

Hi-Desert Water District Priority Project List

Type	Project Name	Project Description/Status	\$	Ready	Funded	Priority #	Fund source	Lead	2024	2025	2026
Capital/ Water	Capital Replacement Program (CRP)	Replace old water mains and service lines. Design complete. Most areas have been completed and only a few years of pipeline replacement remains.	\$2M/Y	Yes	Yes	High	Budget CRP Rate	Ryan Abell			
Capital/ Water	Country Club CRP	Replace old pipe in the Country Club area, currently working on the north side of the highway on Pinon. Expected completion in late 2024. Staff secured from Supervisor Dawn Rowe's office to secure \$1M ARPA funds to cover the cost of the pipe and materials.	\$2M/Y	Yes	Yes	High	Budget CRP Rate ARPA	Ryan Abell			
Capital/ Water	Front Western Hills Booster Station Rehabilitation	Water system booster station rehabilitation. Project listed on IRWMP, \$675K IRWMP grant is approved through MWA, agreement signed. Work to be performed by HDWD staff. Parts were ordered in January. Boosters have been received, waiting on control panel. Hopefully by the end of the month. All underground material, pumps, and motors recieved	\$700K	Yes	Yes	High	IRWMP Prop1	Ryan Abell			
Capital/ Water	Tank Inspections	Inspection of tanks is budgeted for 22-23 fiscal year and has been rolled over to 23-24. Need to schedule inspections. After inspection report received, develop plan for repairs and budget as needed. Received second bid, currently under review.	\$35K	Yes	Yes	High	Budget	Glenn Ware			
Capital/ Water	Well 18E	Rehabilitate old well on Crestview near old Warren's Well in the mid-basin to provide for additional production. Water quality tests so far are good. The well needs new equipment and a raised pedestal due to the flood plain. Not in budget yet. Sample again in July 2024 and if good, bring proposal to move forward. Need to add chlorine generator, may be able to use a chlorinator from another facility. Take chlorinator from Well 11 and move over. Anticipated costs about \$10,000. Sampling is looking good so far.	\$10K	No	No	Low	TBD	Tony			

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Capital/ Water	Groundwater Replenishment and Reuse Project	Complete groundwater testing and monitoring report to determine best place to drill a recovery well at the wastewater treatment site and a design a pipeline to tie into the MB Pipeline turnout, to move water to the west side recharge basins. Need to secure funding for design and construction. Groundwater monitoring contract with West Coast approved at the March 15, 2023 board meeting. Groundwater testing is necessary to confirm the water can be moved to recharge basins without impacting water quality. West Coast is working on a project scope and fees for the grants. West Coast Civil will be preparing an outline/roadmap to present to the Board, scheduled for a future Board meeting. West Coast has prepared a draft Feasibility Study for BOR Grant. Next steps to apply for Bureau of Reclamation grant by October 7, 2024 and apply through IRWMP and SRF for local matching funds.	\$10-20M	No	No	High	IRWMP SRF Title XVI WaterSMART	Tony			
Capital/ Water	Reclaimed Water Line Project (recycled water purple pipe)	Design and build a purple pipeline to make use of the treated water and reduce demand on the potable water supply, which will improve water supply and drought resiliency. District applied for grants to fund 50% the planning of this project through the Bureau of Reclamation and the construction through congressionally directed spending. Board approved contract with West Coast Civil and preliminary design of the purple pipe is complete. Staff met with IFS and West Coast Civil to discuss the next Congressional Community Directed Funding request cycle. The intent is to simplify the request and broaden the scope to focus on drought resiliency and additional water supply through the use of the treated water at the plant for planning, design and construction efforts which include the GRRP and recycled water projects. The request will be for Federal Fiscal Year 2025. The Congressional Community Directed Funding application was submitted in May 2024 by Congressman Obernolte's office. IFS reported \$750,000 will be awarded in the next appropriation bill, which will likely pass after the election in December. Part of Bureau Grant with GRRP as a joint Drought Resiliency Project.	\$6M	No	No	High	IRWMP SRF Title XVI WaterSMART	West Coast/ Jen			

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Capital/ Wastewater	Solar Drying Building	Construct a solar drying building to dry solids to reduce shipping costs. Cost benefit analysis needs to be reviewed, two proposals in hand. Operations has completed their own analysis and does not believe it will result in originally stated savings. Need to look into feasibility and tour like facilities to make sure there are not any odor risks. NV5 will schedule a site visit to determine savings or not.	\$1.2- \$1.4M	No	No	Low	SRF	NV5			
Capital/ Wastewater	Phase II (and III) Sewer Collection System Project	Design and construct phase II sewer system to serve ~3,000 customers. The District has applied to the State Revolving Fund SRF for a grant; project listed in IUP Staff was told they intend to award HDWD's project \$103M for Phase 2 (area to be determine) non-repayable funds. We expect to begin negotiations of funding agreement to begin soon and final approved funding agreement in Sept/Oct 2024. Enviro MND adopted 2020. NV5 has been hired as the OR and will help with the SRF grant and procurement of the PDB. NV5 and staff are working with the State to finalize the grant approval and expect to enter into a funding agreement in Fall 2024. SRF Project Manager indicated they may award additional funding to this project. RFP to select PDBT has been released, due July 3rd. Per State's request, SRF application was updated to increase the grant amount to \$103.6M. State has signed the funding agreement. HDWD is considering options for bridge loan/revolving line of credit for construction. Staff is working with PDB on contract, will be coming to the Board soon.	Phase 2 \$84.6M Phase 3 \$95.4 Total \$180M	No	No	High	SRF & WIFIA	Tony			
Capital/ Wastewater	Phase II - Private Sewer Connection	Private sewer connection (Property Owner's Responsibility) Dependent on Phase II (and III) Design and Construction. Apply for MiniGrant with SRF (Expanded Use Loan). Need to determine if HDWD will require connection through an Ordinance and initiate O&M billing whether they connect or not. Eligible to apply for Expanded Use Loan or Grant like Phase I, application needs to include environmental document.	TBD	No	No	High	SRF ?	Tanya/ Paul			
Capital/ Wastewater	Phase III Sewer Collection System Project	Design and construction last Phase of sewer system. Wait until we are awarded Phase II funding and begin construction before we apply for additional funding for Phase III. Pursue Basin Plan Amendment and funding.	\$95.4 or \$76.4 million.	No	No	High	SRF?	Jen			

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Energy	Clean Energy Vehicles/CNG	Identify timeline for implementing vehicles into the fleet as cost benefit becomes viable. Research regulatory requirements and exemptions for utilities and emergency response vehicles.	TBD	No	No	Med	SCE CHARGE READY AQMD	Tony			
Capital/Water	Generator	Procure an Emergency Power Generator - SB100 Compliance for Main Building. Need identify funding in budget and/or secure grant funding.	\$500K	Yes	No	Med	DWR CalOES	Ron			
Capital/Wastewater	Phase I - Deferred mainline	Install sewer mainline in deferred areas for Phase 1 when feasible. Need a policy on how to connect deferred properties and determine how to charge customers. Needs funding & design.	TBD	No	No	Low	SRF	NV5			
Capital/Energy	Solar Improvements	Project canceled or on hold due to financing or PPA impact to the SRF loan/grants. Potential to pursue smaller energy savings and/or solar projects that do not require financing. This project may be included in a future Phase III SRF application if there are benefits to the wastewater plant. ENGIE is coming back to the Board now that the agreement is signed. ENGIE has extension on the NEM 2.0 Applications still with SCE.	TBD	No	No	Low	UNKNOWN	Tony			
Capital/Water	Ames Reche Recharge Project #2	New Well, recharge facility, and pipeline to to extract and recharge new well field. Conceptual phase, need funds to design. Need to get project listed on IRWMP. Going to try to do the work in house on property owned by Bighorn-Desert View. Meeting with MWA GM will be scheduled to work out the partnership.	\$10M	No	No	Med	IRWMP BRIC	Tony			
Capital/Water	Bighorn DVWA Tie In	A redundant tie between HDWD and Bighorn. BDVWA Project Lead / HDWD Partner only. IRWMP funding to Bighorn. Location Winters Rd & Landers Lane. Agreement before the HDWD Board on June 5th 2024. BDVWA is working on the project.	N/A	N/A	N/A	Low	IRWMP	Tony			
Capital/Water	Storm Water Capture for Groundwater Replenishment	Coordinate with the County Flood Control Distict to explore options for storm water capture for groundwater replenishment to reduce reliance on the State Water Project imported water. Conceptual. Jennifer met with County on 11/29 to discuss agreement language and will set up a follow-up meeting. County would be the lead agency and can include local basins in their State plan.	TBD	No	No	Low	SRF/IRWMP/B OR/ Title XVI	Tony/Jen			

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Water Resources	MWA Pipeline Agreement (ID-M Agreement)	Staff/legal reviewing MOU and agreements to negotiate a new agreement. General Manager reviewed all documents, has engaged legal and has been meeting regularly with ID-M Managers. MWA is suggested two replacement agreements: one for connection and another for governance. MWA agrees the original agreement should be the foundation for the new agreements. AD Hoc Committee to met 8/22, 10/29, 12/13 and 2/12. MWA provided draft outline and 2002 MOU. Last meeting was 3/18 10 a.m. at Bighorn. Committee reviewed the MOU and outline and provide comments. All agree the 2002 MOU was an extension of the agreement for 50 years. Pipeline Commission requested something in writing in the next few months.	TBD	N/A	N/A	High	Rates	Tony			