

Activity Fund # / Project Name	Budgeted Cost	Comments
4102 / Ephemeral Streamflow Monitoring	\$150,000	<p>Ephemeral Streamflow &amp; Groundwater Monitoring &amp; Palominas Research Project : CCRN Surface water flow monitoring along ephemeral watercourses tributary to the USPR. Measurement of groundwater depths. This is to estimate the natural surface water runoff flow depths, rates and volumes of the tributary watercourses annually to understand rainfall/runoff characteristics to guide improvements in potential future aquifer recharge design.</p> <p>Stream gauges on San Pedro at Lewis Springs, Palominas, Hereford, Charleston and Tombstone.</p> <p>Stream gauging at Banning Creek, Ramsey Canyon, Upper Babocomari (west of 90), Palominas, Babocomari</p> <p>Groundwater Discharge Horsethief, Murry Springs, Moson Springs, Lewis Springs, McDowell-Craig farm, Riverstone</p> <p>13 basins in the Palominas Recharge site (5 groundwater wells, 14 stilling wells in detention and in-channel basins, 6 stilling wells in drywells and 3 in infiltration trenches, soil moisture monitoring at 1 vadose zone borehole, 3 precipitation gauges (one on site the other 2 upstream in the watershed).</p>
4103 / Coyote Wash	\$2,050,000	<p>Estimated Construction Cost \$6,500,000. CCRN Project started in October 2014.</p> <p>Phase 1 \$292,641- 2014-1015 Site Screening for recharge feasibility and preliminary hydrologic analysis and final alternatives analysis report; 2017 – 2018 Phase II \$223,323 – Final recharge investigative report; 2022 – 2025 Final Design - \$309,157. Construction Fall 2025 at estimated cost of \$6,500,000. Construction Grants – REPI \$1,5M, WIFA \$3M, Governor Hobbs \$1.5M and CC FCD Funds \$500k. Construction cost keep going up.</p> <p>Coyote Wash is on the FCD Bella Vista Ranch (TNC bought with ACUB funds and TNC holds the conservation easement ) 2,984 acres deeded and 4,066 acres State Lease.</p>
4104 / Horseshoe Draw Erosion	\$550,000	<p>Repair Outlet Spillway CCRN Recharge site on San Jose Ranch. Planning &amp; Design 2015 - 2016 Constructed 2017. Ranch had design/built with grant</p>

		funds from ADEQ and Buffet. Constructed then conveyed to FCD stormwater structures for maintenance. Helps prevent flooding on Paloma Trail. 2017 construction cost \$1.8M. Recharge basin is about 17 acres
4105 / 3 Canyons	\$70,600	Improve Watershed, Increase Infiltration CCRN 2014 480 acres and Sierra Vista holds the conservation easement. Grazing and property management to increase infiltration that will then decrease flooding and potential to increase recharge.
4106 / USGS	\$125,000	Stream Guage Monitoring
4107 / Riverstone	\$210,000	Design recharge pond, City of Sierra Vista Effluent CCRN TNC bought in 2012 and they hold the conservation easement. FCD property 1,811 acres Initial project studies 2013 – 2014, groundwater and surface water monitoring started in 2016 (monitoring site part of the above Ephemeral Streamflow Monitoring). Recharge feasibility and design 2023. Final design to be completed 2026.
4108 / Babocomari	\$25,000	Potential future recharge site TNC holds conservation easement, 600 acres
4109 / Bisbee Effluent	\$375,000	Acquire Property for Recharge Site CCRN To acquire property for recharge site for Bisbee Effluent.
4110 / ALERT	\$102,000	Rain gauges, weather alerts from NOAA Automated Local Evaluation in Real Time 21 stations in Cochise County. NOAA National Oceanic & Atmospheric Administration
4111 / Bay Acres	\$251,957	Complete Design, NEPA Clearance, Research ROW Analysis and design, 2023 – 2025. Then get NEPA clearance and ROW. Diversion ditch east side of Bay Acres to divert stormwater to Pome Grove Wash that then flows to Whitewater Draw.

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4112 / Leslie Canyon Ponds	\$1,750,000	ADWR Regulatory DAM, final design, reconstruction of inlet/outlet and repair berm <b>Design cost \$219,250. Possible help with construction cost ADWR (Arizona Department of Water Resources) they have oversight of Jurisdictional Dam. Leslie Canyon Pond is owned by Leslie Canyon Water User Association owns the dam. Pond berm breached and flooded resident and downstream roads in 2012 and 2022.</b>
4113 / Pomerene Watershed	\$400,000	Watershed study, flooding of Pomerene Road <b>Phase 1 2025 – 2026. Study watershed to develop 2 alternatives to help relieve flooding of residential property and on Pomerene Road</b>
4122 / Watershed Studies	\$300,000	Willcox Basin Study <b>Study Willcox watershed basin of FEMA and FCD Regulatory flows for potential site to construct flood control structures and recharge.</b>
No Activity Line	\$814,515 \$126,500 \$565,000  \$250,000 \$1,087,955 \$141,402 \$250,000 \$200,000	Wages, benefits Supplies & equipment <b>Professional services (Douglas Basin and POE Watershed Study) Study like what we are doing in Willcox and update FEMA Maps for floodzones for the new POE and James Ranch Road</b> Repairs and maintenances of drainage channels Contingency, storm damage, <b>flooded roads</b> Training, permits, overhead, maintenance Per Parcel Fee Transfer to Other Agencies, County Cities for Flood Projects
Total	\$9, 794,929	<b>FCD does have a grant from Army COE to study Rucker Creek and the flooding to Elfrida. At this time no cost to the County.</b>