

# NLFCZD Estimated 2018 Expenses

STAFF COSTS	Staff Days					
	NL Manager	NL Engineer	NL Tech	FC/Comp. Tech.	Bridge Crew	
<b>flood control</b>						
Perform annual dike inspection	1.0	1.0	1.0			
Perform annual channel and FC facility inspection	1.0	1.0	1.0			
Complete maintenance and repair work identified in inspection:		3.0			4	
Prepare annual Facility Inspection Report for NRCS		1.0				
Monitor lake and stream gages, adjust gates as needed, maintain lake level database		1.0	1.0	18.0		
Develop plan for maintenance/repair/removal of dike	3.0	8.0				
Administer contract to spray noxious weeds in channel and sump		2.0	1.0			
Assist NRCS with Snotel site monitoring		1.0	1.0			
<b>Oxygenator</b>						
Pull and store boat in fall, launch in spring, perform maintenance as needed			0.5		2	
Set aerator buoys in spring, pull in fall			0.5		2	
Daily monitoring, read and record gages, perform minor building maintenance		1.0	1.5	16.0		
Administer maintenance contract, maintain records		4.0	1.5			
<b>Alum System</b>						
Winterize and "de-winterize" system			1.0	1.0		
Administer alum purchase contract, maintain records		2.0	1.0			
Daily monitoring, read and record gages, perform minor maintenance and repairs		1.0	1.0	16.0		
Administer WSU water quality monitoring contract		1.0				
Complete State of the Lake Report for DOE NPDES Permit		1.0	3.0			
<b>Milfoil</b>						
Conduct milfoil surveys, prepare maps, distribute public notices:			6.0			
Administer diver suction and herbicide contracts			5.0			
Prepare annual/final reports for milfoil project			4.0			
Prepare grant applications			5.0			
Annual Milfoil Meeting and other public education and outreach	0.5		8.0			
<b>Other WQ</b>						
Review and comment on Forest Practice applications			1.5			
Assist with permitting violations for shoreline projects:			1.5			
Prepare and administer contract for in-lake aerator pump removal		6.0				
Honeymoon Bay stormwater grant request	0.0	0.0	0.0			
Water quality sampling and testing (Vol Coordination)	0.0	0.0	0.0			
<b>Administrative (Split Between WQ &amp; FC)</b>						
Process invoices and track expenses		8.0				
Develop annual budget	1.0	3.0				
Coordinate AB Meetings, respond to board correspondence	4.0	8.0	5.0			
Coordinate AB interviews	1.0	2.0				
Prepare, edit and distribute NLFCZD Newsletter			4.0			
Prepare the yearly assessment roll	1.0		4.0			
Respond to landowner questions and public information request:	2.0	2.0	5.0			
Attend employee training opportunities		2.0	4.0			
General program management and employee supervision	3.0					
Other		4.0	2.0		2	
cost/day =	\$565.44	\$451.40	\$376.00	\$124.24	\$320.00	
cost/day with 20.63% indirect rate =	\$682.09	\$544.52	\$453.57	\$149.87	\$386.02	\$0.00
Total Days FC =	11.0	32.5	17.0	18.0	5.0	0.0
Total Days WQ =	6.5	30.5	53.0	33.0	5.0	0.0
Total Staff Cost FC =	\$7,502.99	\$17,697.02	\$7,710.67	\$2,697.67	\$1,930.08	\$0.00
Total Staff Cost WQ =	\$4,433.59	\$16,607.98	\$24,039.15	\$4,945.73	\$1,930.08	\$0.00
Total Staff Cost =	\$11,936.58	\$34,305.00	\$31,749.82	\$7,643.41	\$3,860.16	\$0.00

TOTAL = \$89,494.96

CONTRACTS AND PURCHASES	FC	WQ	
Alum Purchase Contract (Thatcher Chemical)		\$34,000.00	
Water Quality Monitoring Contract (WSU)		\$34,750.00	
Electricity for Compressor Building (Inland Power)		\$23,500.00	
Milfoil Contract for Herbicide & Diver Suction Remova		\$15,000.00	
Oxygenator System Maintenance Contract (Rogers Machinery)		\$7,000.00	
Diver Services for removal of in-lake aerator pump (estimated charges of \$24,000 for overhaul and reinstallation expected in 2019)		\$11,000.00	
Dive Inspection of Aerator and Alum System (Clearwater Company)		\$3,000.00	
NRCS Snotel Agreement	\$3,000.00		
Noxious Weed Spray Contract	\$3,000.00		
Air-Sep Factory Service Inspection of oxygenators		\$1,600.00	
DOE NPDES Permit		\$811.00	
Newsletter Printing and Postage	\$475.00	\$725.00	
Potential DOE Dam Safety Permit	\$1,250.00		
Water Service (Moab Irrigation District)		\$450.00	
Boat Slip Rental (Sutton Bay Resort)		\$400.00	
Sponsorship of Regional Lakes Conference		\$150.00	
Boat Winterization (H&S Marine)		\$100.00	
Geiger Crew (Facility Maintenance)	\$845.00		
Other (Legal, taxes, insurance, postage, supplies, misc.)	\$985.00	\$2,225.00	
	<b>\$9,555.00</b>	<b>\$134,711.00</b>	<b>\$144,266.00</b>

OTHER STAFF COSTS	FC	WQ	
FC/Comp. Tech Cell Phones Reimbursement	\$300.00	\$300.00	
Vehicle Charges	\$500.00	\$1,600.00	
WALPA Conference, Training	\$175.00	\$175.00	
	<b>\$975.00</b>	<b>\$2,075.00</b>	<b>\$3,050.00</b>

FC TOTAL = \$48,068.44  
WQ TOTAL = \$188,742.52  
**\$236,810.96**

**\$37,538.44**  
**\$51,956.52**

## 2018 PROPOSED NLFCZD BUDGET

	2015 BUDGET			2015 Actual	2016 BUDGET			2016 Actual	2016 Actual	2017 BUDGET			2017 Projected	2017 Projected	2018 BUDGET			
	FC	WQ	Total	Total	FC	WQ	Total	FC	WQ	FC	WQ	Total	FC	WQ	FC	WQ	Total	
<b>INCOME SUMMARY</b>																		
1	NLFCZD Assessments	\$36,500	\$180,500	\$217,000	\$216,317	\$37,550	\$201,150	\$238,700	\$37,475	\$200,766	\$40,000	\$198,700	\$238,700	\$40,145	\$198,840	\$40,000	\$198,700	\$238,700
2	Investment Interest	\$550	\$550	\$1,100	\$986	\$450	\$450	\$900	\$410	\$410	\$500	\$500	\$1,000	\$500	\$500	\$500	\$500	\$1,000
3	Transfer from Reserves	\$0	\$0	\$0	\$12,975	\$58,491	\$51,972	\$110,462	\$8,420	\$68,634	\$61,838	\$0	\$61,838	\$34,209	\$0	\$7,543	\$0	\$7,543
4	Grant Reimbursement <sup>2</sup>	\$0	\$17,788	\$17,788	\$16,181	\$0	\$0	\$0	\$0	\$1,125	\$0	\$11,745	\$11,745	\$0	\$11,745	\$0	\$12,130	\$12,130
5	Misc Revenue	\$0	\$0	\$0	\$375	\$0	\$0	\$0	\$21	\$30	\$0	\$0	\$0	\$25	\$25	\$25	\$25	\$50
6	<b>TOTAL INCOME</b>	<b>\$37,050</b>	<b>\$198,838</b>	<b>\$235,888</b>	<b>\$246,834</b>	<b>\$96,491</b>	<b>\$253,572</b>	<b>\$350,062</b>	<b>\$46,326</b>	<b>\$270,965</b>	<b>\$102,338</b>	<b>\$210,945</b>	<b>\$313,283</b>	<b>\$74,878</b>	<b>\$211,110</b>	<b>\$48,068</b>	<b>\$211,355</b>	<b>\$259,423</b>
<b>EXPENDITURES</b>																		
<b>Salaries/OH/Benefits</b>																		
10	NL Engineer	\$8,268	\$15,355	\$23,624	\$58,149	\$10,519	\$19,535	\$30,054	\$19,350	\$43,032	\$20,206	\$37,526	\$57,733	\$23,206	\$37,526	\$25,200	\$21,042	\$46,242
11	NL Technician	\$8,915	\$35,659	\$44,574	\$21,627	\$8,262	\$33,046	\$41,308	\$5,398	\$20,040	\$5,221	\$20,884	\$26,106	\$5,221	\$20,884	\$7,711	\$24,039	\$31,750
12	FC/Aerator Tech	\$2,100	\$4,140	\$6,240	\$6,168	\$2,100	\$4,140	\$6,240	\$2,172	\$3,882	\$2,100	\$4,140	\$6,240	\$2,100	\$4,140	\$2,698	\$4,946	\$7,643
13	Other Assistance	\$2,900	\$2,900	\$5,800	\$4,961	\$2,900	\$2,900	\$5,800	\$0	\$9,673	\$2,900	\$2,900	\$5,800	\$7,780	\$2,900	\$1,930	\$1,930	\$3,860
14	<b>Subtotal-</b>	<b>\$22,183</b>	<b>\$58,055</b>	<b>\$80,238</b>	<b>\$90,904</b>	<b>\$23,781</b>	<b>\$59,622</b>	<b>\$83,402</b>	<b>\$26,921</b>	<b>\$76,626</b>	<b>\$30,428</b>	<b>\$65,451</b>	<b>\$95,878</b>	<b>\$38,307</b>	<b>\$65,450</b>	<b>\$37,538</b>	<b>\$51,957</b>	<b>\$89,495</b>
<b>Support Agreements and Assistance</b>																		
20	Lake WQ Monitoring & Lab Services		\$33,750	\$33,750	\$48,090		\$34,750	\$34,750	\$0	\$34,749		\$34,750	\$34,750	\$0	\$34,750		\$34,750	\$34,750
21	Watershed Activities		\$950	\$950	\$501		\$950	\$950	\$0	\$574		\$950	\$950	\$0	\$300		\$950	\$950
22	NPDES & Dam Safety Permits		\$525	\$525	\$261		\$525	\$525	\$0	\$811		\$550	\$550	\$0	\$811	\$1,250	\$811	\$2,061
23	NRCS for Snow Gage Site	\$3,000		\$3,000	\$3,000	\$3,000		\$3,000	\$3,000	\$0	\$3,000	\$3,000	\$3,000	\$0	\$3,000	\$3,000	\$0	\$3,000
24	Legal Assistance	\$100	\$100	\$200	\$559	\$100	\$100	\$200	\$0	\$0	\$100	\$100	\$200	\$100	\$100	\$100	\$100	\$200
25	<b>Subtotal-</b>	<b>\$3,100</b>	<b>\$35,325</b>	<b>\$38,425</b>	<b>\$52,410</b>	<b>\$3,100</b>	<b>\$36,325</b>	<b>\$39,425</b>	<b>\$3,000</b>	<b>\$36,134</b>	<b>\$3,100</b>	<b>\$36,350</b>	<b>\$39,450</b>	<b>\$3,100</b>	<b>\$35,961</b>	<b>\$4,350</b>	<b>\$36,611</b>	<b>\$40,961</b>
<b>Equip. &amp; Facility Oper./Repair/Maint.</b>																		
30	Minor FC Maintenance/Repairs	\$1,500		\$1,500	\$845	\$1,500		\$1,500	\$837	\$0	\$1,500		\$1,500	\$5,200	\$0	\$845		\$845
31	Sump Cleaning / Dike Repair	\$2,000		\$2,000	\$0	\$62,000		\$62,000	\$13,886	\$0	\$62,000		\$62,000	\$22,500	\$0			\$0
32	Noxious Weed Control	\$3,000		\$3,000	\$3,416	\$3,000		\$3,000	\$0	\$0	\$3,000		\$3,000	\$3,000	\$0	\$3,000		\$3,000
33	Milfoil Control		\$17,788	\$17,788	\$16,875		\$12,000	\$12,000	\$0	\$12,494		\$15,840	\$15,840	\$0	\$15,840		\$15,000	\$15,000
34	Electricity		\$23,500	\$23,500	\$10,164		\$23,500	\$23,500	\$0	\$20,687		\$23,500	\$23,500	\$0	\$23,500		\$23,500	\$23,500
35	Alum Purchases		\$40,280	\$40,280	\$45,804		\$40,280	\$40,280	\$0	\$38,966		\$42,660	\$42,660	\$0	\$38,160		\$34,000	\$34,000
36	Equipment Maint.		\$7,000	\$7,000	\$9,353		\$76,245	\$76,245	\$0	\$82,032		\$8,000	\$8,000	\$0	\$12,000		\$23,000	\$23,000
37	Water Service		\$430	\$430	\$428		\$450	\$450	\$0	\$437		\$450	\$450	\$0	\$450		\$450	\$450
38	Materials and Supplies and other	\$450	\$975	\$1,425	\$1,499	\$450	\$975	\$1,425	\$0	\$608	\$450	\$975	\$1,425	\$450	\$975	\$450	\$975	\$1,425
39	<b>Subtotal-</b>	<b>\$6,950</b>	<b>\$89,973</b>	<b>\$96,923</b>	<b>\$88,384</b>	<b>\$66,950</b>	<b>\$153,450</b>	<b>\$220,400</b>	<b>\$14,723</b>	<b>\$155,224</b>	<b>\$66,950</b>	<b>\$91,425</b>	<b>\$158,375</b>	<b>\$31,150</b>	<b>\$90,925</b>	<b>\$4,295</b>	<b>\$96,925</b>	<b>\$101,220</b>
<b>Overhead</b>																		
40	Property Taxes	\$35	\$0	\$35	\$0	\$35	\$0	\$35	\$0	\$0	\$35	\$0	\$35	\$35	\$0	\$35	\$0	\$35
41	Insurance	\$836	\$836	\$1,671	\$1,671	\$900	\$900	\$1,800	\$2	\$2	\$100	\$125	\$225	\$100	\$125	\$100	\$125	\$225
42	Motorpool/Mileage/Phones	\$750	\$1,500	\$2,250	\$2,876	\$750	\$1,500	\$2,250	\$760	\$1,913	\$750	\$1,500	\$2,250	\$750	\$1,500	\$800	\$1,900	\$2,700
43	Adver., Printing, Post., Publ.	\$300	\$325	\$625	\$822	\$300	\$325	\$625	519.89	266.02	\$300	\$325	\$625	\$300	\$325	\$300	\$325	\$625
44	Watershed Newsletter	\$475	\$950	\$1,425	\$1,177	\$475	\$950	\$1,425	\$400	\$800	\$475	\$950	\$1,425	\$936	\$933	\$475	\$725	\$1,200
45	Training/Travel	\$200	\$500	\$700	\$701	\$200	\$500	\$700	\$0	\$0	\$200	\$500	\$700	\$200	\$500	\$175	\$175	\$350
46	<b>Subtotal-</b>	<b>\$2,596</b>	<b>\$4,111</b>	<b>\$6,706</b>	<b>\$7,247</b>	<b>\$2,660</b>	<b>\$4,175</b>	<b>\$6,835</b>	<b>\$1,682</b>	<b>\$2,982</b>	<b>\$1,860</b>	<b>\$3,400</b>	<b>\$5,260</b>	<b>\$2,321</b>	<b>\$3,383</b>	<b>\$1,885</b>	<b>\$3,250</b>	<b>\$5,135</b>
50	<b>Expense Subtotal</b>	<b>\$34,829</b>	<b>\$187,463</b>	<b>\$222,292</b>	<b>\$238,946</b>	<b>\$96,491</b>	<b>\$253,572</b>	<b>\$350,062</b>	<b>\$46,326</b>	<b>\$270,965</b>	<b>\$102,338</b>	<b>\$196,626</b>	<b>\$298,963</b>	<b>\$74,878</b>	<b>\$195,719</b>	<b>\$48,068</b>	<b>\$188,743</b>	<b>\$236,811</b>
60	<b>Added to Reserves</b>	<b>\$2,221</b>	<b>\$11,375</b>	<b>\$13,596</b>	<b>\$7,888</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$14,320</b>	<b>\$14,320</b>	<b>\$0</b>	<b>\$15,391</b>	<b>\$0</b>	<b>\$22,612</b>	<b>\$22,612</b>
70	<b>TOTAL EXPENDITURES</b>	<b>\$37,050</b>	<b>\$198,838</b>	<b>\$235,888</b>	<b>\$246,834</b>	<b>\$96,491</b>	<b>\$253,572</b>	<b>\$350,062</b>	<b>\$46,326</b>	<b>\$270,965</b>	<b>\$102,338</b>	<b>\$210,946</b>	<b>\$313,283</b>	<b>\$74,878</b>	<b>\$211,110</b>	<b>\$48,068</b>	<b>\$211,355</b>	<b>\$259,423</b>

	<u>ACTUAL</u>	<u>ACTUAL</u>	<u>ACTUAL</u>		<u>ACTUAL</u>	<u>ACTUAL</u>	<u>ACTUAL</u>		<u>PROJECTED</u>	<u>PROJECTED</u>	<u>PROJECTED</u>		<u>PROPOSED</u>	<u>PROPOSED</u>	<u>PROPOSED</u>
	FC	WQ	TOTAL		ACTUAL FC	ACTUAL WQ	TOTAL		FC	WQ	TOTAL		FC	WQ	TOTAL
Reserves as of January 1st	\$64,635	\$68,943	\$133,578		\$72,524	\$55,968	\$128,491		\$64,104	-\$12,666	\$51,437		\$29,895	\$2,724	\$32,619
From/Added to Repair Re.	\$7,888	-\$12,975	-\$5,087		-\$8,420	-\$68,634	-\$77,054		-\$34,209	\$15,391	-\$18,818		-\$7,543	\$22,612	\$15,069
Reserves as of December 31st	\$72,524	\$55,968	\$128,491		\$64,104	-\$12,666	\$51,437		\$29,895	\$2,724	\$32,619		\$22,351	\$25,337	\$47,688

Notes:

- 1) Reserves are defined as the end of fiscal year account balance
- 2) Goal reserve balances are defined in the Policy and Procedures Manual as \$40,000 for Flood Control and \$70,000 for Water Quality
- 3) In 2016, assessments were increased by 10% in an effort to rebuild and maintain reserve levels after several significant expenditures reduced the levels. The goal at the time, and currently still is, is to reduce that 10% increase to 4% in 2020. At the time of the assessment increase it was estimated that the WQ reserve level would be rebuilt back to \$70,000 by approximately 2026.
- 4) Grant Reimbursement in line 4 is for a \$25,000 Ecology grant for milfoil control for 7/1/16-6/30/18 period.