

Lake Management Districts:	Primary Reponsible Party:
1 Bone Lake	EOR
2 Little Comfort Lake	District staff
3 Forest Lake	Subconsultant
4 Comfort Lake	Contractor

Comfort Lake - Forest Lake Watershed District
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EOR Project Tracking		Project Tasks	2020	2021												2022	2023	Recent Activities	Upcoming Activities	Comments		
				Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.							
3000 - Programs																						
3002	Permitting	As submitted																		Timber Ridge II & Forest Hills Farm 2nd permit reviews.	Ongoing permit reviews.	
3003	Monitoring & Data Assessment	District-led Monitoring Assistance																		Reviewed District staff's 2020 DIY and CAT monitoring report.	Finalize 2021 monitoring plan with District staff.	
		Lake Monitoring																		Met Council lake water quality data still undergoing QA/QC. Meeting with District staff on 2/19 to discuss 2021 water monitoring plan.	Finalize 2021 monitoring plan with District staff.	
		Stream Monitoring																			Finalize 2021 monitoring plan with District staff.	
3006	Tech Resource Sharing	3006C - H&H Model Update																		Additional groundwater parameterization to improve model calibration. Additional model quality control.	Finalize calibration and validation runs. Finalize calibration/validation statistics. Determine best fit for calibration/validation years. Perform final QA/QC on calibration results. Gather information for and complete final model write up.	Multi-year effort.
		3006F - Watershed Management Plan Update																		Plan revisions to address Board comments at 1/19 workshop. Board workshops on 2/9 and 2/11. Additional Plan revisions.	Board approval of draft Plan for 60-day review. Address additional map and formatting revisions during 60-day review.	Multi-year effort.
3007	Research	Hayward cattail harvest pilot																		Reviewed District staff's 2020 cattail harvest pilot report. Claros unable to pursue additional stormwater treatment at this time.	Assist District staff with 2021 cattail harvest planning as needed.	
3009	Grant Research & Preparation	Various																		CWF grant pre-work plan meeting with Dan Fabian on 2/10.	Assist District staff with CWF work plans and budgets. Assist District staff with nine-element work plan for Targeted 319 grant as needed.	
3010	O&M	Moody and Shields Lake aerators																		None.	Assist District staff as needed.	
		Forest Lake outlet repairs																		Outlet grate removal construction oversight on 1/29.	Construction observation and project close-out.	
		Bone/Shields Lake fish barriers																		None.	Assist District staff as needed.	
		WQ improvement projects																		Final FHGC reuse O&M manual updates.	Assist District staff as needed.	
3011	AIS Management	Project management																		None.	Provide assistance as requested by District Staff.	
5000 - Projects																						
5220-A	Volume Control Planning PM: Greg Graskie	Regional Treatment Location Identification																		Concept designs and cost estimates. Meeting with the City of Forest Lake on 2/22 to discuss downtown planning and regional treatment.	Update Comfort Diagnostic report with regional stormwater treatment concept designs and cost estimates. Ongoing coordination with MnDOT and City of Forest Lake.	
5220-B	Greenway Visioning PM: Kevin Biehn	Data collection & corridor design Visioning workshop #1 WJD-6 greenway concept plan																		Digitize ditch network, update parcels, and refine GIS prioritization model. Review CONSERVATION prioritization product. Tranquility Pond modeling.	Greenway Visioning Workshop with Board on March 16.	
1- 5222-F1	Bone Lake SWA Implementation PM: Meghan Funke Bone Lake Reduction: 90 lb TP/yr Moody Lake Reduction: 24 lb TP/yr	Tasks TBD																		Met with District staff to discuss SWA protocol and ACPF results.	Assist with project implementation as directed by District staff.	Multi-year grant, ending Dec. 2021. Preliminary life cycle cost estimate: \$1,239/lb TP/yr
1- 5222-F2	Bone Lake NE Wetland Restoration PM: TBD Bone Lake Reduction: 15 lb/yr	Tasks TBD																		CWF grant pre-work plan meeting with Dan Fabian on 2/10.	Assist District staff with grant work plan and budget. Complete scope of services for Engineering assistance for Board approval.	Multi-year grant, ending Dec. 2023. Preliminary life cycle cost estimate: \$250/lb TP/yr
1- 5422-H	Bone Lake Drained Wetlands PM: Ryan Fleming Bone Lake Reduction: 30 lb/yr	DCB wetland																		Finalize change order. Site visit and survey control points on 2/4. MNL installed most of the riprap weir on 2/4, resumed construction on 2/17 to excavate the pond area and haul material to spoils site.	Continue construction oversight: MNL to finish excavating the pond and hauling to spoils site. Complete drainage crossing on Dunn's trail. Goal is to complete construction by the end of February.	Multi-year grant, ending June 2020. Preliminary life cycle cost estimate: \$220/lb TP/yr
2- 5225-C 5225-D	Little Comfort Implementation PM: Meghan Funke Reduction: 206 lb/yr	Heath Avenue implementation																		CWF grant pre-work plan meeting with Dan Fabian on 2/10.	Assist District staff with grant work plan and budget. Complete scope of services for Engineering assistance for Board approval. Schedule sediment core collection for alum dosing.	Multi-year grant, ending Dec. 2023. Preliminary life cycle cost estimate: \$250/lb TP/yr
		School Lake outlet channel																				
3- 5228-D	Forest Urban Stormwater Retrofits	Dead end street retrofits																		Assist District staff with WBIF project identification.	Assist District staff as needed with project design and engineering.	
3- 5228-L1	WJD 6 Implementation PM: Kyle Crawford Reduction: 85 lb TP/yr	CR-50 IESF Feasibility Design																		Provide alternative concept design for alternative project location to assist District staff with landowner and realtor discussions.	Design work on a bit of a pause until discussions with landowners advance.	Multi-year grant, ending Dec. 2022. Preliminary life cycle cost estimate: \$700-900/lb TP/yr
4- 5229-A	Comfort Lake Diagnostic Phase 2 PM: Meghan Funke Reduction: n/a	1. Watershed Characterization 2. Water Quality Modeling 3. Goals & Implementation																		Completed additional modeling of Shallow Pond improvement scenarios, map high water level impacts and compare with FEMA floodplain.	Update diagnostic report with Shallow Pond modeling. District staff review of report and final revisions.	Multi-year effort.
4- 5229-E	BMP Impl. on Tax Forfeit Land PM: Kevin Biehn Reduction: 141 lb/yr	Sunrise River Drained Wetland Restoration Feasibility Design																		Idle due to possible land acquisition.	Project on hold due to adjacent land ownership transition.	Multi-year grant, ending Dec. 2022. Preliminary life cycle cost estimate: \$152/lb TP/yr
5920-A	Land Acquisition Review PM: Jason Naber	Various sites																		None.	Initiate additional phases in work plan as directed by staff and Board.	