Chatfield Watershed Authority 2022 Budget Planning Workbook Revision (For Information Only)

10/17/2022

All Financial Numbers Rounded to the Nearest Dollar

Line Item #		2018 Budget	2019 Budget	2020 Adjusted Budget	2020 Actual	2021 Adjusted Budget	2021 Actual	2022 Original Planning Budget	2022 Adopted Budget	2022 Current Budget (as amended)	2022 Current Budget (estimated as of 9/30/2022)	2023 Planning Budget	2023 Proposed Revised Budget	2024 Planning Budget	2025 Planning Budget	2026 Planning Budget	2027 Planning Budget	2028 Planning Budget	Line Item Comments for 2023 Proposed Budget
	Income																		
4001 - 4019	Member Dues	$170,005	$172,005	$170,005	$170,005	$172,005	$172,005	$172,005	$208,806	$208,806	$208,806	$206,406	$204,006	$204,006	$204,006	$204,006	$204,006	$204,006	
4038 - 4045	Monitoring In-Kind	$74,546	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	**Monitoring: In-Kind Income is matched with In-Kind Expenditures (Line Item 5111)**
4103	Interest Income	$0	$20	$0	$67	$0	$39	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	Other- Voluntary Dues /Other Income	$2254	$0	$2,500	$13,460	$0	$12,005	$2,000	$0	$0	$0	$2,400	$4,800	$4,800	$4,800	$4,800	$4,800	$4,800	
	Total Income	**$246,805**	**$244,171**	**$244,651**	**$255,678**	**$244,151**	**$256,195**	**$246,151**	**$280,952**	**$280,952**	**$280,952**	**$280,952**	**$280,952**	**$280,952**	**$280,952**	**$280,952**	**$280,952**	**$280,952**	
	Expenditures																		
5001	Management Fees - Technical	$94,518	$0	$73,000	$68,524	$70,000	$64,982	$72,100	$77,100	$87,100	$82,100	$76,426	$81,426	$78,719	$81,080	$83,513	$86,018	$88,599	**Moved $5000 for Lakes Nutrients Rulemaking from 2022 to 2023.**
5002	Management Fees - Authority	$0	$30,000	$36,600	$28,470	$35,000	$35,000	$36,050	$36,050	$36,050	$36,050	$39,655	$39,655	$40,845	$42,070	$43,332	$44,632	$45,971	
5003	Website Hosting	$3,000	$3,475	$3,600	$3,750	$7,100	$4,450	$3,708	$3,708	$3,708	$3,708	$3,930	$3,930	$4,048	$4,170	$4,295	$4,424	$4,557	
5004	NPS Projects and Consultants	$2505	$0	$45,500	$31,588	$34,400	$6,740	$69,000	$64,000	$62,713	$38,713	$74,000	$92,000	$134,000	$29,000	$29,000	$29,000	$29,000	**Added $18,000 to catch up on watershed/reservoir linkage**
5005	Legal - Admin	$0	$12000	$20,000	$17,475	$56,100	$57,358	$20,600	$59,240	$84,240	$59,240	$33,644	$58,640	$34,654	$35,693	$36,764	$37,867	$39,003	**Moved $25000 for Lakes Nutrients Rulemaking from 2022 to 2023**
5006	Misc. Admin.	$385	$35	$500	$0	$500	$106	$515	$515	$515	$515	$546	$546	$562	$579	$597	$614	$633	
5007	Prof'l. Fees – Financial	$12,000	$12,000	$12,000	$12,000	$12,000	$9,750	$12,360	$9,750	$9,750	$9,750	$9,750	$9,750	$10,043	$10,344	$10,654	$10,974	$11,303	
5103	Monitoring	$0	$17000	$5,000	$0	$0	$0	$5,150	$5,150	$5,150	$5,150	$5,459	$5,459	$5,623	$5,791	$5,965	$6,144	$6,328	
5109	Public Outreach	$3,800	$1550	$1,550	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0					
5110	Insurance	--	$4000	--	--	--		--	--	--	--	--	--	--					
5015	Technical and Other Consultants	--	$87700	--	--	--		--	--	--	--	--	--	--					
5115	Pub Outreach - Consultants	--	$3,800	$2,200	$565	$0	$0	$0	$0	$0	$0	$0	$35,000	$0	$0	$0	$0	$0	**Added $35,000/yr. for potential lobbyist for securing long term funding .**
5117	Pub Outreach - Sponsorships	--	$500	$500	$235	$500	$450	$515	$515	$515	$515	$546	$546	$562	$579	$597	$614	$633	
5111	Monitoring In- Kind	$74,586	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	$72,146	**Monitoring: In-Kind Expenditures matched to In- Kind Income (Lines 4038-4045)**
	Total Expenditures	**$190,794**	**$244,206**	**$272,596**	**$234,753**	**$287,746**	**$250,982**	**$292,144**	**$328,174**	**$361,887**	**$307,887**	**$316,103**	**$399,098**	**$381,201**	**$281,453**	**$286,862**	**$292,434**	**$298,172**	
	Net Change in Fund Balance	**$56,011**	**-$35**	**-$27,945**	**$20,925**	**-$43,595**	**$5,213**	**-$45,993**	**-$47,222**	**-$80,935**	**-$26,935**	**-$35,151**	**-$118,146**	**-$100,249**	**-$501**	**-$5,910**	**-$11,482**	**-$17,220**	
	Ending Fund Balance (Budget)	$290,814	$290,849	$262,904		$268,179		$270,994	$269,765	$236,052	$290,052	$254,901	$171,906	$71,656	$71,155	$65,245	$53,763	$36,543	**Policy is to maintain minimum ending fund balance of $100,000.**
	Ending Fund Balance (Actual/Estimated)	$290,814	$290,849		$311,774		$316,987								**This Planning Budget does not include potential expenditures in 2025-2028 for a full Regulation #73 rulemaking hearing and TMAL revision, nor other potential unknown expenses and desired expenditures (i.e. 2027 Lakes nutrients rulemaking & added NPS projects).**				

DRAFT

Chatfield Watershed Authority 2022-2028 Budget Planning Workbook (For Information Only)

10/17/2022

Current Planned Budget	2022	2023	2024	2025	2026	2027	2028	Total	Comments
Beginning Balance	**$ 316,987**	**$ 290,052**	**$ 171,906**	**$ 71,656**	**$ 71,155**	**$ 65,245**	**$ 53,763**		
Net Revenues	$ 280,952	$ 280,952	$ 280,952	$ 280,952	$ 280,952	$ 280,952	$ 280,952	$ 1,966,664	
Net Expenses	$ 307,887	$ 399,098	$ 381,201	$ 281,453	$ 286,862	$ 292,434	$ 298,172	$ 2,247,108	
Net Change	**$ (26,935)**	**$ (118,146)**	**$ (100,249)**	**$ (501)**	**$ (5,910)**	**$ (11,482)**	**$ (17,220)**	**$ (280,444)**	
Projected Ending Balance	**$ 290,052**	**$ 171,906**	**$ 71,656**	**$ 71,155**	**$ 65,245**	**$ 53,763**	**$ 36,543**		
Possible Future Expenses									
Lakes/Nutrients Rulemaking					$ 50,000	$ 50,000		$ 100,000	Rely on Others Analysis
Regulation #73 Rulemaking (after 2022)									
General Rulemaking				$ 40,000	$ 20,000			$ 60,000	Legal/Technical
TMAL Revision			$ 75,000	$ 100,000	$ 100,000			$ 275,000	Modeling/Stakeholders
Increase Projects Budget				$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 120,000	Build One Project
Cost to Secure Additional Funding								$ -	Unknown
Total Additional Potential Expenses	**$ -**	**$ -**	**$ 75,000**	**$ 170,000**	**$ 200,000**	**$ 80,000**	**$ 30,000**	**$ 555,000**	
Projected Ending Balance	**$ 290,052**	**$ 171,906**	**$ (3,344)**	**$ (173,845)**	**$ (379,755)**	**$ (471,237)**	**$ (518,457)**		
Potential Dues Increase (or other funding to maintain 2028 ending fund balance of $100,000).			**$ 123,691**	**$ 123,691**	**$ 123,691**	**$ 123,691**	**$ 123,691**	**$ 618,457**	**61%**
Projected Net in CWA Account	**$ 290,052**	**$ 171,906**	**$ 120,348**	**$ 73,538**	**$ (8,681)**	**$ 23,529**	**$ 100,000**	**$ 816,788**	

WATERSHED SERVICES AND PROJECTS : 2021 - 2024							
10/17/2022 Draft							
TMAL DEVELOPMENT							Comments
Description	Cost Estimate	In-kind	Agency	Consultant Support	Year	Outcome	
Triennial Review Informational Hearing	Included in Technical		CWA	Tech. Consultant	2021 &2022	Provide status update to the WQCC	
Reassign Load Allocations, assuming WLA remain static	$40,000		CWA	Lynker/ Tech. Consultant	2024	When required by the WQCC	
Total 2021-2024	**$40,000**						
WATERSHED MODEL							
Model Update	$0	$10,000 DWB	CWA	Lynker	2021	Update model to include the last 5 years of water quality data.	Done
Model Refinement	$16,000		CWA	Lynker	2023	Review and analize results.Refine model calibration if warrented from scenario results and/or use of updated information.	
Scenario Runs	$24,720		CWA	Lynker	2021	Use of model for running management scenarios to target problem areas, quantify benefits of NPS projects in the watershed, and evaluate options for reducing nutrient loads to Chatfield Reservoir.	Done
Scenario Runs	$33,000		CWA	Lynker	2024	Use of model for running management scenarios to target problem areas, quantify benefits of NPS projects in the watershed, and evaluate options for reducing nutrient loads to Chatfield Reservoir.	
Watershed / reservoir model linkage	$5,000		CWA	Lynker/Hydros	2023	Explore methodology to link the watershed model to the reservoir model - Coordination with CRMC	Move to 2023 from 2022
Watershed / reservoir model linkage	$37,000		CWA	Lynker/Hydros	2023	Establish methodology to link the watershed model to the reservoir model - Coordination with CRMC	Move to 2023 from 2022
Watershed / reservoir model linkage	$37,000		CWA	Lynker/Hydros	2024	Link the watershed model to the reservoir model - Coordination with CRMC	
Total 2021-2024	**$152,720**						
NPS PROJECT FUNDING							
Description	Cost to CWA	In-kind Costs	Primary Funding Agency(s)	CWA Partnership Opportunities	Year		
Wildfire Mitigation	$29,000/Year	??	??	Mitigation Projects / Grant Funding	2022-2024	Includes $5000 Hilldale Pines Wildfire Mitigation Grant Pledge (Assume now in 2023)	
Agricultural Mitigation				NRCS Grants / CALF	2022-2024		
Septic Systems Mitigation				Tri-County Health	2022-2024		
Erosion Mitigation				Stream Sampling Plan, Grant Funding	2022-2024	Includes $5000 for WPCSMP (2022)	
2021-2024	**$116,000**	$29,000/yr for 4 years					
Total Year 2021	**$48,720**						
Total Year 2022	**$34,000**						
Total Year 2023	**$92,000**						
Total Year 2024	**$134,000**						
Grand Total	**$308,720**						