23001L</a>	Wolf Booster Labor	4,942.00	8,754.84	-3,812.84	4,942.00	9,285.84	-4,343.84
		<b>Total Expense:</b>	<b>1,032,650.00</b>	<b>27,999.26</b>	<b>1,004,650.74</b>	<b>1,032,650.00</b>	<b>72,112.76</b>	<b>960,537.24</b>
		<b>Total B-23-001 - Wolf Booster:</b>	<b>1,032,650.00</b>	<b>27,999.26</b>	<b>1,004,650.74</b>	<b>1,032,650.00</b>	<b>72,112.76</b>	<b>960,537.24</b>
<a href="#">LI-23-001-01</a>	Garstin Water Operations Facility	CIP						
	<b>Expense</b>							
	<b>Account Key</b>	<b>Account Name</b>						
	<a href="#">LI2300101</a>	DWP - Labor	28,561.13	39,857.84	-11,296.71	28,561.13	41,735.84	-13,174.71
	<a href="#">LI2300101C</a>	TBD - Construction	14,500,000.00	17,436.67	14,482,563.33	14,500,000.00	17,436.67	14,482,563.33
	<a href="#">LI2300101D</a>	Garstin - Design	0.00	-7,826.00	7,826.00	0.00	0.00	0.00
	<a href="#">LI23001DB</a>	PBK - Bidding	36,000.00	25,000.00	11,000.00	36,000.00	25,000.00	11,000.00
	<a href="#">LI23001DCA</a>	PBK - Construction Admin	144,000.00	0.00	144,000.00	144,000.00	0.00	144,000.00
	<a href="#">LI23001DCD</a>	PBK - Construction Documents	360,000.00	0.00	360,000.00	360,000.00	0.00	360,000.00
	<a href="#">LI23001DCON</a>	TBD - Contingency	50,000.00	0.00	50,000.00	50,000.00	0.00	50,000.00
	<a href="#">LI23001DDD</a>	PBK - Design Development	72,000.00	72,000.00	0.00	72,000.00	72,000.00	0.00
	<a href="#">LI23001DEI</a>	TBD - Environmental Impact	54,000.00	47,496.81	6,503.19	54,000.00	47,496.81	6,503.19
	<a href="#">LI23001DGI</a>	PBK - Geotechnical Invest.	25,000.00	0.00	25,000.00	25,000.00	0.00	25,000.00
	<a href="#">LI23001DHM</a>	PBK - Hazardous Material	6,000.00	0.00	6,000.00	6,000.00	0.00	6,000.00
	<a href="#">LI23001DRA</a>	PBK - Reimbursable Allowance	10,000.00	303.68	9,696.32	10,000.00	303.68	9,696.32
	<a href="#">LI23001DS</a>	PBK - Schematic Design	108,000.00	108,000.00	0.00	108,000.00	108,000.00	0.00
		<b>Total Expense:</b>	<b>15,393,561.13</b>	<b>302,269.00</b>	<b>15,091,292.13</b>	<b>15,393,561.13</b>	<b>311,973.00</b>	<b>15,081,588.13</b>
		<b>Total LI-23-001-01 - Garstin Water Operations Facility:</b>	<b>15,393,561.13</b>	<b>302,269.00</b>	<b>15,091,292.13</b>	<b>15,393,561.13</b>	<b>311,973.00</b>	<b>15,081,588.13</b>
<a href="#">R-23-001</a>	Wolf Reservoir	CIP						
	<b>Expense</b>							
	<b>Account Key</b>	<b>Account Name</b>						
	<a href="#">R2300C</a>	Wolf Reservoir Construction	933,921.00	5,750.00	928,171.00	933,921.00	5,750.00	928,171.00
	<a href="#">R2300D</a>	Wolf Reservoir Design	367,567.00	112,655.77	254,911.23	367,567.00	271,103.34	96,463.66

Project Budget Report

Date Range 07/01/2023 - 06/30/2024

Project Number	Project Name	Group	Period Budget	Period Activity	Variance Favorable (Unfavorable)	Total Budget	Total Activity	Variance Favorable (Unfavorable)
	<a href="#">R2300L</a>	Wolf Reservoir Labor	2,912.00	8,542.25	-5,630.25	2,912.00	10,473.25	-7,561.25
		<b>Total Expense:</b>	<b>1,304,400.00</b>	<b>126,948.02</b>	<b>1,177,451.98</b>	<b>1,304,400.00</b>	<b>287,326.59</b>	<b>1,017,073.41</b>
		<b>Total R-23-001 - Wolf Reservoir :</b>	<b>1,304,400.00</b>	<b>126,948.02</b>	<b>1,177,451.98</b>	<b>1,304,400.00</b>	<b>287,326.59</b>	<b>1,017,073.41</b>
<a href="#">R-23-002</a>	Pontel Hydropneumatic Tank	CIP						
	<b>Expense</b>							
	<b>Account Key</b>	<b>Account Name</b>						
	<a href="#">R23002C</a>	Pontel Hydropneumatic Tank - Construction	136,533.00	0.00	136,533.00	136,533.00	0.00	136,533.00
	<a href="#">R23002D</a>	Pontel Hydropneumatic Tank - Design	86,641.00	86,536.94	104.06	86,641.00	88,211.94	-1,570.94
	<a href="#">R23002L</a>	Pontel Hydropneumatic Tank - Labor	1,826.00	5,025.74	-3,199.74	1,826.00	5,025.74	-3,199.74
		<b>Total Expense:</b>	<b>225,000.00</b>	<b>91,562.68</b>	<b>133,437.32</b>	<b>225,000.00</b>	<b>93,237.68</b>	<b>131,762.32</b>
		<b>Total R-23-002 - Pontel Hydropneumatic Tank:</b>	<b>225,000.00</b>	<b>91,562.68</b>	<b>133,437.32</b>	<b>225,000.00</b>	<b>93,237.68</b>	<b>131,762.32</b>
<a href="#">R-23-003</a>	Knickerbocker Hydropneumatic System	CIP						
	<b>Expense</b>							
	<b>Account Key</b>	<b>Account Name</b>						
	<a href="#">R23003C</a>	Knickerbocker Hydropneumatic - Constructi	95,174.00	0.00	95,174.00	95,174.00	0.00	95,174.00
	<a href="#">R23003D</a>	Knickerbocker Hydropneumatic - Design	129,826.00	1,500.00	128,326.00	129,826.00	1,500.00	128,326.00
	<a href="#">R23003L</a>	Knickerbocker Hydropneumatic - Labor	0.00	0.00	0.00	0.00	0.00	0.00
		<b>Total Expense:</b>	<b>225,000.00</b>	<b>1,500.00</b>	<b>223,500.00</b>	<b>225,000.00</b>	<b>1,500.00</b>	<b>223,500.00</b>
		<b>Total R-23-003 - Knickerbocker Hydropneumatic System:</b>	<b>225,000.00</b>	<b>1,500.00</b>	<b>223,500.00</b>	<b>225,000.00</b>	<b>1,500.00</b>	<b>223,500.00</b>
<a href="#">W-23-002</a>	Division Well 9	CIP						
	<b>Expense</b>							
	<b>Account Key</b>	<b>Account Name</b>						
	<a href="#">W23002C</a>	Division Well 9 Construction	2,028,685.97	1,093,197.60	935,488.37	2,028,685.97	1,181,547.60	847,138.37
	<a href="#">W23002D</a>	Division Well 9 Design	327,999.00	91,286.70	236,712.30	327,999.00	211,582.70	116,416.30
	<a href="#">W23002L</a>	Division Well 9 Labor	2,391.00	14,897.28	-12,506.28	2,391.00	16,624.28	-14,233.28
		<b>Total Expense:</b>	<b>2,359,075.97</b>	<b>1,199,381.58</b>	<b>1,159,694.39</b>	<b>2,359,075.97</b>	<b>1,409,754.58</b>	<b>949,321.39</b>
		<b>Total W-23-002 - Division Well 9:</b>	<b>2,359,075.97</b>	<b>1,199,381.58</b>	<b>1,159,694.39</b>	<b>2,359,075.97</b>	<b>1,409,754.58</b>	<b>949,321.39</b>
		<b>Report Total:</b>	<b>20,539,687.10</b>	<b>1,749,660.54</b>	<b>18,790,026.56</b>	<b>20,539,687.10</b>	<b>2,175,904.61</b>	<b>18,363,782.49</b>



# AGENDA REPORT



*Service, Quality, Community*

**DATE:** October 22, 2024  
**TO:** Board of Commissioners  
**FROM:** Reginald A. Lamson, General Manager  
**PREPARED BY:** Rachel M. Franklin, Human Resources Administrator  
**RE:** **Human Resources/Risk Management Report**

## *HR Update*

### *Staffing:*

1. Congratulations to Dakota Arizmendi on his 2-year anniversary with DWP!
2. Congratulations to Samantha Salmas on her 3-year anniversary with DWP!
3. Congratulations to Roxann Abrahamson on her 6-year anniversary with DWP!
4. Congratulations to Dave Emig on his 18-year anniversary with DWP!
5. Congratulations to Danny Ent on his 35-year anniversary with DWP!
6. Congratulations to Sam Armstrong on her transfer to Management Analyst/Board Secretary!
7. Congratulations to Amy Kawa on her transfer to Utility Data Specialist!
8. Congratulations to Bruce Fellman on his retirement! Bruce was an integral part of DWP for over 26 years. We will miss him and wish him the very best!
9. Recruitment is being conducted for the Water Production Technician. At the time of writing, we have received 34 applications and will be conducting interviews at the end of October.

### *Benefits:*

1. I calculated and processed one longevity benefit and one service award for staff.
2. I am working with Bender Benefits and GIS Benefits to implement a new platform, Employee Navigator. The intuitive platform will streamline benefit administration by managing health benefits, onboarding, enrollment, ACA, reporting, billing, and more. I hope to have this finalized by the beginning of November.

### *Miscellaneous:*

1. September Staff Communications and Safety Topics – Line Fire updates and safety procedures, recruitment opportunities
2. October Staff Communications and Safety Topics – Autumn Fire Prevention and Halloween Safety
3. I administered 19 Personal Action Forms and 2 withholding forms for staff.
4. Monthly employment statistical data was submitted to the Department of Labor.

5. I am updating a few job descriptions to clarify responsibilities and overlap within the accounting department which will allow greater flexibility. The Board will be presented with the changes at a future Board meeting.

**Risk Update**

1. Five liability claims are pending.
2. I attended the 29<sup>th</sup> Annual California JPIA Risk Management Educational Forum. Topics discussed were How AI Shapes Local Government, Complying with Cal OSHA and SB 553, Your Guide to a Better Work Comp Program, Triggering Conditions of a Conditional Offer, Managing Mental Health in Public Safety, Disability Litigation, Managing Disruptions at Public Meetings, ADA Guide to Compliance, and Liability Case Law.
3. Audiometric tests are being conducted in accordance with DWP's Hearing Conservation Policy, CCR Title 8, and OSHA Standard 1910.95. Testing is scheduled to be completed in conjunction with City staff on October 28<sup>th</sup>.

# AGENDA REPORT



*Service, Quality, Community*

**DATE:** October 22, 2024

**TO:** Board of Commissioners

**FROM:** Reginald A. Lamson, General Manager

**PREPARED BY:** Bennett Rossell, Water Conservation & Communications Supervisor

**RE:** **Water Conservation & Communications Supervisor Report**

## September 2024 Production and Usage Overview:

- Production: 62 million gallons (MG); 69 gallons per capita per day (GPCD)
- Precipitation: 0.35"

During the month of September, production was 62 million gallons (MG). This is a 6% *decrease* for the month of September compared to the prior 5-year average at 66 MG.

September's Gallons-Per-Capita-Day (GPCD) saw an 8% *decrease* when compared to historic averages for the month. The prior 5-year GPCD averaged 75 gallons, whereas this September came in at 69 GPCD.

No measurable precipitation occurred during the month of September of this year.

## Activities:

The Conservation Department attended the American Water Works Association's (AWWA) WaterSmart Innovations Conference, held in Las Vegas. Insight was gained into innovative technologies and best practices and solutions to conservation challenges. On DWP's behalf, staff received another WaterSense award from the EPA during the event.

DWP's seasonal signs, located at City Hall, on Moonridge Blvd., Fox Farm Rd., and Division Dr. have been redesigned in-house. Updated signs are being fabricated and installed with complete installation expected before irrigation season ends on November 1. As of the drafting of this report, one of the four signs has been installed on Fox Farm.

Conservation Specialist, Steve Tokeshi, has made notable improvements to the Xeriscape Demonstration Garden on Fox Farm Rd cutting back summer growth, installing borders along sidewalk areas, and adding seasonal touches.

Efforts to update DWP's messaging across all mediums are ongoing. DWP's website, letters, forms, signs, etc. have been, or are being, updated, and simplified to reflect current practices and efficiencies.



Overgrowth from a willow tree at the joint DWP/State CIMIS (California Irrigation Management Information System) weather monitoring station on the golf course was removed by Conservation staff. The overgrowth was interfering with rainfall, wind speed and direction, and UV Index measurement equipment.



Before



After

**Conservation Key Metrics – September 2024**

406	Contacts regarding leaks and watering violations
53	Inquiries into the toilet rebate program
1	Inquiries into winterizing, turf rebates, policies, permits, landscaping

**BBLDWP Water Use**

**Total Production in Million Gallons (MG)**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
2019	59	54	50	41	54	70	81	79	71	56	43	54	713
2020	57	47	39	35	63	83	96	90	76	66	55	52	759
2021	59	49	46	47	70	74	84	77	66	50	41	53	716
2022	55	47	44	41	74	70	82	58	57	51	43	55	677
2023	61	47	43	42	48	61	79	67	61	48	41	48	648
2024	52	47	42	39	52	67	80	71	62				512
2019-2023 Average	58	49	44	41	62	72	84	74	66	54	45	53	702
2024 +/- % Average	-10%	-4%	-5%	-5%	-19%	-7%	-5%	-4%	-6%				

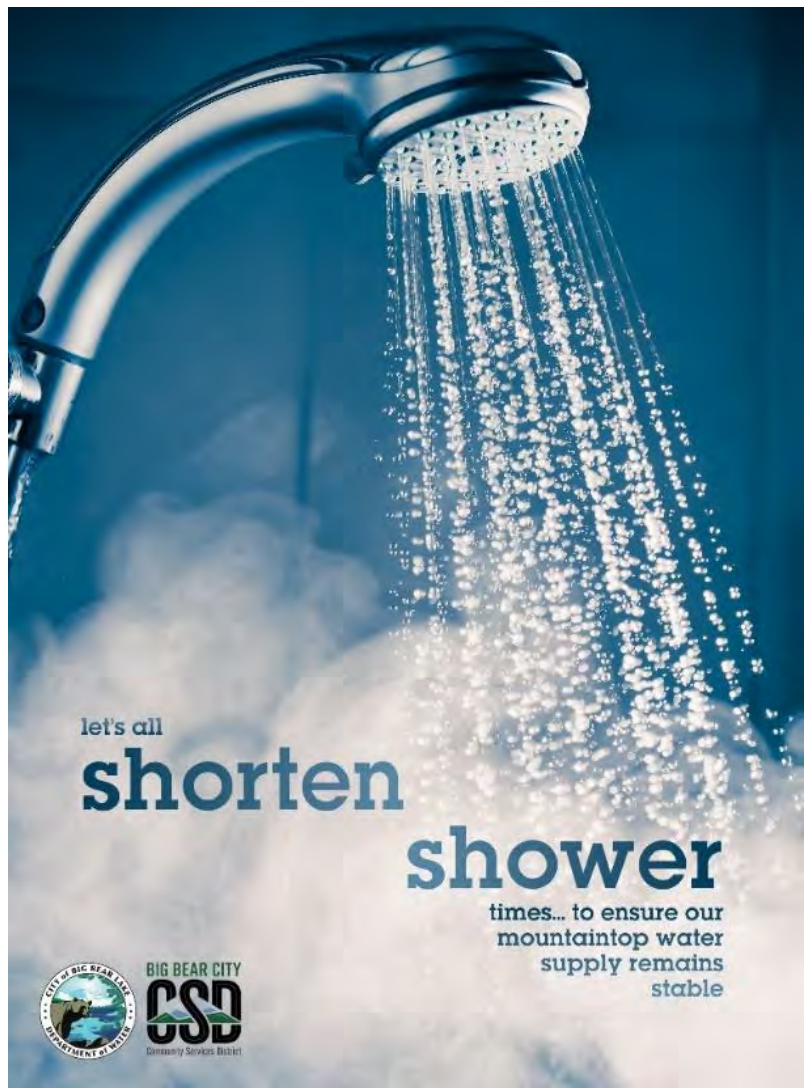
### Gallons Per Capita Day (GPCD) Produced

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
2019	65	63	55	46	59	79	88	86	80	61	48	59	66
2020	62	55	42	39	69	93	104	98	86	72	62	57	70
2021	65	57	50	53	76	84	91	83	74	55	46	58	66
2022	60	55	48	46	81	78	89	63	65	56	48	60	63
2023	67	55	47	48	52	69	86	73	69	52	47	53	60
2024	57	54	45	44	57	76	87	77	69				
2019-2023 Average	64	57	48	46	68	81	92	81	75	59	50	57	65
2024 +/- % Average	-11%	-5%	-6%	-4%	-16%	-6%	-5%	-5%	-8%				

### Advertising: Big Bear Grizzly Ads:



Grizzly Newspaper, 1/4 page ad



Big Bear Now, full page ad

### Advertising: KBHR Ads:

## **DWP & CSD**

Hey there, Big Bear! As the days get shorter and the nights cooler, it's time for a friendly reminder. Winter is on the way, and that means it's time for DWP and CSD customers to turn off and drain irrigations systems!

We all love our beautiful green landscapes, but come winter, Mother Nature's got us covered. There's no need to water when the snow is about to fly! Draining your irrigation system not only prevents costly freeze damage, but also helps preserve our precious water supply for when we need it most.

So, do your part to keep our town running smoothly. DWP and CSD customers must turn off and drain their irrigation systems, from November 1<sup>st</sup> through April 1<sup>st</sup> annually. This applies to both residential and commercial connections.

Let's work together to keep our community- and our forest environment- thriving, year-round!

*This message was brought to you by the City of Big Bear Lake, Department of Water & Power and the Big Bear City Community Services District.*

## **DWP**

Hello Big Bear, this is Bennett with the City of Big Bear Lake Department of Water with a quick community update.

DWP will be upgrading its Wolf Reservoir, located near the top of the Moonridge neighborhood. A new, 600,000-gallon reservoir will be constructed... but before it is, a considerable amount of soil will need to be removed from the site to prepare for the construction of the reservoir. As a result, *please be aware of dump trucks in the Moonridge neighborhood* during working hours through October. Trucks will be taking soil from Moonridge to Bear Mountain Resort, using:

Coyote Court

Wolf Road

Colusa Drive

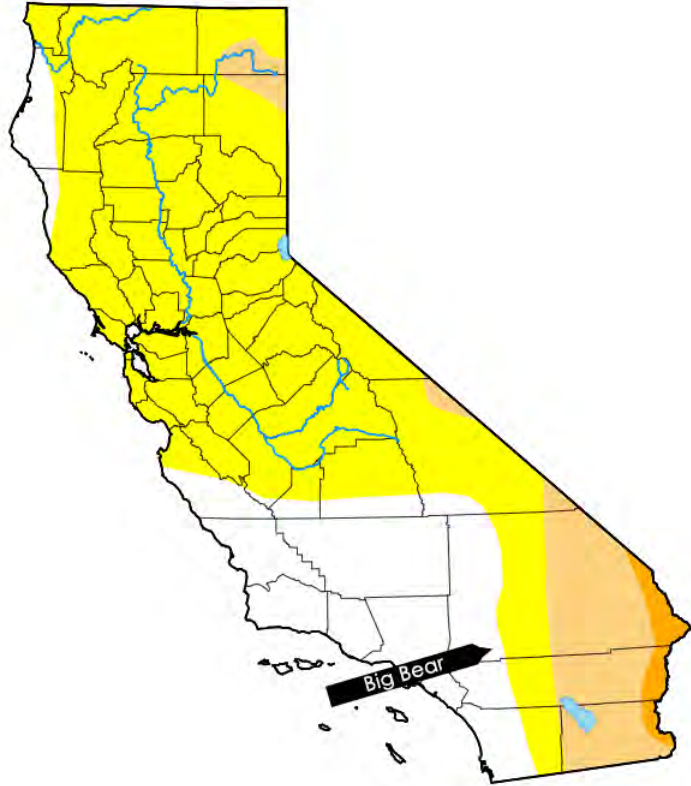
Sheephorn Road

Moonridge Road

And Lassen Drive near Bear Mountain Resort

Thank you for your patience and understanding. Please contact DWP with any questions or concerns at (909) 866-5050 and... thank you for conserving water!

# California Drought Monitor:



Map released: Thurs. October 10, 2024

Data valid: October 8, 2024 at 8 a.m. EDT

## Intensity

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data

## Authors

United States and Puerto Rico Author(s):

[Richard Tinker](#), NOAA/NWS/NCEP/CPC

Pacific Islands and Virgin Islands Author(s):

[Denise Gutzmer](#), National Drought Mitigation Center



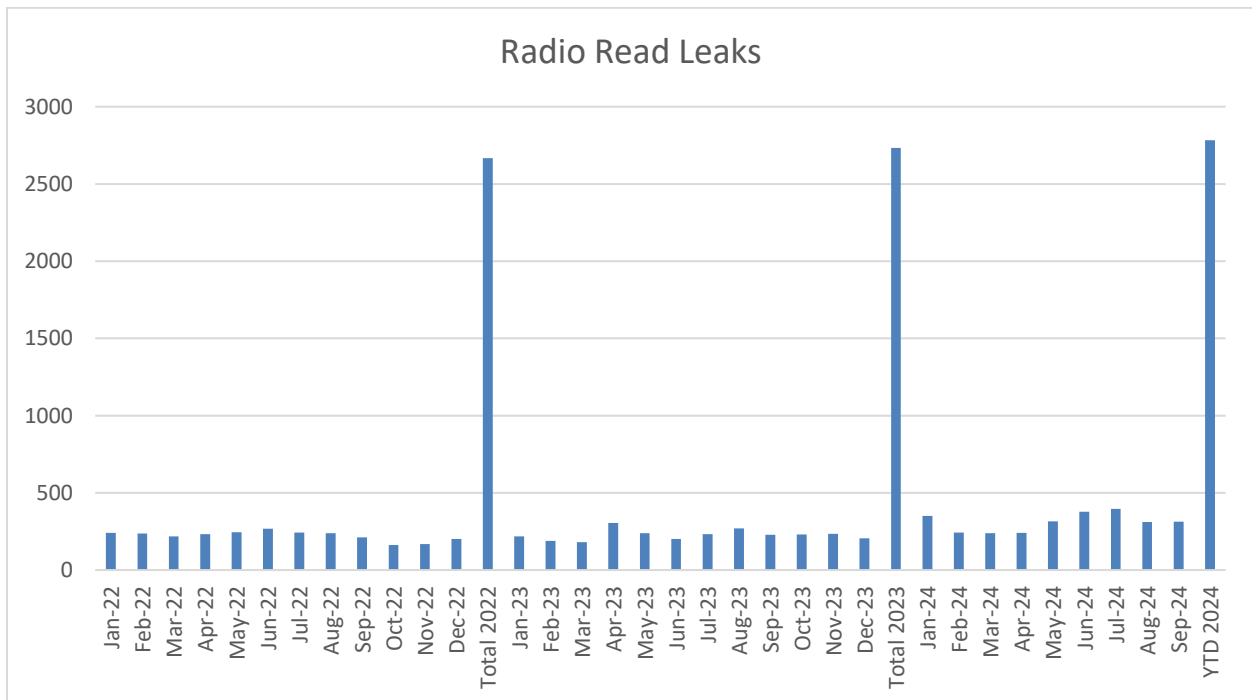
# AGENDA REPORT



*Service, Quality, Community*

**DATE:** October 22, 2024  
**TO:** Board of Commissioners  
**FROM:** Reginald A. Lamson, General Manager  
**PREPARED BY:** Danny Ent, Water Superintendent  
**RE:** **Water Superintendent's Report**

In September, the Meter Department responded to 313 leaks that were detected on the Radio Read Leak report, a total of 2,789 have been reported in the 2024 calendar year. Additionally, they have been replacing Hersey meters, checking radio reads, EPA service inventory, and completing route repairs. The Meter Department continues to install smart meters at strategic locations in different pressure zones to monitor water pressures. This information will be used to adjust the pressure reducing valves to operate more efficiently.



The Production Department has been completing their daily routes and performing maintenance and repairs. Additionally, they have added a chlorine analyzer and pressure sensor at the Cedar Dell Reservoir site enabling them to monitor chlorine residual and pressure on SCADA. This will prevent them from having to hike or snowshoe into the site during the winter.

The Distribution Department has been repairing leaks, doing maintenance, installing new services, repairing sunken trenches, and performing federally mandated (EPA) service inventory, which was completed and submitted on October 16, 2024. They continue installing the new water main and services for the Garstin Water Operations Facility, installed a 10-inch Gate valve on Garstin, and have completed the potholing for the tie in at Garstin Dr. Additionally, they have been raising valve cans and adjusting Meter boxes for the City's Summit Blvd paving and drainage, and Castle Rock parking projects.

The Water Operations Department has been working on the record drawings for the completed 2023 construction projects, checking plans for upcoming projects, and inputting the information into GIS. Staff continue to work with ESRI to upgrade our GIS software. The staff also continues to work with WSC to upgrade the Wall maps to include all the projects that have been completed over the last eight years. The Construction observers have been observing the Wolf Reservoir project and The Pontell Hydropneumatic tank project.

A.J. Acosta Corp., one of the sub-contractors for Paso Robles Tank, Inc has completed the site excavation, excavated the Ring wall footings, and performed compaction for the Wolf reservoir project.

Tennyson Pipeline is installing underground piping and completed the Hot Tap into existing main for the Pontell Hydropneumatic tank project.



Wolf Reservoir site



Pontell Hydropneumatic  
Tank

# City of Big Bear Lake Water Department

## Water Superintendent's Report (Fiscal Year)

**Total Production for: 9/30/24**

"Measured in Million Gallons" Y-T-D = Year to Date	MG				2024 Monthly % Difference	2024 Y-T-D % Difference
	9/30/24 Month-ended	2024 Y-T-D	9/30/23 Month-ended	2023 Y-T-D		
Big Bear Lake / Moonridge	47.12	161.91	43.89	152.93	7.36%	5.87%
Sugarloaf / Erwin Lake	10.74	38.37	13.80	42.51	-22.17%	-9.74%
Fawnskin	2.18	6.96	2.10	6.79	3.81%	2.50%
Lake Williams	0.83	2.75	0.83	2.93	0.00%	-6.14%
RV Park	0.79	2.63	0.66	2.15	19.70%	22.33%
<b>SUB - TOTAL</b>	<b>61.66</b>	<b>212.62</b>	<b>61.28</b>	<b>207.31</b>	<b>0.62%</b>	<b>2.56%</b>

Million Gallons transferred from  
Sugarloaf / Erwin Lake to  
Big Bear Lake / Moonridge.

**1.49**

Year to Date Transferred.\*

**10.57**

\*(This amount is included in the Sugarloaf / Erwin Lake Total but not in the BBL / Moonridge Total.)

**SLANT WELL PRODUCTION: The totals below are included in the above totals.**

"Measured in Million Gallons" Y-T-D = Year to Date	MG				2024 Monthly % Difference	2024 Y-T-D % Difference
	9/30/24 Month-ended	2024 Y-T-D	9/30/23 Month-ended	2023 Y-T-D		
Big Bear Lake / Moonridge	27.89	87.83	23.82	79.63	17.09%	10.30%
Fawnskin	1.58	4.89	1.77	5.51	-10.73%	-11.25%

**Monthly Percentage of GRAVITY PRODUCTION vs. ELECTRICAL PRODUCTION**

	9/30/24 Month-ended	2024 Y-T-D	10/1/23 Month-ended	2023 Y-T-D
BBL / Moonridge - GRAVITY	59%	54%	54%	52%
BBL / Moonridge - ELECTRICAL	41%	46%	46%	48%

	9/30/24 Month-ended	2024 Y-T-D	9/30/23 Month-ended	2023 Y-T-D
Fawnskin - GRAVITY	72%	70%	84%	81%
Fawnskin - ELECTRICAL	28%	30%	16%	19%

# AGENDA REPORT



*Service, Quality, Community*

**DATE:** October 22, 2024  
**TO:** Board of Commissioners  
**FROM:** Reginald A. Lamson, General Manager  
**PREPARED BY:** Daniel Baguyo, District Engineer  
**RE:** **District Engineer's Report**

## *Active Projects*

### ***2025 Reservoir Inspection and Condition Assessment Project***

On October 10, 2024, staff advertised a Request for Proposals (RFP) for the 2025 Potable Water Reservoir Inspection and Condition Assessment Project. The RFP was advertised in the Grizzly Newspaper on October 10 and October 17, 2024, as well as on the DWP website. The scope of work includes inspection of the interior and exterior of all DWP reservoirs, with the exception of Wolf Reservoir which is currently under construction. The selected Consultant will assess the condition of each reservoir based on the following components (not inclusive of all items):

- Interior and exterior coating thickness and remaining useful life
- Interior and exterior piping
- Reservoir shell thickness
- Interior and exterior appurtenances (vents, ladders, etc.)
- Operational parameters
- Seismic components

The selected Consultant will be responsible for preparing a report identifying the findings of the inspection and creating a list of projects, in order of priority, for the DWP to consider over a 10-year period. Anticipated projects will be incorporated into the Capital Improvement Plan.

Proposals are due to be submitted by November 7, 2024. Staff has identified a project schedule such that the project should be completed by June 2025.

### ***Division Well No. 9***

Staff received the Summary of Well Construction Operations Report from the consultant on September 24, 2024.

Staff has reviewed the final design recommendations for the equipping of Division Well No. 9 and is working through preliminary sizing calculations of the well pump and appurtenances. Sizing

## **District Engineer's Report**

October 22, 2024

Page 2 of 3

recommendations will be provided to WSC for final design of the well pumping plant. Staff will continue to work with WSC throughout the final design process.

### **Regulatory Items**

#### ***Division of Drinking Water (DDW) Blanket Waiver Request for Alternate Waterworks Separation Standards***

Staff is currently preparing a request for blanket waivers for alternate Waterworks Separation Standards, to be submitted to the DDW for review and approval. Currently, DWP staff (or DWP's engineering consultant) is required to prepare a separate waiver request for each pipeline construction location throughout the system where new water main construction cannot be completed such that all State-required utility separations (vertical and horizontal) are met. The waiver request process is extensive, and results in increased staff (or consultant) time and cost required to complete the design and construction of a water main construction or replacement project.

The blanket waiver request identifies several cases or scenarios that are commonly discovered during the design and construction phase (i.e. new water main will need to cross beneath the existing sewer main). Once the blanket waivers are approved, DWP staff will no longer need prior approval from DDW to construct waterlines where minimum separations cannot be achieved. The blanket waivers identify minimum requirements only – if a specific scenario does not meet any of the approved waivers, DWP will still need to process a separate request with DDW.

#### ***EPA Lead Service Line Inventory***

Staff has assisted with the review of regulatory requirements for developing a Lead Service Line Inventory for all service lines in the DWP Service Area. Based on review of EPA guidance documents, staff was able to determine a statistical analysis method for preparing the required initial inventory. This analysis helped reduce the need for additional DWP field staff time to physically inspect service lines. The Initial Inventory was submitted on October 16, 2024, in conformance with EPA / DDW requirements.

#### ***U.S. Forest Service Utility Permit Renewal***

The DWP's permit to operate facilities on Forest Service lands/roads expired in 2018. Staff has been trying to renew the permit since 2017. In May 2024, Forest Service staff provided a list of required information/reference data to be submitted to obtain an updated permit. The Forest Service has not set a deadline for submitting information for an updated permit.

Staff is currently finalizing the Operation and Maintenance Plan and GIS data to be submitted to the Forest Service. Staff anticipate that this will be completed and submitted to the Forest Service by the end of November 2024.

#### ***2025 Urban Water Management Plan (UWMP)***

Staff has inquired with consulting firms as well as the Department of Water Resources (DWR) staff to confirm what changes will be required for the 2025 UWMP. If there are no significant changes, staff will

## **District Engineer's Report**

October 22, 2024

Page 3 of 3

likely prepare the UWMP in-house. The 2025 UWMP will likely be due by July 1, 2026, unless DWR has changed its typical submittal timeline.

DWR has yet to publish the 2025 UWMP Guidebook which will identify any changes to the information required in the UWMP and outline the structure of the document. A draft Guidebook can likely be expected in Spring of 2025. It is likely that a final Guidebook will not be released by DWR until March / April 2026. For reference, the final Guidebook for the 2020 UWMP was released in March 2021, with a due date of July 1, 2021.

### ***DWP Off-Road Diesel Fleet***

Staff registered the DWP off-road diesel vehicle fleet as required by the California Air Resources Board (CARB). The DWP fleet is in compliance with State regulations until January 1, 2028.

### ***DWP Engineering Standards and Specifications***

#### ***Guidelines for Water System Plans and Standard Specifications and Drawings***

The DWP Guidelines for Water System Plans and Standard Specifications and Drawings (Standards) was last updated in February 2012. Staff has begun reviewing and updating the current Standards. Updated Standard Specifications and uniform standards/guidelines for plan preparation and design will assist DWP consulting engineers and/or Developers' engineers in meeting all DWP requirements and will streamline design plan development and review by DWP staff. The Standards will also serve as a framework for in-house design efforts on future projects. This effort is ongoing.



# AGENDA REPORT



*Service, Quality, Community*

**DATE:** October 22 2024  
**TO:** Board of Commissioners  
**FROM:** Reginald A. Lamson, General Manager  
**PREPARED BY:** Nathan Statham, Chief Financial Officer  
**RE:** **Chief Financial Officer's Report**

## General Update

Customer Service has undertaken the following initiatives:

1. 1,762 call-in customers were assisted in September (detail breakdown provided below).
2. Customer service has initiated echeck services through Tyler Technology. Currently customers who want their payments debited from their bank account fill out a PDF request document and submit the request to Accounting for processing in the billing system. Customers cannot make one-time echeck payments or set up echeck payments through their online customer portal where they can initiate credit card payments. Once implemented customers can use their bank accounts as another payment method through their customer portal.

Accounting has undertaken the following initiatives:

1. Field work has been completed for DWP's FY 2024 audit. DWP's audit firm LSL anticipates the FY 2024 financial statements will be issued by early December.

The following IT initiatives are underway:

1. Cellular Internet Access Failover - DWP currently has wired internet access connectivity through Spectrum; however, during power outages that affect Spectrum network components, DWP loses internet access despite DWP's emergency power generator. New network equipment with cellular connectivity is in place and is being configured to provide a failover internet connection.
2. Enterprise ArcGIS Conversion - DWP staff engaged Motive Managed Services to set up needed server infrastructure and ProWest to set up the ArcGIS infrastructure. Motive Managed Services is in the process of setting up the server infrastructure.
3. Garstin Facility Wireless Access Upgrades – current wireless hardware at the Garstin facility does not have sufficient coverage to reach the far ends of the building including the board room, general manager's office, rear operations area or warehouse. During prolonged periods without cellular service as experienced for several days in the last week of July, field staff who do not have workstations are unable to use iPads to update, initiate and complete work orders. Motive Managed Services has installed all wireless hardware consisting of five internal and three external wi-fi access points providing coverage inside the admin building, warehouse and across the vehicle parking areas of the rear yard. Final configuration and connection is ongoing.
4. Financial System Cloud Migration – DWP's financial system is currently housed on-premise. The software provider Tyler Technologies is no longer developing the on-premise solution. DWP entered

# CFO's Report

October 22, 2024

Page 2 of 2

into an agreement with Tyler to migrate to their cloud-based service. DWP Accounting and Customer Service staff have been working with the Tyler conversion team and have been installing applications to interface with the online platform and evaluating printer/copier/scanner connectivity. Go live is scheduled for 11/14 – 11/15.

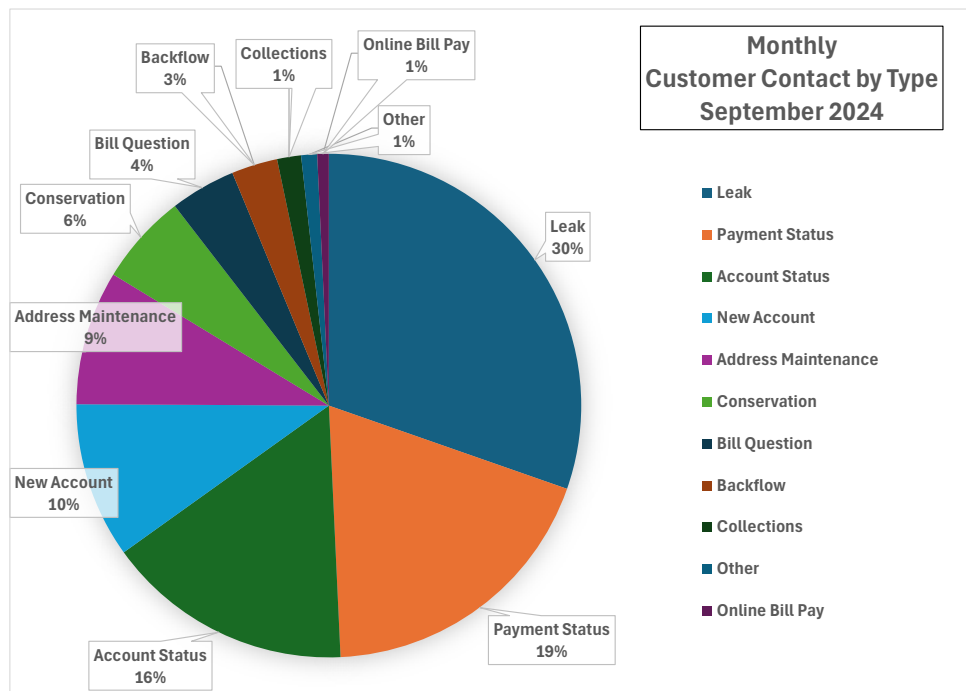
- 5. Digital Record Retention Evaluation – DWP currently has multiple record retention systems in place. As the financial system is transitioned to cloud-based platforms and ArcGIS comes online, record retention will need to be streamlined. DWP staff has engaged Motive Managed Services to provide input on Microsoft platforms that DWP currently deploys but does not utilize.

### Cash and Investment Balances:

As of September 30, 2024, DWP's treasury balance was:

Category	Total Funds
<b>Cash on hand</b>	\$800
<b>Demand deposits (checking)</b>	\$959,267
<b>Investments – LAIF (investment pool)</b>	\$310,080
<b>Investments – CAMP (investment pool)</b>	\$2,689,564
<b>Investments – CLASS (investment pool)</b>	\$1,532,241
<b>Total unrestricted treasury balance</b>	\$5,491,952

### Customer Service Call Activity Details:



### Additional Follow Up – Garstin Operations Facility Project Costing

Given ongoing interest in design phase project cost tracking for the Garstin Operations Facility, a project balance report is attached with costs for architectural services highlighted in red text. Additionally, the latest invoice from PBK is attached in reference to the project balance report.



# Project Activity vs Budget Report

Big Bear Lake Dept. of Water & Power

Date Range: -

**Project Number**

[LI-23-001-01](#)

**Project Name**

Garstin Water Operations Facility

**Project Type**

Land Improvements

<b>Expenses</b>		<b>Total Budget</b>	<b>Total Activity</b>	<b>Budget Remaining</b>
<a href="#">LI2300101</a>	DWP - Labor	41,736	41,736	-
<a href="#">LI2300101C</a>	TBD - Construction	14,500,000	17,437	14,482,563
<a href="#">LI23001DB</a>	PBK - Bidding	36,000	-	36,000
<a href="#">LI23001DCA</a>	PBK - Construction Admin	144,000	-	144,000
<a href="#">LI23001DCD</a>	PBK - Construction Documents	360,000	180,000	180,000
<a href="#">LI23001DCON</a>	TBD - Contingency	50,000	-	50,000
<a href="#">LI23001DDD</a>	PBK - Design Development	72,000	72,000	-
<a href="#">LI23001DEI</a>	TDA - Environmental Impact	54,000	49,047	4,953
<a href="#">LI23001DGI</a>	PBK - Geotechnical Invest.	25,000	25,000	-
<a href="#">LI23001DHM</a>	PBK - Hazardous Material	6,000	-	6,000
<a href="#">LI23001DRA</a>	PBK - Reimbursable Allowance	10,000	3,499	6,501
<a href="#">LI23001DS</a>	PBK - Schematic Design	108,000	108,000	-
<b>Total Expenses:</b>		<b>15,393,561</b>	<b>496,718</b>	<b>14,896,843</b>

PBK Architects, Inc.  
 8163 Rochester Avenue, Suite 100  
 Rancho Cucamonga, CA 91730  
 P: 909-987-0909  
 accountsreceivable@pbk.com



## Application For Payment

August 31, 2024  
 Project No: 0000230269  
 Invoice No: 12

Reggie Lamson  
 City of Big Bear Lake DWP  
 39707 Big Bear Boulevard  
 P.O. Box 10000  
 Big Bear Lake, CA 92315-8900  
 San Bernardino

Project 0000230269 Big Bear Lake Water Operations Facility  
Professional Services from August 1, 2024 to August 31, 2024  
 Fee

Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
<b>BASIC FEES</b>					
Schematic Design	108,000.00	100.00	108,000.00	108,000.00	0.00
Design Development	72,000.00	100.00	72,000.00	72,000.00	0.00
Construction Documents	360,000.00	50.00	180,000.00	72,000.00	108,000.00
Bidding	36,000.00	0.00	0.00	0.00	0.00
Construction Administration	144,000.00	0.00	0.00	0.00	0.00
<b>Total BASIC FEES</b>	<b>720,000.00</b>		<b>360,000.00</b>	<b>252,000.00</b>	<b>108,000.00</b>
<b>PROJECT SPECIFIC FEES</b>					
Geotechnical Investigation	25,000.00	100.00	25,000.00	25,000.00	0.00
Hazardous Material Assessment	6,000.00	0.00	0.00	0.00	0.00
<b>Total PROJECT SPECIFIC FEES</b>	<b>31,000.00</b>		<b>25,000.00</b>	<b>25,000.00</b>	<b>0.00</b>
<b>Total Fee</b>	<b>751,000.00</b>		<b>385,000.00</b>	<b>277,000.00</b>	<b>108,000.00</b>
<b>Reimbursable Expenses</b>					
Printing/Reproductions 8/6/2024	A&I Reprographics		Reprographics		451.41
	<b>Total Reimbursables</b>				<b>451.41</b>

108,000.00 L123001(DC)

L123001

# AGENDA REPORT



*Service, Quality, Community*

**DATE:** October 22, 2024  
**TO:** Board of Commissioners  
**FROM:** Reginald A. Lamson, General Manager  
**RE:** **General Manager's Report**

## Capital Projects

### Garstin Water Operations Facilities:

On October 17, 2023, WSC, DWP, and USDA conducted a Teams meeting to meet the new USDA personnel and receive comments to the draft Preliminary Engineering Report (PER). USDA was also interested in possibly funding the solar component, what storm damage occurred during the 2022/23 winter storms, and grant funding to help maintain current capital spending levels. On July 5, 2024, Staff and WSC submitted the final draft of the PER to USDA for review. Staff submitted additional requested data to the USDA engineer on July 8, 2024. The engineer requested additional data on July 16, 2024, and staff completed the request on July 17, 2024.

On July 31, 2024, DWP and USDA had a zoom meeting to discuss their review of the PER. On August 2, 2024, Staff submitted a Sole Source Procurement Request for the Solar equipment, electrical service, battery backup, and backup generator; a revised project cost estimate that described some of the line items and reallocated the costs on those line items, but the total project cost is still the same; the final NEPA environmental report; and an Interim Finance Waiver Request. On September 12, 2024, USDA provided a revised version of the PER for our review. Staff and WSC reviewed this version of the PER, filled in most of the requested data, and submitted it to USDA on September 13, 2024. On September 17, 2024, USDA, WSC, and staff had a Teams meeting and USDA provided additional information to assist staff in completing the PER. Staff submitted additional data before noon on September 17, 2024, and USDA is finalizing the PER for submittal to Washington DC. On October 8, 2024, USDA had a few clarification questions regarding the PER and informed us that the interest rate dropped from 3.25% to 3.125. USDA hopes to have a Letter of Conditions for us to consider in two to three weeks. USDA assured us that funding will be in place so that we can start construction in Spring of 2025.

DWP staff has advised Big Bear Mountain Resort (BBMR) staff that relocating the snowmaking pipeline is no longer required for the project. BBMR located (potholed) their snowmaking pipeline within DWP's Garstin site and has finalized their scope of work to line the existing pipeline. BBMR lined a section of their pipeline through the Garstin site, during the week of September 9<sup>th</sup>. BBMR has completed their lining work.

On December 7, 2023, Staff worked with South West Gas staff and determined the location of their facilities (standard and high-pressure gas lines) within the existing easements on the east side of DWP's property, near the K-Mart Parking lot.

On January 8, 2024, Staff met with City staff regarding Planning Commission scheduling, permitting, and drainage modifications near the existing customer parking area. City staff provided some of the Planning Commission's preferences and PBK has incorporated some of those preferences into the Garstin Plans .

PBK and staff met with the City on April 30, 2024 to finalize the Planning Commission's submittal requirements. City staff liked the revisions that were made to the project elevations. City staff provided PBK with the requirements for a submittal to the Planning Commission. PBK submitted plans for review during the week of July 22<sup>nd</sup>. On August 28, 2024, PBK presented the Project to DRC, received minor comments, and submitted revised plans to the Planning Department on September 10, 2024. The Planning Commission approved the Garstin Project during their meeting on October 2, 2024.

On January 18, 2024, Staff met with Bear Valley Electric Service (BVES) staff regarding upgrading the electric/solar service for the Garstin Site and the electrical service for Lake Plant Well Nos. 5 & 6 sites. BVES is fine with eliminating the current electric services for Lake Plant Well Nos. 5 & 6 sites and combining them with the upgraded Garstin electric/solar service. On October 16, 2024, DWP submitted an application to upgrade the electrical service for the Garstin Facility.

DWP staff has replaced certain sections of mainline on the Garstin site in anticipation of constructing the new facilities.

### **Replenish Big Bear (No Change):**

The Replenish team submitted a work plan to evaluate existing domestic wells within 200 feet of the high-water level and determine if the Project will impact their water quality. Approximately eighty (80) private wells have been located. Of these 80 wells, only 41 of them are within 200 feet of the lakes high water level. Most of these wells are drilled within alluvium and will not be impacted by the Project. Tom Harder will have a report on which wells, if any, will be impacted by the Project. The 100% RO treatment also reduces or eliminates the blending requirement for percolating reclaimed/lake water into Sand Canyon. The meeting with DDW has greatly enhanced the feasibility of the project and the Replenish Team is preparing a detailed percolation plan for DDW's consideration.

Tom Harder is finalizing his report on which wells (within 200' of the high-water line), will be impacted by the Replenish Big Bear Project. The current lake level is about 4-feet from full, which is higher than it has been since 2012. The high lake levels allow for an easy comparison of lake levels versus static water levels. Tom has provided a list of 10 wells, around the lake, that he would like surveyed to compare lake level versus static water level. Mike Stephenson and I have surveyed 4 of the 10 wells and hope to complete the survey over the next couple of weeks.

WSC was authorized to finalize the permit application to the Regional Board and submitted the Report of Waste Discharge package on February 28, 2022. The Regional Board provided informal comments and requested additional information during the month of May 2022. WSC

provided additional information on June 1, 2022. Regional Board provided comments on August 26, 2022. On September 15, 2022, BBARWA sent a letter to the Regional Board requesting clarification regarding Surface Water Augmentation regulations. The Replenish team submitted the additional information requested within the August 26, 2022 Regional Board Letter on October 14, 2022.

On August 25, 2021, BBARWA approved a MOU for agencies that may benefit from Replenish Big Bear Project. The MOU has been distributed to other valley agencies for consideration. CSD approved the MOU on September 20, 2021, DWP approved the MOU on September 28, 2021, and the City of Big Bear Lake City Council approved the MOU on November 1, 2021. The Replenish Big Bear Team met with County Supervisor representatives and gave them a draft of the MOU for their consideration. The County approved the MOU in July 2022. The Replenish Team is working with each agency to determine how and how much they can contribute towards the project. Each agency will pay their "fair Share" of the O&M costs and possibly capital costs, which will reduce the project costs for the general public. DWP's proposed annual cost for percolation within Sand Canyon was presented to and approved by the Board on September 27, 2022. Additional cost-sharing meetings have been conducted.

Environmental Scoping Meetings and the Public comment period have been completed. A project Piloting schedule is provided with the project charts. Grant Funding opportunities are discussed below. Follow-up meetings to respond to some of the comments submitted during the Environmental Comment period were conducted with Mojave Water Agency and East Valley Water District during March. The Replenish team will continue to work with these Agencies and their concerns will be addressed within the environmental documents. Pilot testing of proposed treatment equipment continues and BBARWA provided tours of the pilot equipment on July 19, 2023.

David Lawrence provided a Project update Power Point Presentation during the September 26, 2023 Board meeting. A similar presentation has been given to CSD and BVBGSA. The draft EIR will be presented to the BARRWA Board on December 19, 2023 for final comments.

On March 19, 2024, BBARWA had a special meeting to update the public on the Replenish Big Bear Project and receive direction from the Board after the presentation. The meeting was well attended, and many members of the public spoke in favor and against the Project. The majority of the public were in favor of the project. Some of the Board members had some concerns and staff needed additional time to properly address their concerns. BBARWA staff have contacted WIFIA (the primary funding agency), and they indicated that a 6-month pause would not affect the terms of the loan. Over the next 2 to 3 months, BBARWA and other Bear Valley stakeholders will work together to develop letters of intents to better defined how each agency will participate with the project and a public workshop will be conducted to further educate the public about Project details. Pilot testing is now complete. The design consultant estimates that pilot study results and revised cost estimates will be available in the fall of 2024. A public workshop was conducted, and the treatment equipment met or exceeded expectations.

On August 12, 2024, the BBARWA Board considered certifying the environmental impact report and voted not to certify it. BBARWA has a meeting scheduled for September 25, 2024, to determine next steps.

## **Grants Update:**

Staff submitted two USBR Grant applications on October 5, 2021, one for the Wolf Reservoir & Boosters Replacement Project and one for the Division No. 9 Well & Well Pumping Plant Project. The grants required a 50% grant match. The USBR notified the DWP that we were not selected for this round of funding. We attended a debrief meeting with USBR on March 24, 2022. Staff incorporated USBR's comments and submitted two USBR Drought Resiliency Grant applications on June 15, 2022; one for the Wolf Reservoir Boosters & Pipeline Project and one for the Division No. 9 Well Drilling & Equipping Project. On December 22, 2022, the USBR notified the DWP that we were selected for funding in the amount of \$1,600,000 for the Wolf Reservoir & Boosters Replacement Project. This grant will provide 50% funding for the Wolf Pipeline Replacement Project. The grant agreement is finalized and USBR issued a Notice of Award.

We were not selected for funding for the Division No. 9 Well & Well Pumping Plant Project. On January 11, 2023, staff attended a debrief with USBR staff for the Division No. 9 Well & Well Pumping Plant Project and reapplied for the equipping portion of the Division No. 9 Well Project. Staff received additional information from USBR and we incorporated those comments into the grant application. On November 6, 2023, staff submitted a grant application with the USBR for the Equipping Division Well No. 9 Project. The grant requires a 50% grant match. On May 6, 2024, the USBR notified the DWP that we were selected for funding in the amount of \$500,000 for the Equipping Division Well No. 9 Project.

Staff submitted two USBR Small Scale Grant applications on April 28, 2022, for the Pontel Hydropneumatic System and the 6<sup>th</sup> Lane Pipeline Replacement Project. Each grant is for up to \$100,000 and require a 50% match. On January 5, 2023, the USBR notified the DWP that we were selected for funding in the amount of \$100,000 for the Pontel Hydropneumatic System. The grant agreement is finalized and USBR issued a Notice of Award.

On March 9, 2023, WSC informed staff of a Community Project Funding Request Grant that is being administered through Jay Obernolte's office. The proposed Garstin Water Operations Facilities meets many of the requirements for this grant. Staff worked closely with WSC and on March 17, 2023, staff submitted a \$1,500,000 grant application to Jay Obernolte's office. The application included nine letters of support from local agencies and politicians. Staff appreciates everyone that provided letters of support in a timely fashion. The Garstin Project was not selected for this funding opportunity. On April 29, 2024, WSC informed staff of the Fiscal Year 2025 Appropriations Request grant opportunity through Jay Obernolte's office. Staff submitted a \$1,500,000 grant application for the Garstin Water Operations Facilities and obtained letters of support from CSD and the County of San Bernardino. On May 29, 2024, we received communication from Jay Obernolte's office that the requested funding of \$1,500,000 for the Garstin Water Operations Facility is being recommended to be awarded funding through Appropriations. Final decision from Washington DC is expected in December.

On February 22, 2024, staff submitted an application with the USBR for the Solar Backup Power SCADA Project. The grant requires a 50% grant match. The Project will address the problem of frequent power outages in the Bear Valley and its impact on our SCADA systems functionality. The Solar Backup Power SCADA Project will ensure that even during power outages and natural disasters, the SCADA system components will continue to communicate with each other, communicate data real-time to staff's mobile devices, reduce greenhouse gas emissions, and minimize water loss. The requested grant amount is \$289,787.50 for forty-five SCADA site

upgrades and solar battery backup systems. DWP was notified that this request was not funded and on August 22, 2024, staff had a debrief meeting with USBR and we plan to resubmit in January 2025.

On July 9, 2024, staff submitted an application with the USBR for the Smart Meter Replacement Project. The grant requires a 50% grant match. The Project will replace existing AMI meters that are approaching the end of their battery life with Smart Meters, that were discussed during the June Board meeting. The requested grant amount is \$100,000 and the total project cost for this phase is \$225,000. On September 12, 2024, USBR notified DWP that the application has been rejected. Staff plans on resubmitting in 2025.

Grant applications for the Replenish Big Bear Project (Project) are as follows:

1. SAWPA/DWR - DCI Technical Assistance Grant: The Project team submitted an application for a \$500,000 grant on September 26, 2019. On November 19, 2019, the SAWPA Board approved an agreement to provide a \$500,000 planning grant. This grant is being used to reimburse the four BVBGSA agencies for a portion of project planning costs.
2. SAWPA/DWR – Prop 1 IRWM Grant: The Project team submitted an application for a \$4,500,000 grant on November 1, 2019. DWR notified the project team that our application is recommended for funding. Final award has been completed. This grant will reimburse the four BVBGSA agencies for project planning costs and fund a portion of the Project construction costs.
3. USBR – Title XVI Grant: The Project team submitted an application for a \$7,025,643 grant on April 22, 2021. The Administration's recent increase in funding for the drought stricken western states, along with an enhanced grant application, should improve our chances of receiving this grant. USBR has recommended a \$1,700,000 grant to help fund design, permitting, and pilot testing activities
4. The Replenish Big Bear Team had a Zoom Meeting with Congressman Obernolte on April 20, 2021. The Congressman informed us that he would be submitting Appropriations Applications and would like to include the Replenish Big Bear Project. The team submitted an application to the Congressman on April 22, 2021. Congressman Obernolte informed BBARWA that Congress has awarded the Replenish Big Bear Project \$960,000. Additional funding opportunities will be available next fiscal year.
5. On November 19, 2021, The Replenish Big Bear Team submitted a \$50,000,000 DWR grant application for consideration. DWR staff has stated that they are open to awarding partial funding for projects and encouraged us to request the full amount. Replenish Big Bear was not recommended for this funding. DWR informed the Replenish Big Bear Team that additional funding is now available, and they are reevaluating our current application.
6. USBR – Title XVI Grant-Phase II: The Project team submitted an application for a \$8,267,112 grant on March 11, 2022. BBARWA has been recommended for this funding.
7. The Replenish Big Bear Team had a Meeting with Congressman Obernolte regarding a possible 2022 Appropriation Application. The Congressman informed us that he would

be submitting Appropriations Applications and would like to again include the Replenish Big Bear Project. The team submitted an application to the Congressman in May 2022. This request has been included in the Federal Budget.

8. On June 13, 2024, Replenish Big Bear was recommended for another \$9,052,543 in funding through the Title XVI grant program.

Replenish Big Bear Grant Summary:

<b>Grant</b>	<b>Amount</b>	<b>Status</b>
DCI Technical Assistance	\$500,000	Awarded and Fully Funded
IRWM Prop 1, Round 1	\$4,563,338	Awarded, In Process
2021 Title XVI	\$1,600,000	Awarded, In Process
2022 EPA STAG	\$960,000	CEQA and NEPA must be completed prior to an Award
2022 Title XVI	\$8,267,112	Recommended for Funding
2023 EPA STAG	\$1,000,000	CEQA and NEPA must be completed prior to an Award
2024 EPA STAG	\$1,000,000	Recommended for Funding
2024 Title XVI	\$9,052,543	Recommended for Funding
<b>Total</b>	<b>\$26,942,993</b>	

**SAWPA Santa Ana River Watershed Weather Modification Pilot Program (No Change):**

On November 23, 2021, the Santa Ana Watershed Project Authority (SAWPA) provided a presentation to the Board on the Santa Ana River Watershed Weather Modification Pilot Program (Program). The Board requested staff investigate the Program and bring it back to the Board. On January 25, 2022, the Board approved financial support for the Program in the amount of \$3,000 annually for four years.

On October 13, 2022, we received the following update from SAWPA: “Unfortunately with the timing of CEQA completion for the project in June and securing an operations contractor in early August, we were unable to get the pilot project operations contractor on board in sufficient time to make the Nov. 2022 seeding start date, particularly with the need to execute 10 separate local seeding site operator agreements in the watershed. Consequently, the pilot project was postponed to start seeding to November 2023. In some ways, the delay works better for our efforts to secure 50% grant funding from the State as well since this grant funding would not be available from the State until late 2023.”

On August 16, 2023, participating partners received the attached update. The highlights are as follows:

1. The project received \$861,400 in Prop. 1 grant funding from DWR.
2. Biological Surveys are underway.
3. Equipment Set-Up is scheduled for September/October 2023

4. 1<sup>st</sup> Year Operation Period November 15, 2023 – April 15, 2023
5. 1<sup>st</sup> Year Pilot Report June 1, 2023

On November 15, 2023, SAWPA announced that the Program went live on that day and will continue through April 2027. For more information, visit the weather modification webpage at <https://sawpa.gov/santa-ana-river-watershed-weather-modification/>. SAWPA also established an email address, [weathermodification@sawpa.org](mailto:weathermodification@sawpa.org), for public inquiries regarding the Program.

Board members attended a SAWPA presentation and tour of the Weather Modification Pilot Program on Tuesday, April 9, 2024.

### **Bear Valley Basin Groundwater Sustainability Agency (No Change):**

On February 16, 2023, the BVBGSA had a Board meeting. The primary purpose of the meeting was to consider a proposal from Tom Harder and Associates to prepare the first Groundwater Sustainability Plan (GSP) Annual Report. The annual report is a requirement of the GSP. The report contains groundwater level information, water pumping information, and computes groundwater storage volume for the Bear Valley Basin. The BVBGSA Board approved the proposal and the funding of \$10,277.50 will come from each of the four member agencies. The GSP Annual Report was submitted to DWR on April 1, 2023.

On June 20, 2023, the BVBGSA had a Board Meeting. The primary purpose of the meeting was to adopt the FY 2023/24 Budget. David Lawrence provided an update on Replenish Big Bear to the Board including the following: The Replenish Big Bear Team will be submitting the Pilot Study Report to the Regional Board. The pilot equipment including the UV disinfectant and advanced oxidation process have been delivered. BBARWA will be piloting the equipment through September to ensure we can support the claims that we have made for the Replenish Big Bear Project. On July 19, 2023, BBARWA held an Open House and Pilot Tour. From 2:00 pm - 3:00 pm, the Regional Board and local Board members had an opportunity for a Pilot Tour and the public was invited to join BBARWA from 3:00 pm - 6:00 pm. Over 300 people attended the event.

On November 13, 2023, the BVBGSA Board approved an agreement with Tom Harder to prepare the GSP 2022/23 Annual Report contingent upon concurrence of approval by the member agencies that will be responsible for reimbursing the BVBGSA. The 2022/23 Annual Report was filed with DWR-SGMA on March 21, 2024.



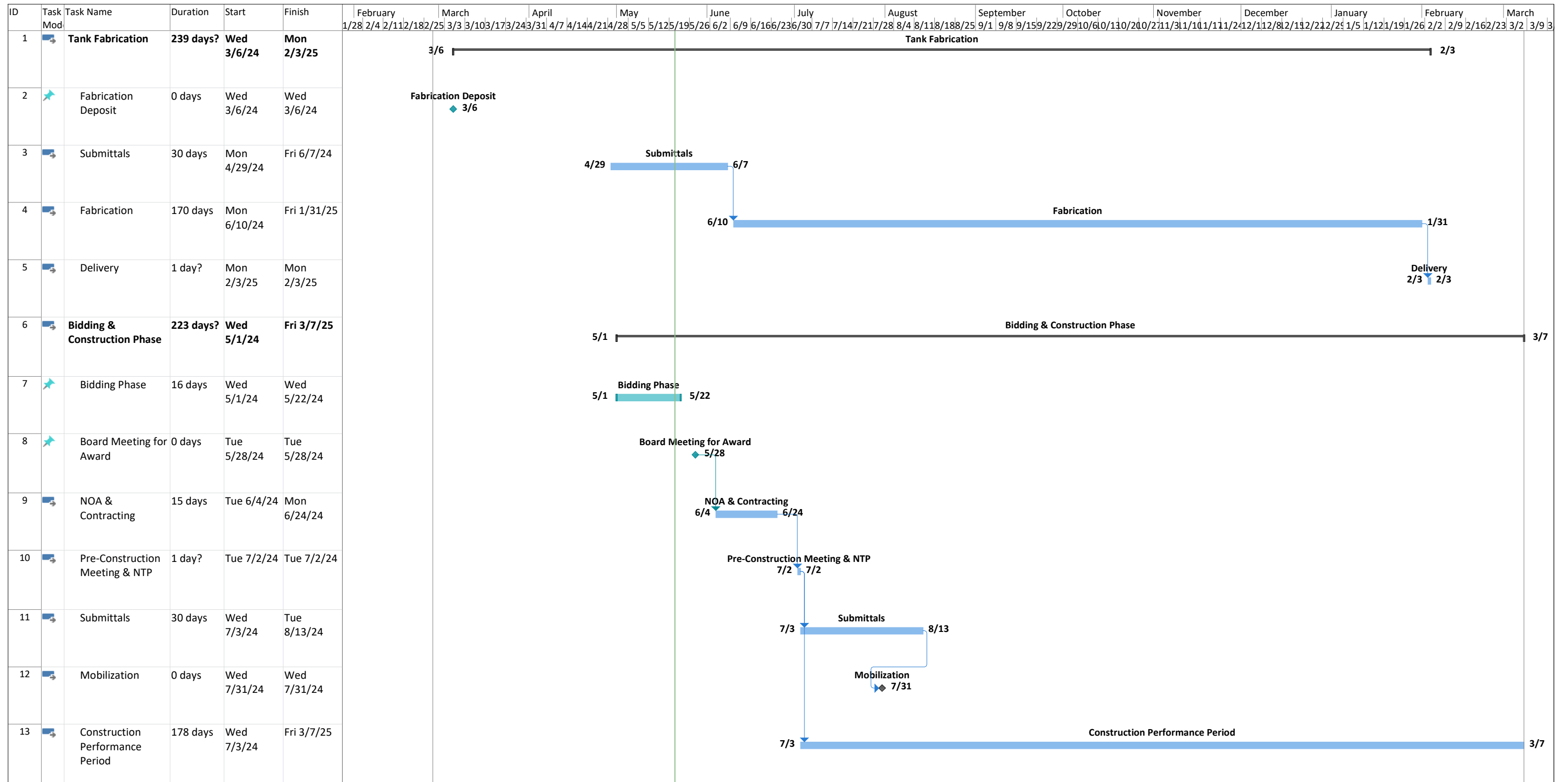
April 29, 2024

## PROJECT SCHEDULE

### Water Operations Facility City of Big Bear Lake

Project 230269.02

PHASE	DESCRIPTION	Duration in Days	Start Date	Completion Date
1.0	<b>Schematic Design</b>			Complete
2.0	<b>Design Development</b>	35	April 29, 2024	June 3, 2024
	Planning Department Submittal/Review	45	June 4, 2024	July 19, 2024
3.0	<b>Construction Drawings and Specifications</b>	89	June 5, 2024	September 2, 2024
	50% Submittal			August 5, 2024
	100% Submittal			September 5, 2024
	Initial Building Department Review	30	September 5, 2024	October 5, 2024
	Incorporate Review Comments	30	October 8, 2024	November 7, 2024
	Final Building Department Review	25	November 10, 2024	December 5, 2024
4.0	<b>Bidding</b>	35	December 8, 2024	January 12, 2025
	Bid Review and Approval	17	January 13, 2025	January 30, 2025
	Issue Contract and Notice to Proceed	7		February 6, 2025
5.0	<b>Construction</b>			
	Construction	535	February 6, 2025	July 26, 2026
	Punch List/Start UP	25	July 29, 2026	August 23, 2026
	<b>PROJECT COMPLETE</b>			<b>August 23, 2026</b>



Owner: Big Bear Lake DWP  
 Project: Pontell Hydropneumatic  
 Date: Tue 5/21/24

Task		Summary		External Milestone		Inactive Summary		Manual Summary Rollup		Finish-only		Manual Progress	
Split		Project Summary		Inactive Task		Manual Task		Manual Summary		Deadline			
Milestone		External Tasks		Inactive Milestone		Duration-only		Start-only		Progress			

#	Activity ID	Activity Name	Original Duration	Remaining Duration	Duration % Complete	Start	Finish	Total Float	Month											
									A	S	O	N	D	J	F	March 2025	April 2025	May 2025	June 2025	July 2025
1	<b>41480P - Wolf Reservoir (Big Bear Water &amp; Power)</b>		276	265	3.99%	23-Jul-24 A	28-Aug-25	102												
2	<b>Preliminary and Contractual Phase (Travis Rose)</b>		30	10	66.67%	23-Jul-24 A	20-Aug-24	357	▼ 20-Aug-24, Preliminary and Contractual Phase (Travis Rose)											
3	A1010	Turnover Package to Accounting	0	0	100%	23-Jul-24 A			over Package to Accounting											
4	A1020	Contract Executed	10	0	100%	23-Jul-24 A	07-Aug-24		Contract Executed											
5	A1030	Insurance Verification (COI)	5	0	100%	23-Jul-24 A	25-Jul-24 A		Insurance Verification (COI)											
6	A1000	Notice To Proceed (NTP)	0	0	100%	01-Aug-24 A	01-Aug-24		Notice To Proceed (NTP)											
7	A1050	Preconstruction Meeting	1	0	100%	01-Aug-24 A	01-Aug-24		Preconstruction Meeting											
8	A1040	Subcontracts Executed	10	10	0%	07-Aug-24	20-Aug-24	357	Subcontracts Executed											
9	<b>Engineering and Drafting Phase</b>		50	50	0%	24-Jul-24 A	17-Oct-24	206	▼ 17-Oct-24, Engineering and Drafting Phase											
10	A1060	Calcs for Submittal	25	0	100%	24-Jul-24 A	05-Aug-24		Calcs for Submittal											
11	A1070	Drawings for Submittal	25	25	0%	07-Aug-24	11-Sep-24	206	Drawings for Submittal											
12	A1090	Plate Takeoff / Cutfiles	5	5	0%	28-Aug-24	04-Sep-24	173	Plate Takeoff / Cutfiles											
13	A1080	AFC Drawings	5	5	0%	10-Oct-24	17-Oct-24	206	AFC Drawings											
14	<b>Prepare and Submittal Phase</b>		32	30	6.25%	05-Aug-24 A	18-Sep-24	337	▼ 18-Sep-24, Prepare and Submittal Phase											
15	A1100	Project Schedule	5	0	100%	05-Aug-24 A	07-Aug-24		Project Schedule											
16	A1120	Structural Calculations	5	0	100%	05-Aug-24 A	07-Aug-24		Structural Calculations											
17	A1110	SOV	5	30	0%	07-Aug-24 A	18-Sep-24	322	SOV											
18	A1140	Site Safety Plan (PRT)	15	30	0%	07-Aug-24 A	18-Sep-24	322	Site Safety Plan (PRT)											
19	A1150	Coatings Plan (J. Colon)	15	15	0%	07-Aug-24	27-Aug-24	193	Coatings Plan (J. Colon)											
20	A1720	DIR Registration	5	5	0%	07-Aug-24	13-Aug-24	357	DIR Registration											
21	A1260	Site BMP (CSE)	5	5	0%	07-Aug-24	13-Aug-24	357	Site BMP (CSE)											
22	A1280	Demo Plan (CSE)	5	5	0%	07-Aug-24	13-Aug-24	357	Demo Plan (CSE)											
23	A1130	Tank Design Drawings	5	5	0%	12-Sep-24	18-Sep-24	206	Tank Design Drawings											
24	<b>Review and Approval Phase</b>		45	45	0%	07-Aug-24	09-Oct-24	322	▼ 09-Oct-24, Review and Approval Phase											
25	A1170	Approved Structural Calculations	15	15	0%	07-Aug-24	27-Aug-24	173	Approved Structural Calculations											
26	A1200	Approved Site BMP (CSE)	5	5	0%	14-Aug-24	20-Aug-24	357	Approved Site BMP (CSE)											
27	A1270	Approved DIR Registration	5	5	0%	14-Aug-24	20-Aug-24	357	Approved DIR Registration											
28	A1710	Approved Demo Plan (CSE)	5	5	0%	14-Aug-24	20-Aug-24	357	Approved Demo Plan (CSE)											
29	A1700	Approved Coatings Plan (J. Colon)	15	15	0%	28-Aug-24	18-Sep-24	193	Approved Coatings Plan (J. Colon)											
30	A1160	Approved SOV	15	15	0%	19-Sep-24	09-Oct-24	322	Approved SOV											
31	A1180	Approved Tank Design Drawings	15	15	0%	19-Sep-24	09-Oct-24	206	Approved Tank Design Drawings											
32	A1190	Approved Site Safety Plan (PRT)	15	15	0%	19-Sep-24	09-Oct-24	322	Approved Site Safety Plan (PRT)											
33	<b>Procure/Receiving Phase</b>		60	60	0%	05-Sep-24	03-Dec-24	206	▼ 03-Dec-24, Procure/Receiving Phase											
34	A1320	Steel Plate	40	40	0%	05-Sep-24	31-Oct-24	173	Steel Plate											
35	A1350	Shop Applied Coatings	25	25	0%	19-Sep-24	24-Oct-24	193	Shop Applied Coatings											
36	A1340	Appurtenances / Accessories	30	30	0%	18-Oct-24	03-Dec-24	206	Appurtenances / Accessories											
37	<b>Shop Fabrication and Coating Phase</b>		30	30	0%	01-Nov-24	17-Dec-24	206	▼ 17-Dec-24, Shop Fabrication and Coating Phase											
38	<b>Paso Shop</b>		20	20	0%	01-Nov-24	03-Dec-24	173	▼ 03-Dec-24, Paso Shop											
39	A1360	Floor/Shell	5	5	0%	01-Nov-24	07-Nov-24	173	Floor/Shell											
40	A1380	Structure	5	5	0%	08-Nov-24	15-Nov-24	173	Structure											
41	A1400	Roof	5	5	0%	18-Nov-24	22-Nov-24	173	Roof											
42	A1420	Prep & Prime	5	5	0%	25-Nov-24	03-Dec-24	173	Prep & Prime											

■ Remaining Level of Effort   
 ■ Actual Work   
 ■ Critical Remaining Work   
 ▼ Summary  
■ Actual Level of Effort   
 ■ Remaining Work   
 ◆ Milestone

#	Activity ID	Activity Name	Original Duration	Remaining Duration	Duration % Complete	Start	Finish	Total Float	A												March 2025			April 2025			May 2025			June 2025			July 2025			A																																			
									0	1	2	0	0	1	2	3	0	1	2	0	1	2	0	0	1	2	0	1	2	0	1	2	0	1	2	0	1	2	0	1	2																														
43	<b>Hemet Shop</b>		10	10	0%	04-Dec-24	17-Dec-24	206																															17-Dec-24, Hemet Shop																																
44	A1450	Appurtenances	5	5	0%	04-Dec-24	10-Dec-24	206																															Appurtenances																																
45	A1470	Prep & Prime	5	5	0%	11-Dec-24	17-Dec-24	206																															Prep & Prime																																
46	<b>Site Demo (T-Rex)</b>		23	23	0%	19-Aug-24	19-Sep-24	181																															19-Sep-24, Site Demo (T-Rex)																																
47	A2040	Mobilize to Site	1	1	0%	19-Aug-24*	19-Aug-24	181																															Mobilize to Site																																
48	A1810	Install BMP & Erosion Control	3	3	0%	20-Aug-24	22-Aug-24	181																															Install BMP & Erosion Control																																
49	A1820	Clearing & Grubbing of Stumps & Foliage	3	3	0%	23-Aug-24	27-Aug-24	181																															Clearing & Grubbing of Stumps & Foliage																																
50	A1850	Demo BPS & Foundation	2	2	0%	28-Aug-24	29-Aug-24	181																															Demo BPS & Foundation																																
51	A1830	Demo & Contain Existing Tank & Subgrade	5	5	0%	30-Aug-24	06-Sep-24	181																															Demo & Contain Existing Tank & Subgrade																																
52	A1890	Demo Existing Underground Piping	3	3	0%	09-Sep-24	11-Sep-24	181																															Demo Existing Underground Piping																																
53	A1840	Demo Existing Electrical Facilities	2	2	0%	12-Sep-24	13-Sep-24	181																															Demo Existing Electrical Facilities																																
54	A1910	Demo Vault (Salvage Vault Lid)	2	2	0%	16-Sep-24	17-Sep-24	181																															Demo Vault (Salvage Vault Lid)																																
55	A1900	Demo Power Pole & Guy Wire	1	1	0%	18-Sep-24	18-Sep-24	181																															Demo Power Pole & Guy Wire																																
56	A2050	Demobilize	1	1	0%	19-Sep-24	19-Sep-24	181																															Demobilize																																
57	<b>Site Grating (Acosta Corp)</b>		15	15	0%	20-Sep-24	10-Oct-24	181																															10-Oct-24, Site Grating (Acosta Corp)																																
58	A1860	Rough Grading of Site	5	5	0%	20-Sep-24	26-Sep-24	181																															Rough Grading of Site																																
59	A1870	Overex & Recompact for Foundation	5	5	0%	27-Sep-24	03-Oct-24	181																															Overex & Recompact for Foundation																																
60	A1880	Off Haul of Spoils	5	5	0%	04-Oct-24	10-Oct-24	181																															Off Haul of Spoils																																
61	<b>Civil Phase (CSE)</b>		172	172	0%	11-Oct-24	23-Jun-25	102																															23-Jun-25, Civil Phase (CSE)																																
62	A1930	Install Formwork	5	5	0%	11-Oct-24	18-Oct-24	181																															Install Formwork																																
63	A1940	Install Rebar	3	3	0%	21-Oct-24	23-Oct-24	181																															Install Rebar																																
64	A1950	Install Anchor Bolts	3	3	0%	24-Oct-24	28-Oct-24	181																															Install Anchor Bolts																																
65	A1960	Pour & Finish Concrete	5	5	0%	29-Oct-24	04-Nov-24	181																															Pour & Finish Concrete																																
66	A1970	Backfill Perimeter to Subgrade	3	3	0%	05-Nov-24	07-Nov-24	181																															Backfill Perimeter to Subgrade																																
67	A2000	F & I 15" Storm Drain Line	2	2	0%	08-Nov-24	12-Nov-24	181																															F & I 15" Storm Drain Line																																
68	A2010	Install Gravity Headwall	2	2	0%	13-Nov-24	14-Nov-24	181																															Install Gravity Headwall																																
69	A2030	Demobilize 1	2	2	0%	15-Nov-24	18-Nov-24	181																															Demobilize 1																																
70	A1920	Return to Place Oiled Sand	1	1	0%	17-Mar-25*	17-Mar-25	103																															Return to Place Oiled Sand																																
71	A2060	Remobilize to Site	5	5	0%	30-May-25	05-Jun-25	102																															Remobilize to Site																																
72	A1980	Grout Tank & Cure	2	2	0%	06-Jun-25	09-Jun-25	102																															Grout Tank & Cure																																
73	A1990	Install Catch Basin	2	2	0%	10-Jun-25	11-Jun-25	102																															Install Catch Basin																																
74	A2020	Superseed Slopes	2	2	0%	12-Jun-25	13-Jun-25	102																															Superseed Slopes																																
75	A2070	Final Demobilization	5	5	0%	16-Jun-25	23-Jun-25	102																															Final Demobilization																																
76	<b>Field Erection Phase</b>		51	51	0%	19-Mar-25	29-May-25	102																															29-May-25, Field Erection Phase																																
77	A1440	Tank 1 Erection Phase Tasks	51	51	0%	19-Mar-25	29-May-25	102																															Tank 1 Erection Phase Tasks																																
78	A1560	Mobilize to Site	2	2	0%	19-Mar-25*	20-Mar-25	102																															Mobilize to Site																																
79	A1500	Lay - Fit - Weld Floor	5	5	0%	21-Mar-25	27-Mar-25	102																															Lay - Fit - Weld Floor																																
80	A1510	Hang - Fit - Weld Ring 1	5	5	0%	28-Mar-25	03-Apr-25	102																															Hang - Fit - Weld Ring 1																																
81	A1520	Hang - Fit - Weld Ring 2	5	5	0%	04-Apr-25	10-Apr-25	102																															Hang - Fit - Weld Ring 2																																
82	A1530	Hang - Fit - Weld Ring 3	5	5	0%	11-Apr-25	17-Apr-25	102																															Hang - Fit - Weld Ring 3																																
83	A1540	Hang - Fit - Weld Ring 4	5	5	0%	18-Apr-25	24-Apr-25	102																															Hang - Fit - Weld Ring 4																																
84	A1590	Install Center Column	3	3	0%	25-Apr-25	29-Apr-25	102																															Install Center Column																																
85	A1600	Install Internal Press Broke Roof	8	8	0%	30-Apr-25	09-May-25	102																															Install Internal Press Broke Roof																																

█ Remaining Level of Effort   
 █ Actual Work   
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 ◆ Milestone



# DEPARTMENT OF WATER



*Service, Quality, Community*

**DATE:** October 22, 2024  
**TO:** Erik Sund, City Manager  
**FROM:** Reginald A. Lamson, DWP General Manager  
**RE:** **DWP Monthly Update – September 2024**

## SERVICE DELIVERY

**Water services that were provided September 1, 2024 to September 30, 2024:**

<b>15,992</b>	Customers provided with water service.		
<b>348</b>	Field service calls completed.		
<b>1</b>	Main leak repaired.		
<b>7</b>	Main leaks year-to-date 2024	<b>6</b>	Main leaks year-to-date 2023
<b>11</b>	Service leak repairs		
<b>53</b>	Service leaks year-to-date 2024	<b>58</b>	Service leaks year-to-date 2023
<b>61.66</b>	Million gallons produced by wells.		
<b>\$950,269</b>	Processed in billings.		
<b>8,374</b>	Accounts processed in billings.		
<b>3,678</b>	Number of customers on E-bill		
<b>114</b>	New Accounts (includes tenant turnover).		
<b>9.025</b>	Equivalent Dwelling Units (EDU) added to the water system.		
<b>\$1,017,089</b>	Total Gross receipts processed.		

## BOARD MEETINGS:

The following was approved by the Board of Water and Power Commissioners at a Regular Board Meeting on September 24, 2024:

- The Board adopted Resolution No. DWP 2024-16 approving an amendment to DWP's Conflict-of-Interest Code.
- The Board approved Amendment No. 9 to WSC CIP Agreement for Design and Construction Management Services modifying Amendment No. 5 for the Pontell Hydropneumatic System Project.
- The Board approved Amendment No. 3 to WSC On-Call Services for Assistance in Obtaining Cal-Trans Permits for the installation of two Water Services.

Department of Water, City of Big Bear Lake

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# AGENDA REPORT



*Service, Quality, Community*

**DATE:** October 22, 2024  
**TO:** Board of Commissioners  
**FROM:** Reginald A. Lamson, General Manager  
**RE:** **Board Follow-Up Items**

**Background:**

At the end of the October 26, 2021 Board meeting, the Board requested an agenda item be added to all subsequent Board meetings that lists the Board Commissioner's requests for additional information from prior Board meetings and responses to those requests. Attached Exhibit A is the requested list.

**Fiscal Impact:**

None.

**Recommendation:**

Review and discuss as needed.

**Exhibit A**

**List of Responses to the Board Commissioner's Requests for Additional Information from Previous Board Meetings**

	<b>Board Commissioner's Requests</b>	<b>Response to Board Commissioner's Requests</b>	<b>Status</b>
1	Request analysis on monthly customer billings.	Staff to research the cost of moving to monthly customer billings.	On-going Estimated Completion 11/30/2024