

Lake Management Districts:	Primary Responsible Party:
1 Bone Lake	EOR
2 Little Comfort Lake	District staff
3 Forest Lake	Subconsultant: SMU/BWS/WCD
4 Comfort Lake	Contractor

Comfort Lake - Forest Lake Watershed District

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Updated: June 12, 2019



EOR Project Tracking		Project Tasks	2018	2019												2020	2021	2022	Recent Activities	Upcoming Activities	Comments			
				Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.									
1000 - Administration																								
1004	Professional Services	Ongoing																						
3000 - Programs																								
3002	Permitting	As submitted																		Menards Expansion review, Lisu Church Review, and misc. erosion control permits.	Ongoing permit activities.			
3003	Monitoring & Data Assessment	Overall District monitoring																		Workshop with Limnotech regarding DIY stream and wetland monitoring equipment. Coordination with District staff and WCD re: Cranberry Lake monitoring replacement for 2019 season.	Monitoring coordination with District staff as needed.			
		Effectiveness Monitoring																		None.	No effectiveness monitoring planned for 2019 outside of grant-funded projects.			
3004	Agricultural & Rural BMP Cost-Share	3004C - ACPF Analysis																		Preliminary run of toolset completed District-wide.	Re-run Riparian Analysis tool. Review outputs for quality control.			
3006	Tech Resource Sharing	3006C - H&H Model Update																		Internal kick-off meeting and began compiling existing data on infrastructure. Installation of monitoring equipment at Heath Avenue outlet.	Track down all available survey and GIS data related to hydraulic structures, storm sewers, etc.	Multi-year effort.		
		3006F - Watershed Management Plan Update																		Workshop with District to discuss amendment strategy and timeline. Scope of work for EOR assistance with Steps 1-9 presented on June 20.	Review existing plans and studies. Update Comprehensive Monitoring Summary memo through 2018.	Multi-year effort.		
3007	Research	Claros P nanotechnology																		District staff contacted landowner at Hayward Avenue outlet site. Met with John at Claros P to plan lake trial.	Site visit and survey of Hayward Avenue site. Coordination with Claros P on construction, installation and monitoring of lake trial.			
3009	Grant Research & Preparation	BWSR CWF Grant Applications																		None.	Work with District staff on CWF grant applications.	CWF grant applications due in August.		
3010	O&M	Moody aerator																		Aerator off for season.	None.			
		Forest Lake outlet repairs																		Water levels still high due to higher than average rainfall in 2016-2018.	Re-Solicit for bids once more favorable site conditions allow.			
		Shields Lake outlet fish barrier	Design																	Contractor has begun fabricating fish barrier.	Following completion of fabrication, EOR will inspect the fish barrier and Contractor will install this summer.			
		Construction																						
3011	AIS Management	Project management																		Assist district staff with Zebra Mussel surveys on Bone Lake. Assist with ZM action plan.	Provide assistance as requested by District Staff.			
5000 - Projects																								
5220A	Volume Control Planning PM: Greg Graska	Regional Treatment Location Identification																			Kick off of H&H modeling to inform opportunities.	H&H modeling.		
1- 5421A	Moody Wetland Rehabilitation PM: Jason Naber Reduction: 455 lb TP/yr	Wetland C design & project bidding																			Engineer's memo regarding high spring water levels in the wetland ponds. Phase 2 work contractual items completed and Peterson mobilized to site.	Construction either late summer (weather dependent) or early winter.	Multi-year grant, end date is June 2020.	
		Wetland C construction																						
		Final project monitoring																						
1- 5221C	Moody Lk Alum Treatment PM: Meghan Funke Reduction: 324 lb TP/yr	Alum treatment design & bidding process																						
		Alum application																			Alum treatment observation October 2-3, 2018.	Review pre- and post-treatment in-lake water quality data.	Second alum application fall 2019.	
1- 5222F	Bone Lake SWA Implementation PM: Meghan Funke Bone Lake Reduction: 90 lb TP/yr Moody Lake Reduction: 24 lb TP/yr	Tasks TBD																			None.	Project implementation.	Multi-year grant, anticipated end date is December 2021.	
2- 5225D3	Little Comfort Implementation PM: Meghan Funke Reduction: TBD	July Avenue Tributary agricultural BMPs																			None.	District staff to lead outreach to July Avenue tributary agricultural BMPs.		
		School Lake paleo core analysis																			None.	Deep paleo core collection from School Lake planned for 2019.		
		Bone Lake outlet wetland complex monitoring																			Scope of work presented to Board for review and approval at June 20 Board meeting.	Field work and data collection.		
3- 5226D	Shields Lake Reuse System & Alum Treatment PM: Greg Graska Reduction: 94 + 913 lb TP/yr	Construction & site restoration																						
		O&M and Educational Materials																						
		Alum dosing & bidding																						
		Alum application																						
3- 5228B3	Castlewood Assess. & Feasibility PM: Meghan Funke	Agricultural field BMP installation																			None.	District staff to coordinate Ag BMPs on identified parcels. EOR to provide support as requested.		
3- 5228B4	Hayward Ave Assess. & Feasibility PM: Meghan Funke	R15 Cattail Harvesting																						
		R15 Neighborhood Raingardens																						
		R5 Pond Cleanout																			Landowner coordination and field work planning. R5 pond bathymetry and sediment sample collection. R15 wetland soil boring and vegetation survey.	Data analysis and project feasibility.		
3- 5228K	WJD 6 Assessment & Feasibility PM: Meghan Funke	Sunrise Headwater Restoration																						
		R7D Wetland Enhancement																			Landowner coordination and field work planning. Installation of test wetland well on June 7.	Surveying and installation of all wetland wells.		
4- 5229A	Comfort Lake Diagnostic Phase 2 PM: Meghan Funke Reduction: n/a	Tasks TBD																			H&H Model Update scope of work approved at May 9 Board meeting that focuses on the Comfort Lake drainage area.	Develop scope for diagnostic work with District staff and present to Board after H&H Model Update complete.	Multi-year effort.	
5420B	Wetland Restoration/Bank Feasibility Study PM: Jason Naber	Tax Forfeit Parcel																			None.	Evaluation of options for additional parcels, prepare for spring 2019 site data collection.		
		Wetland Bank Feasibility Study																			Meeting with District staff on May 30 to discuss initial results; development of concept designs for prioritized sites. Initiate landowner contacts.	Continue landowner contacts and vetting of possible restoration sites.		
5920A	Land Acquisition Review PM: Jason Naber	Banta Parcel																			None.	Initiate next steps in property review as directed by board.		