

**2016  
NEWMAN LAKE  
FLOOD CONTROL ZONE  
DISTRICT BUDGET**

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**SPOKANE COUNTY  
PUBLIC WORKS  
DIVISION OF  
ENGINEERING & ROADS**



**SPOKANE COUNTY**

**2016 PROPOSED BUDGET - NEWMAN LAKE FLOOD CONTROL ZONE DISTRICT**

	2014 BUDGET			2014 Actual Total	2015 BUDGET			2015 Projection Total	2016 BUDGET			2015/2016 %Change
	FC	WQ	Total		FC	WQ	Total		FC	WQ	Total	
<b>INCOME SUMMARY</b>												
1 NLFCDZ Assessments	\$35,375	\$179,480	\$214,855	\$216,341	\$36,500	\$180,500	\$217,000	\$217,000	\$37,550	\$201,150	\$238,700	10.00%
1* Spokane County Contribution <sup>8</sup>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00%
2 Investment Interest	\$650	\$650	\$1,300	\$851	\$550	\$550	\$1,100	\$900	\$450	\$450	\$900	-18.18%
3 Transfer from Reserves	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$58,491	\$51,972	\$110,462	-
4 Grant Reimbursement <sup>2</sup>	\$0	\$38,000	\$38,000	\$51,643	\$0	\$17,788	\$17,788	\$16,181	\$0	\$0	\$0	-100.00%
5 Misc Revenue	\$0	\$0	\$0	\$3	\$0	\$0	\$0	\$10	\$0	\$0	\$0	0.00%
<b>6 TOTAL INCOME</b>	<b>\$36,025</b>	<b>\$218,130</b>	<b>\$254,155</b>	<b>\$268,838</b>	<b>\$37,050</b>	<b>\$198,838</b>	<b>\$235,888</b>	<b>\$234,091</b>	<b>\$96,491</b>	<b>\$253,572</b>	<b>\$350,062</b>	<b>48.40%</b>
<b>EXPENDITURES</b>												
<b>Salaries/OH/Benefits<sup>3</sup></b>												
10 NL Engineer	\$8,049	\$14,948	\$22,998	\$28,943	\$8,268	\$15,355	\$23,624	\$49,000	\$10,519	\$19,535	\$30,054	27.22%
11 NL Technician	\$8,805	\$35,219	\$44,024	\$34,056	\$8,915	\$35,659	\$44,574	\$25,000	\$8,262	\$33,046	\$41,308	-7.33%
12 FC/Aerator Tech	\$2,100	\$4,140	\$6,240	\$4,800	\$2,100	\$4,140	\$6,240	\$6,640	\$2,100	\$4,140	\$6,240	0.00%
13 Other Assistance	\$2,500	\$2,000	\$4,500	\$1,902	\$2,900	\$2,900	\$5,800	\$7,900	\$2,900	\$2,900	\$5,800	0.00%
<b>14 Subtotal-</b>	<b>\$21,454</b>	<b>\$56,308</b>	<b>\$77,762</b>	<b>\$69,701</b>	<b>\$22,183</b>	<b>\$58,055</b>	<b>\$80,238</b>	<b>\$88,540</b>	<b>\$23,781</b>	<b>\$59,622</b>	<b>\$83,402</b>	<b>3.94%</b>
<b>Support Agreements and Assistance</b>												
20 Lake WQ Monitoring & Lab Services <sup>4</sup>		\$33,750	\$33,750	\$33,750		\$33,750	\$33,750	\$48,089		\$34,750	\$34,750	2.96%
21 Watershed Activities <sup>5</sup>		\$1,000	\$1,000	\$150		\$950	\$950	\$950		\$950	\$950	0.00%
22 NPDES General Permit <sup>6</sup>		\$500	\$500	\$733		\$525	\$525	\$525		\$525	\$525	0.00%
23 NRCS for Snow Gage Site	\$3,000		\$3,000	\$3,000	\$3,000		\$3,000	\$3,000	\$3,000		\$3,000	0.00%
24 Legal Assistance	\$200	\$200	\$400	\$0	\$100	\$100	\$200	\$0	\$100	\$100	\$200	0.00%
<b>25 Subtotal-</b>	<b>\$3,200</b>	<b>\$35,450</b>	<b>\$38,650</b>	<b>\$37,633</b>	<b>\$3,100</b>	<b>\$35,325</b>	<b>\$38,425</b>	<b>\$52,564</b>	<b>\$3,100</b>	<b>\$36,325</b>	<b>\$39,425</b>	<b>2.60%</b>
<b>Equip. &amp; Facility Oper./Repair/Maint.</b>												
30 Minor FC Maintenance/Repairs	\$1,500		\$1,500	\$770	\$1,500		\$1,500	\$1,500	\$1,500		\$1,500	0.00%
31 Sump Cleaning <sup>10</sup>	\$2,000		\$2,000	\$0	\$2,000		\$2,000	\$0	\$62,000		\$62,000	3000.00%
32 Noxious Weed Control	\$3,000		\$3,000	\$2,811	\$3,000		\$3,000	\$3,416	\$3,000		\$3,000	0.00%
33 Milfoil Control <sup>7</sup>		\$30,000	\$30,000	\$52,035		\$17,788	\$17,788	\$18,975		\$12,000	\$12,000	-32.54%
34 Electricity		\$23,500	\$23,500	\$26,736		\$23,500	\$23,500	\$10,000		\$23,500	\$23,500	0.00%
35 Alum Purchases		\$40,280	\$40,280	\$29,254		\$40,280	\$40,280	\$46,289		\$40,280	\$40,280	0.00%
36 Equipment Maint. <sup>9</sup>		\$6,000	\$6,000	\$6,873		\$7,000	\$7,000	\$12,283		\$76,245	\$76,245	989.21%
37 Water Service		\$425	\$425	\$419		\$430	\$430	\$428		\$450	\$450	4.65%
38 Materials and Supplies	\$450	\$975	\$1,425	\$285	\$450	\$975	\$1,425	\$2,450	\$450	\$975	\$1,425	0.00%
<b>39 Subtotal-</b>	<b>\$6,950</b>	<b>\$101,180</b>	<b>\$108,130</b>	<b>\$119,182</b>	<b>\$6,950</b>	<b>\$89,973</b>	<b>\$96,923</b>	<b>\$95,340</b>	<b>\$66,950</b>	<b>\$153,450</b>	<b>\$220,400</b>	<b>127.40%</b>
<b>Overhead</b>												
40 Property Taxes	\$35	\$0	\$35	\$0	\$35	\$0	\$35	\$0	\$35	\$0	\$35	0.00%
41 Insurance	\$949	\$949	\$1,897	\$1,415	\$836	\$836	\$1,671	\$1,671	\$900	\$900	\$1,800	7.72%
42 Motorpool/Mileage/Phones	\$750	\$1,500	\$2,250	\$2,077	\$750	\$1,500	\$2,250	\$3,000	\$750	\$1,500	\$2,250	0.00%
43 Adver., Printing, Post., Publ.	\$300	\$325	\$625	\$502	\$300	\$325	\$625	\$625	\$300	\$325	\$625	0.00%
44 Watershed Newsletter	\$320	\$640	\$960	\$1,388	\$475	\$950	\$1,425	\$1,177	\$475	\$950	\$1,425	0.00%
45 Training/Travel	\$200	\$500	\$700	\$669	\$200	\$500	\$700	\$700	\$200	\$500	\$700	0.00%
<b>46 Subtotal-</b>	<b>\$2,554</b>	<b>\$3,914</b>	<b>\$6,467</b>	<b>\$6,052</b>	<b>\$2,596</b>	<b>\$4,111</b>	<b>\$6,706</b>	<b>\$7,173</b>	<b>\$2,660</b>	<b>\$4,175</b>	<b>\$6,835</b>	<b>1.92%</b>
<b>50 Expense Subtotal</b>	<b>\$34,157</b>	<b>\$196,851</b>	<b>\$231,009</b>	<b>\$232,568</b>	<b>\$34,829</b>	<b>\$187,463</b>	<b>\$222,292</b>	<b>\$243,618</b>	<b>\$96,491</b>	<b>\$253,572</b>	<b>\$350,062</b>	<b>57.48%</b>
<b>60 Added to Reserves</b>	<b>\$1,868</b>	<b>\$21,279</b>	<b>\$23,146</b>	<b>\$36,270</b>	<b>\$2,221</b>	<b>\$11,375</b>	<b>\$13,596</b>	<b>-\$9,526</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>-100.00%</b>
<b>70 TOTAL EXPENDITURES</b>	<b>\$36,025</b>	<b>\$218,130</b>	<b>\$254,155</b>	<b>\$268,838</b>	<b>\$37,050</b>	<b>\$198,838</b>	<b>\$235,888</b>	<b>\$234,091</b>	<b>\$96,491</b>	<b>\$253,572</b>	<b>\$350,062</b>	<b>48.40%</b>

	ACTUAL			PROJECTED			PROPOSED		
	ACTUAL FC	ACTUAL WQ	TOTAL	FC	WQ	TOTAL	FC	WQ	TOTAL
Reserves as of January 1st	\$6,212	\$41,096	\$97,308	\$64,635	\$68,943	\$133,578	\$67,092	\$56,960	\$124,052
From/Added to Repair Reserves	\$8,424	\$27,847	\$36,270	\$2,456	-\$11,982	-\$9,526	-\$58,491	-\$51,972	-\$110,462
Reserves as of December 31st	\$64,635	\$68,943	\$133,578	\$67,092	\$56,960	\$124,052	\$8,601	\$4,989	\$13,590

Notes:

- Goal Reserve Balances are \$40,000 for Flood Control and \$70,000 for Water Quality allowing for major facility maintenance projects. Dike repair is needed and preliminary estimates are \$90,000 thus building up Flood Control Reserves higher. FC reserves were increased for dike repairs/modifications.
- Grant Reimbursement - Assume no grants.
- Salaries/OH/Benefits - Assumed a 3% increase in salary due to potential COLA and increased Engineer time to 13 weeks from 10.5 weeks & reduced Technician time from 25.5 weeks to 23 weeks. Includes best estimate of update rates and benefits.
- Lake WQ Monitoring & Lab Services - Includes hydroacoustic analyses and slight lake monitoring cost increase.
- Watershed Activities - Covers equipment, Regional Lakes Conference Sponsorship, and other expenses.
- NPDES General Permit Fee - Covers both alum injection system and milfoil treatment.
- Milfoil Control - Estimated project expenses for 30 acres of liquid 2,4-D treatment, lab testing, and treatment notice mailing.
- Spokane County Board of County Commissioners approved a one time contribution to the NLFCDZ of \$8,000 for 2013.
- Equipment Maintenance - To cover the purchase and install of a new air-sep and receiver tank in addition to equipment maintenance.
- Sump Cleaning - Covers sump cleaning as well as dike maintenance repairs.

## **NEWMAN LAKE FLOOD CONTROL ZONE DISTRICT BUDGET EXPLANATION**

**Salaries and Benefits:** This includes costs for Spokane County Engineering personnel involved with the District, including:

**Newman Lake Engineer** - Technical and administrative oversight of District activities including operation of flood control, aerator and alum systems, design and management of District maintenance projects, answering landowner concerns with regard to lake water quality and flood control activities, and working with the Advisory Board on District issues.

**Newman Lake Technician** – Assists in other District efforts especially milfoil control and implementation of the comprehensive plan including working with the Newman Lake Watershed Committee on watershed and water quality improvement issues and projects and coordinating the watershed and lake monitoring program. Works to prepare the District roll, answers landowner questions and concerns with regard to lake water quality and flood control activities as well coordinating and working with the Advisory Board on District issues.

**Flood Control / Aerator Technician** - Opens and closes the water control gates, maintains records of Lake levels, visually inspects flood control facilities and performs routine cleaning and maintenance, inspects equipment in aerator building daily, turns compressors on and off, and calls for repairs/service as needed.

**Other Assistance** - Assistance required from other Engineering and Roads departments to obtain necessary access easements and design and construct maintenance repair and improvement projects, and miscellaneous tasks as requested.

### **Other Support Agreements/Technical Assistance:**

**Lake Water Quality Monitoring** – WSU services for monitoring and testing required for compliance with the NPDES permit and aerator system operation.

**Watershed Activities**- for support of watershed education and management efforts and implementation of the Comprehensive Plan.

**NPDES Permit** – permit fee to DOE for the Aquatic Plant and Algae Management General Permit which includes the alum injection system and milfoil control.

**NRCS** - maintenance and monitoring of the Quartz Mountain snow gage site.

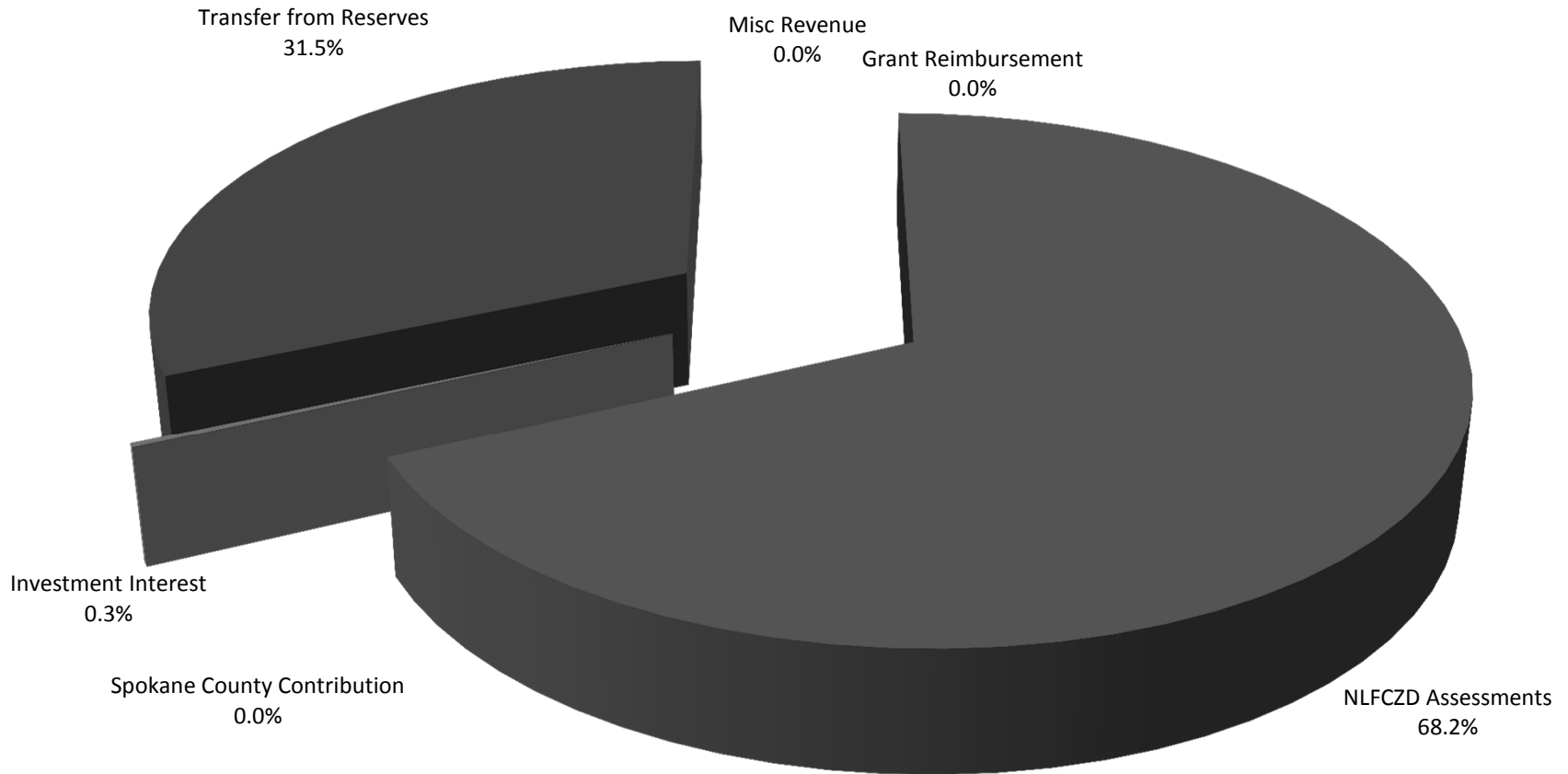
**Legal Assistance**- Assist from the Prosecuting Attorney's office for preparation and review of District contracts and resolutions and legal advice.

### **Operations and Maintenance:**

**Flood Control:** Major operations expenditures for Flood Control will be for dike repair, sump cleaning, minor maintenance projects, and spraying for noxious weeds on District properties.

**Water Quality:** Major Water Quality operations costs are those associated with the aerator and alum systems, a new air-sep unit, electricity to run pumps and compressors, servicing for the aeration system equipment, alum, and milfoil control including herbicide application.

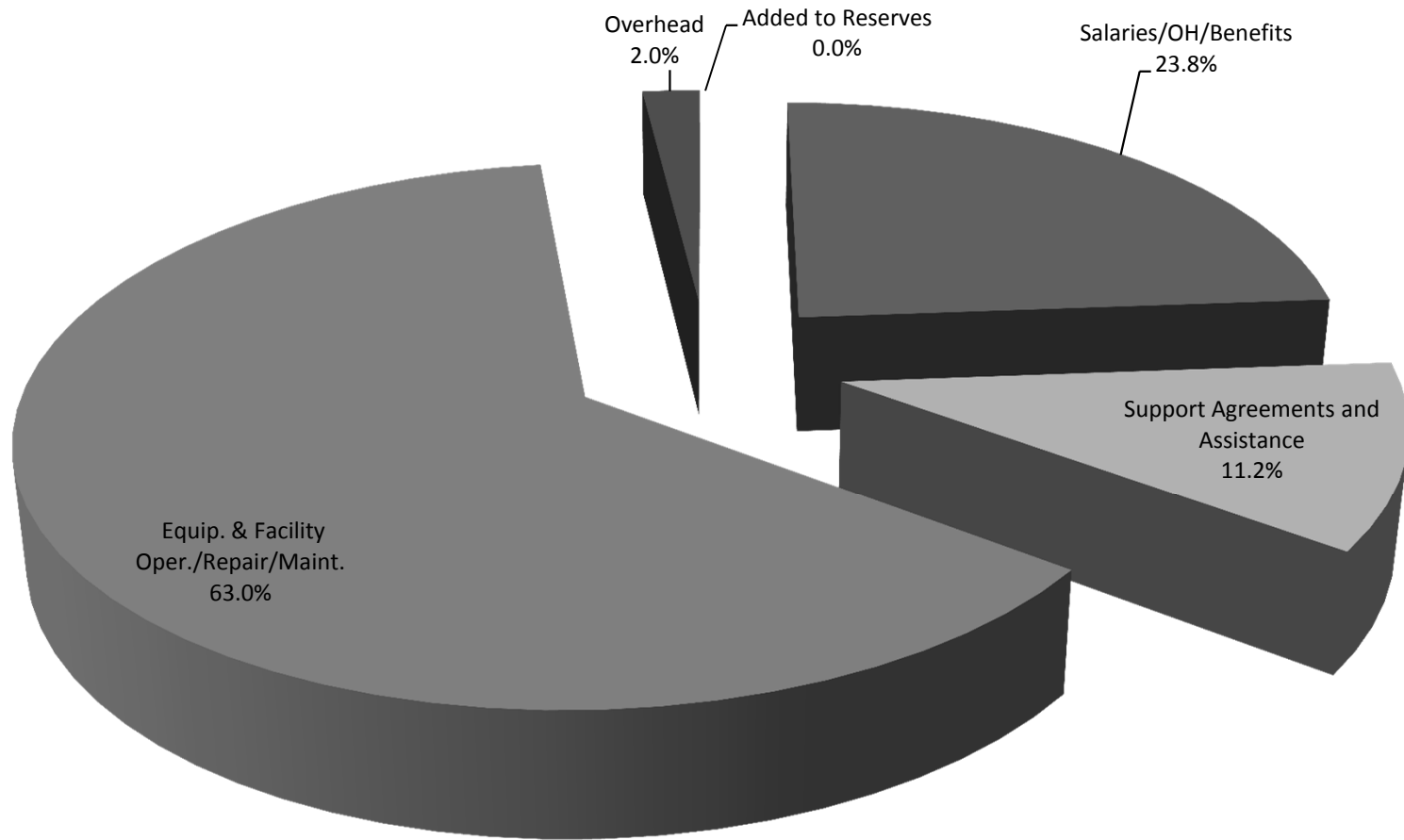
**NEWMAN LAKE FLOOD CONTROL ZONE DISTRICT  
2016 BUDGET  
TOTAL INCOME - \$350,062**



# NEWMAN LAKE FLOOD CONTROL ZONE DISTRICT

## 2016 BUDGET

TOTAL EXPENSES - \$350,062



# NEWMAN LAKE FLOOD CONTROL ZONE DISTRICT TOTAL ASSESSMENTS 1997-2016

