

NO. **19 - 1421** -

BEFORE THE BOARD OF COUNTY COMMISSIONERS OF SPOKANE COUNTY, WASHINGTON  
AS EX-OFFICIO SUPERVISORS OF THE NEWMAN LAKE FLOOD CONTROL ZONE DISTRICT

IN THE MATTER OF ADOPTING THE 2020 )  
NEWMAN LAKE FLOOD CONTROL ZONE )  
DISTRICT BUDGET )

**RESOLUTION**

WHEREAS, the Board of County Commissioners of Spokane County, Washington, pursuant to the provisions of the Revised Code of Washington, Section 36.32.120(6) has the care of County property and the management of County funds and business; and

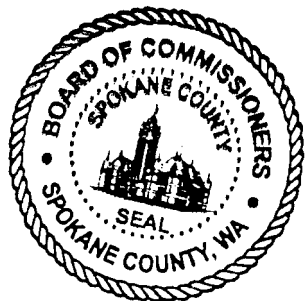
WHEREAS, the Board of County Commissioners of Spokane County, Washington, pursuant to the provisions of the Revised Code of Washington, Section 86.15.140, shall annually at the same time County budgets are prepared, adopt a budget for the Newman Lake Flood Control Zone District after a hearing, notice of which shall be given as provided by RCW 36.32.120(7); and

WHEREAS, the Board of County Commissioners of Spokane County, Washington, did, by Order Fixing Time and Place of Hearing, Resolution No. 19-1361, dated October 1st, 2019, set Tuesday, October 22nd, 2019, for public hearing on the proposed 2020 Newman Lake Flood Control Zone District Budget; and

WHEREAS, the Board of County Commissioners of Spokane County, Washington, pursuant to the above statues did meet in public hearing on the 22nd day of October, 2019, to consider the 2020 Newman Lake Flood Control Zone District Budget.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Spokane County, Washington, that the 2020 Newman Lake Flood Control Zone District Budget, attached hereto and incorporated herein by reference, be and the same is hereby adopted.

**PASSED AND ADOPTED** this 22nd day of October, 2019.



ATTEST:

BOARD OF COUNTY COMMISSIONERS  
OF SPOKANE COUNTY, WASHINGTON

*Mary L. Kuney*  
\_\_\_\_\_  
MARY L. KUNEY, CHAIR

*Al French*  
\_\_\_\_\_  
AL FRENCH, VICE-CHAIR

*Ginna Vasquez*  
\_\_\_\_\_  
Ginna Vasquez, Clerk of the Board

*Josh Kerns*  
\_\_\_\_\_  
JOSH KERNS, COMMISSIONER

# NLFCZD ESTIMATED 2020 MAN-DAYS (STAFF COST)

UPDATED: 10/03/2019 - FINAL

	Staff Days					
	Colleen	Malc/Daws	KK/KC/Adm	Dean/Richard	Bridge Crew	
<b>FLOOD CONTROL</b>						
Perform annual dike inspection	0.5	1.0				
Perform annual channel and FC facility inspection	0.5	1.0				
Complete maintenance and repair work identified in inspections		2.0			3.0	
Project Management / Grant Administration for Capital Budget Grant Award	3.0	9.0				
Prepare annual Facility Inspection Report for NRCS		1.0				
Monitor lake and stream gages, adjust gates as needed, maintain lake level database	1.0	5.0		18.0		
Planning/engineering/coordination with NRCS and DSO (dam/dike reclassification)	2.5	7.0				
Administer contract to spray noxious weeds in channel and sump			1.5			
Assist NRCS with SNOTEL site monitoring		1.0				
Public Outreach - Dam plans	1.5	2.5				
<b>SUB TOTAL</b>	<b>9.0</b>	<b>29.5</b>	<b>1.5</b>	<b>18.0</b>	<b>3.0</b>	<b>61.0</b>
<b>OXYGEN AERATION SYSTEM</b>						
Pull and store boat in fall, launch in spring, perform maintenance as needed		1.0	1.0		2.0	(excluding time to manage Capital Budget Projects)
Set aerator buoys in spring, pull in fall		2.0	1.0			
Daily monitoring, read and record gages, perform minor building maintenance	1.0	9.0		20.0		
Administer maintenance contract, maintain records	0.5	3.5				
Project Management / Grant Administration for Capital Budget Grant Award	7.0	22.5				
<b>SUB TOTAL</b>	<b>8.5</b>	<b>38.0</b>	<b>2.0</b>	<b>20.0</b>	<b>2.0</b>	<b>70.5</b>
<b>ALUM INJECTION SYSTEM</b>						
Start up system and winterize system		2.0		1.0		(excluding time to manage Capital Budget Projects)
Administer alum contract, maintain records, Project Management related tasks	1.0	3.0				
Daily monitoring, read and record gages, perform minor maintenance and repairs	0.5	5.0		18.0		
Assist WQ consultant (drive boat, record readings, assist w/sample collection)	1.5	3.0				
Administer water quality monitoring contract	0.5	1.0	1.0			
Complete State of the Lake Report for DOE NPDES Permit	0.5	2.0				
<b>SUB TOTAL</b>	<b>4.0</b>	<b>16.0</b>	<b>1.0</b>	<b>19.0</b>	<b>0.0</b>	<b>40.0</b>
<b>MILFOIL MANAGEMENT</b>						
Conduct milfoil surveys, prepare maps, distribute public notices			5.0			
Administer diver suction and herbicide contracts			6.0			
Prepare annual/final reports for milfoil project, grant management	0.5		2.0	0.5		
<b>SUB TOTAL</b>	<b>0.5</b>	<b>0.0</b>	<b>13.0</b>	<b>0.5</b>	<b>0.0</b>	<b>14.0</b>
<b>OTHER WATER QUALITY RELATED TASKS</b>						
Review and comment on Forest Practice applications			0.5			
Assist with permitting violations for shoreline projects	1.0		2.5			
Water quality sampling and testing		1.0	1.0			
Administer AB contracts for two studies (phosphorus/geology)	6.0	12.0	5.5			
<b>SUB TOTAL</b>	<b>7.0</b>	<b>13.0</b>	<b>5.5</b>	<b>0.0</b>	<b>0.0</b>	<b>25.5</b>
<b>ADMINISTRATIVE COSTS - Split Between WQ (70%) and FC (30%)</b>						
Assessment map update - Project Manage BOA, data gathering, IT/GIS coordination	3.0	2.0	4.0			(Excluding time to write two grants at AB's request)
Complete Update of Policy and Procedures Manual	1.0	3.0				
Process invoices and track expenses	0.5	4.0				
Develop annual budget	3.0					
Coordinate AB Meetings, respond to board correspondence	18.0	4.0	2.0			
Advertise, review applications, coordinate/attend interviews for AB positions	2.0	1.0	1.0			
Prepare and update NLFCZD webpage	1.5	4.0	2.0			
Prepare the yearly assessment roll	1.0		1.0			
Respond to landowner questions and public information requests	3.0	2.0	4.0			
General program management and employee supervision	4.0					
Other	2.0	2.0	1.0			
<b>SUB TOTAL</b>	<b>36.0</b>	<b>20.0</b>	<b>11.0</b>	<b>0.0</b>	<b>0.0</b>	<b>67.0</b>
<b>GRAND TOTAL MAN-DAYS</b>	<b>65.0</b>	<b>116.5</b>	<b>34.0</b>	<b>57.5</b>	<b>5.0</b>	<b>278.0</b>
2020 cost/day =	\$553.05	\$403.13	\$426.00	\$144.56	\$338.32	
ESTIMATED Cost/day with ESTIMATED 2020 Indirect Rate of 15% =	<b>\$636.01</b>	<b>\$463.59</b>	<b>\$489.90</b>	<b>\$166.24</b>	<b>\$389.07</b>	
Total Days FC =	19.8	35.5	4.8	18.0	3.0	
Total Days WQ =	45.2	81.0	29.2	39.5	2.0	
<b>Total Staff Cost FC =</b>	<b>\$12,593</b>	<b>\$16,458</b>	<b>\$2,352</b>	<b>\$2,992</b>	<b>\$1,167</b>	<b>\$35,562</b>
<b>Total Staff Cost WQ =</b>	<b>\$28,748</b>	<b>\$37,551</b>	<b>\$14,305</b>	<b>\$6,567</b>	<b>\$778</b>	<b>\$87,949</b>
<b>Total Staff Cost =</b>	<b>\$41,341</b>	<b>\$54,009</b>	<b>\$16,657</b>	<b>\$9,559</b>	<b>\$1,945</b>	<b>\$123,511</b>
				<b>TOTAL =</b>	<b>\$123,511</b>	
<b>2020 PM/Admin - Capital Budget Grant Award - Capital Projects</b>	<b>10.00</b>	<b>31.50</b>				\$29,051 FC Engrs \$2,352 FC Tech \$2,992 FC Extra Help \$1,167 FC Bridge \$66,299 WQ Engrs \$14,305 WQ Tech \$6,567 WQ Extra Help \$778 WQ Bridge
	\$ 6,360	\$ 14,603	\$ 20,963			
	covered in reserves			\$ 20,963		
<b>2020 District Staff Time Allocated for Grant/ Application Research / Write / Prep</b>	<b>6</b>	<b>12</b>	<b>2</b>			
	\$ 3,816	\$ 5,563	\$ 735			
	covered in reg budget			\$ 30,114		
	<b>\$123,511</b>	<b>TOTAL LABOR</b>	<b>(double check)</b>			

# NLFCZD 2020 ESTIMATED CONTRACTS AND PURCHASES

UPDATED: 10-18-2019 - FINAL

Line #	Support Agreements and Assistance	FC	WQ
Line 20	Water Quality Monitoring Services, Monitoring Equipment Purchases, and Lab Fees	\$	\$ 31,000.00
Line 21	Watershed Activities Including Regional Lakes Conference Sponsorship	\$	\$ 950.00
Line 22	DOE Dam Safety Permit (expected)	\$ 1,250.00	
Line 22	DOE NPDES Permit	\$	\$ 811.00
Line 23	NRCS SNOTEL Agreement	\$ 3,000.00	
Line 24	Legal Assistance	\$ 200.00	\$ 200.00
Line 25	Appraisers/Remapping	\$ 10,000.00	\$ 20,000.00
		<b>\$ 14,450.00</b>	<b>\$ 52,961.00</b>
			<b>\$ 67,411.00</b>

Line #	Maintenance projects/Operating Expenses	FC	WQ
Line 35	Alum Purchase Contract (Thatcher Chemical) - 10 tanks (4-5 spring/5-6 fall) @ \$4,500 ea		\$45,000.00
Line 34	Electricity for Compressor Building (Inland Power)		\$25,000.00
Line 33	Milfoil Contract for Herbicide and Diver Suction Removal		\$20,000.00
Line 36	Oxygenator System Maintenance Contract (Rogers Machinery)		\$10,500.00
Line 36	Air-Sep Factory Service Inspection of Oxygenators		\$1,600.00
Line 36	Boat Winterization (H&S Marine) and Misc Repairs		\$400.00
Line 36	Boat Slip Rental (Sutton Bay Resort)		\$400.00
Line 36	Road Oiling (Sutton Bay Road)		\$600.00
Line 32	Noxious Weed Spray Contract	\$3,600.00	
Line 30	Other FC Facility Maintenance	\$1,100.00	
Line 30	Geiger Crew (Facility Maintenance)	\$845.00	
Line 37	Water Service (Moab Irrigation District)		\$450.00
Line 38	Materials and Supplies	\$450.00	\$975.00
	Subtotal	<b>\$5,995.00</b>	<b>\$104,925.00</b>

Line #	Overhead /Other Staff Costs	FC	WQ
Lines 40,41,43,44	Other (Property Taxes, Ins, Adver/Print/Postage/Publications, Webpage/Public Outreach)	\$870.00	\$1,100.00
Line 42	Cell Phones Reimbursement (Extra Help)	\$300.00	\$300.00
Line 42	Motor Pool / Vehicle Charges / Mileage Reimbursement (Extra Help)	\$500.00	\$1,600.00
Line 45	WALPA Conference, Training	\$175.00	\$175.00
		<b>\$1,845.00</b>	<b>\$3,175.00</b>

EXPENSES	FLOOD CONTROL	WATER QUALITY	TOTAL
	<b>\$22,290.00</b>	<b>\$161,061.00</b>	<b>\$183,351.00</b>

# NEWMAN LAKE FLOOD CONTROL ZONE DISTRICT 2020 BUDGET

INCOME SUMMARY	2017 BUDGET			2017 ACTUAL			2018 BUDGET			2019 BUDGET			2020 PROPOSED BUDGET		
	FC	WQ	Total	FC	WQ	Total	FC	WQ	Total	FC	WQ	Total	FC	WQ	Total
1 NLFCD Assessments	\$40,000	\$198,700	\$238,700	\$40,145	\$198,840	\$238,985	\$40,000	\$198,700	\$238,700	\$28,528	\$228,744	\$257,272	\$49,405	\$205,773	\$255,178
2 Investment Interest	\$500	\$500	\$1,000	\$311	\$311	\$622	\$500	\$500	\$1,000	\$500	\$500	\$1,000	\$500	\$500	\$1,000
3 Transfer from Reserves	\$61,838	\$0	\$61,838	\$45,797	\$0	\$45,797	\$0	\$10,784	\$11,000	\$10,784	\$11,000	\$21,784	\$10,000	\$40,983	\$50,983
4 Grant Reimbursement <sup>1</sup>	\$0	\$11,745	\$11,745	\$8,444	\$15,109	\$23,552	\$48,131	\$12,130	\$60,261	\$0	\$0	\$0	\$0	\$10,000	\$10,000
5 Misc Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$25	\$25	\$25	\$20,025	\$20,025	\$30,050	\$0	\$0	\$0
6 TOTAL INCOME	\$102,337	\$210,945	\$313,282	\$94,696	\$214,260	\$308,956	\$88,656	\$211,355	\$300,011	\$49,837	\$258,269	\$308,106	\$59,905	\$257,236	\$317,141
<b>EXPENDITURES</b>															
<b>Salaries/OH/Benefits</b>															
10 NL Manager and Engineer	\$20,206	\$37,526	\$57,732	\$28,300	\$24,505	\$52,805	\$25,200	\$21,042	\$46,242	\$23,022	\$46,031	\$69,053	\$29,051	\$66,299	\$95,350
11 NL Technician	\$5,221	\$20,884	\$26,105	\$2,585	\$21,300	\$23,885	\$7,711	\$24,039	\$31,750	\$1,072	\$11,108	\$12,180	\$2,352	\$14,305	\$16,657
12 FC/Aerator Extra Help	\$2,100	\$4,140	\$6,240	\$3,950	\$3,054	\$7,004	\$2,698	\$4,946	\$7,643	\$2,515	\$4,610	\$7,125	\$2,992	\$6,567	\$9,559
13 Other Assistance	\$2,900	\$2,900	\$5,800	\$7,867	\$3,146	\$11,012	\$1,930	\$1,930	\$3,860	\$1,138	\$759	\$1,897	\$1,167	\$1,167	\$1,945
14 Subtotal-	\$30,427	\$65,450	\$95,877	\$42,701	\$52,005	\$94,706	\$37,538	\$51,957	\$89,495	\$27,747	\$62,508	\$90,255	\$35,562	\$87,949	\$123,511
<b>Support Agreements and Assistance</b>															
20 Lake WQ Mon & Lab Services	\$34,750	\$34,750	\$34,750	\$0	\$34,750	\$34,750	\$34,750	\$34,750	\$34,750	\$31,000	\$31,000	\$31,000	\$0	\$31,000	\$31,000
21 Watershed Activities	\$950	\$950	\$950	\$0	\$0	\$0	\$0	\$950	\$950	\$950	\$950	\$950	\$0	\$950	\$950
22 NPDES & Dam Safety Permits	\$0	\$550	\$550	\$0	\$585	\$585	\$1,250	\$811	\$2,061	\$1,250	\$811	\$2,061	\$1,250	\$811	\$2,061
23 NRCS for Snow Gage Site	\$3,000	\$3,000	\$3,000	\$3,000	\$0	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
24 Legal Assistance	\$100	\$100	\$200	\$22	\$0	\$22	\$100	\$100	\$200	\$200	\$200	\$400	\$200	\$200	\$400
25 Appraisers/Remapping	\$3,100	\$36,350	\$39,450	\$3,022	\$35,335	\$38,357	\$4,350	\$36,611	\$40,961	\$14,450	\$52,961	\$67,411	\$14,450	\$52,961	\$67,411
27 Subtotal-	\$1,500	\$1,500	\$3,314	\$0	\$3,314	\$3,314	\$845	\$845	\$845	\$1,845	\$1,845	\$1,845	\$0	\$1,845	\$1,845
<b>Equip. &amp; Facility Oper./Repair/Maint.</b>															
30 Minor FC Maintenance/Repairs	\$62,000	\$62,000	\$62,000	\$39,091	\$0	\$39,091	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
31 Nnoxious Weed Control	\$5,000	\$5,000	\$5,000	\$0	\$0	\$0	\$3,000	\$3,000	\$3,000	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500
33 Midroll Control	\$15,840	\$15,840	\$15,840	\$0	\$20,590	\$20,590	\$15,000	\$15,000	\$15,000	\$23,500	\$23,500	\$23,500	\$0	\$23,500	\$23,500
34 Electricity	\$23,500	\$23,500	\$23,500	\$0	\$27,238	\$27,238	\$23,500	\$23,500	\$23,500	\$28,000	\$28,000	\$28,000	\$0	\$28,000	\$28,000
35 Alum Purchases	\$42,660	\$42,660	\$42,660	\$0	\$31,332	\$31,332	\$34,000	\$34,000	\$34,000	\$40,500	\$40,500	\$40,500	\$0	\$40,500	\$40,500
36 Equipment Maint.	\$8,000	\$8,000	\$8,000	\$0	\$10,115	\$10,115	\$23,000	\$23,000	\$23,000	\$46,200	\$46,200	\$46,200	\$0	\$46,200	\$46,200
37 Water Service	\$450	\$975	\$1,425	\$1,628	\$1,411	\$1,769	\$450	\$975	\$1,425	\$450	\$975	\$1,425	\$450	\$975	\$1,425
38 Materials and Supplies	\$66,850	\$91,425	\$158,275	\$44,033	\$89,656	\$133,689	\$4,295	\$96,925	\$101,220	\$5,795	\$139,625	\$145,420	\$5,995	\$104,925	\$110,920
39 Subtotal-	\$35	\$35	\$70	\$0	\$0	\$0	\$35	\$35	\$35	\$35	\$35	\$35	\$35	\$35	\$35
<b>Overhead</b>															
40 Insurance	\$100	\$125	\$225	\$0	\$0	\$0	\$100	\$125	\$225	\$100	\$125	\$225	\$100	\$125	\$225
41 Motorpool/Mileage/Phones	\$700	\$1,500	\$2,200	\$3,508	\$2,172	\$5,680	\$800	\$1,900	\$2,700	\$800	\$1,900	\$2,700	\$800	\$1,900	\$2,700
42 Adver., Printing, Post, Publ	\$300	\$325	\$625	\$498	\$393	\$891	\$300	\$325	\$625	\$325	\$625	\$625	\$300	\$325	\$625
43 Webpg updates, Public Outreach	\$475	\$950	\$1,425	\$933	\$933	\$1,867	\$475	\$725	\$1,200	\$425	\$650	\$1,075	\$435	\$650	\$1,075
44 Training/Travel	\$200	\$500	\$700	\$0	\$135	\$135	\$175	\$175	\$350	\$175	\$175	\$350	\$175	\$175	\$350
45 Subtotal-	\$1,860	\$3,400	\$5,260	\$4,940	\$3,633	\$8,573	\$1,865	\$3,250	\$5,135	\$1,845	\$3,175	\$5,020	\$1,845	\$3,175	\$5,020
50 Expense Subtotal	\$102,337	\$196,625	\$298,962	\$94,696	\$180,829	\$275,525	\$48,068	\$188,743	\$236,811	\$49,837	\$258,269	\$308,106	\$57,852	\$248,010	\$306,862
60 Added to Reserves	\$0	\$14,320	\$14,320	\$0	\$33,430	\$33,430	\$40,587	\$22,612	\$83,200	\$0	\$0	\$0	\$2,053	\$8,226	\$10,279
70 TOTAL EXPENDITURES	\$102,337	\$210,945	\$313,282	\$94,696	\$214,260	\$308,956	\$88,656	\$211,355	\$300,011	\$49,837	\$258,269	\$308,106	\$59,905	\$257,236	\$317,141
<b>RESERVES SUMMARY<sup>1</sup></b>															
Reserves as of January 1st	\$64,104	\$12,666	\$76,770	\$64,104	\$12,666	\$76,770	\$19,689	\$27,683	\$47,382	\$60,286	\$60,286	\$110,582	\$44,841	\$108,233	\$153,074
From/Added to Repair Reserves	\$-61,838	\$14,320	\$-47,518	\$-45,797	\$33,430	\$-12,367	\$40,587	\$22,612	\$63,200	\$-10,784	\$-11,000	\$-21,784	\$-7,947	\$-32,737	\$-40,684
Reserves as of December 31st	\$2,266	\$1,654	\$3,920	\$19,699	\$27,663	\$47,382	\$60,286	\$50,296	\$110,582	\$49,502	\$39,296	\$88,798	\$36,894	\$75,496	\$112,390

1) Reserves are defined as the "end of fiscal year account balance." Goal reserve balances are defined in the Policy and Procedures Manual as \$40,000 for Flood Control and \$70,000 for Water Quality.