

**2017  
NEWMAN LAKE  
FLOOD CONTROL ZONE  
DISTRICT BUDGET**

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**SPOKANE COUNTY  
PUBLIC WORKS**



**2017 PROPOSED BUDGET - NEWMAN LAKE FLOOD CONTROL ZONE DISTRICT**

	2015 BUDGET			2015 Actual Total	2016 BUDGET			2016 Projected Total	2017 BUDGET			2016/2017 %Change
	FC	WQ	Total		FC	WQ	Total		FC	WQ	Total	
<b>INCOME SUMMARY</b>												
1 NLCZD Assessments	\$36,500	\$180,500	\$217,000	\$216,317	\$37,550	\$201,150	\$238,700	\$238,700	\$40,000	\$198,700	\$238,700	0.00%
1* Spokane County Contribution <sup>8</sup>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00%
2 Investment Interest	\$550	\$550	\$1,100	\$986	\$450	\$450	\$900	\$800	\$500	\$500	\$1,000	11.11%
3 Transfer from Reserves	\$0	\$0	\$0	\$12,975	\$58,491	\$51,972	\$110,462	\$74,981	\$61,838	\$0	\$61,838	-44.02%
4 Grant Reimbursement <sup>2</sup>	\$0	\$17,788	\$17,788	\$16,181	\$0	\$0	\$0	\$2,475	\$0	\$11,745	\$11,745	-
5 Misc Revenue	\$0	\$0	\$0	\$375	\$0	\$0	\$0	\$40	\$0	\$0	\$0	0.00%
<b>6 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>\$316,996</b>	<b>\$102,338</b>	<b>\$210,945</b>	<b>\$313,283</b>	<b>-10.51%</b>
<b>EXPENDITURES</b>												
<b>Salaries/OH/Benefits<sup>3</sup></b>												
10 NL Engineer	\$8,268	\$15,355	\$23,624	\$58,149	\$10,519	\$19,535	\$30,054	\$58,000	\$20,206	\$37,526	\$57,733	92.09%
11 NL Technician	\$8,915	\$35,659	\$44,574	\$21,627	\$8,262	\$33,046	\$41,308	\$23,500	\$5,221	\$20,884	\$26,106	-36.80%
12 FC/Aerator Tech	\$2,100	\$4,140	\$6,240	\$6,168	\$2,100	\$4,140	\$6,240	\$6,300	\$2,100	\$4,140	\$6,240	0.00%
13 Other Assistance	\$2,900	\$2,900	\$5,800	\$4,961	\$2,900	\$2,900	\$5,800	\$10,700	\$2,900	\$2,900	\$5,800	0.00%
<b>14 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>\$98,500</b>	<b>\$30,428</b>	<b>\$65,451</b>	<b>\$95,878</b>	<b>14.96%</b>
<b>Support Agreements and Assistance</b>												
20 Lake WQ Monitoring & Lab Services <sup>4</sup>		\$33,750	\$33,750	\$48,090		\$34,750	\$34,750	\$34,750		\$34,750	\$34,750	0.00%
21 Watershed Activities <sup>5</sup>		\$950	\$950	\$501		\$950	\$950	\$574		\$950	\$950	0.00%
22 NPDES General Permit <sup>6</sup>		\$525	\$525	\$261		\$525	\$525	\$811	\$0	\$550	\$550	4.76%
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	\$100	\$100	\$200	\$559	\$100	\$100	\$200	\$0	\$100	\$100	\$200	0.00%
<b>25 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>\$39,135</b>	<b>\$3,100</b>	<b>\$36,350</b>	<b>\$39,450</b>	<b>0.06%</b>
<b>Equip. &amp; Facility Oper./Repair/Maint.</b>												
30 Minor FC Maintenance/Repairs	\$1,500		\$1,500	\$845	\$1,500		\$1,500	\$1,000	\$1,500		\$1,500	0.00%
31 Sump Cleaning <sup>10</sup>	\$2,000		\$2,000	\$0	\$62,000		\$62,000	\$13,886	\$62,000		\$62,000	0.00%
32 Noxious Weed Control	\$3,000		\$3,000	\$3,416	\$3,000		\$3,000	\$0	\$3,000		\$3,000	0.00%
33 Milfoil Control <sup>7</sup>		\$17,788	\$17,788	\$16,875		\$12,000	\$12,000	\$14,294		\$15,840	\$15,840	32.00%
34 Electricity		\$23,500	\$23,500	\$10,164		\$23,500	\$23,500	\$23,500		\$23,500	\$23,500	0.00%
35 Alum Purchases		\$40,280	\$40,280	\$45,804		\$40,280	\$40,280	\$38,966		\$42,660	\$42,660	5.91%
36 Equipment Maint. <sup>9</sup>		\$7,000	\$7,000	\$9,353		\$76,245	\$76,245	\$78,226		\$8,000	\$8,000	-89.51%
37 Water Service		\$430	\$430	\$428		\$450	\$450	\$437		\$450	\$450	0.00%
38 Materials and Supplies	\$450	\$975	\$1,425	\$1,499	\$450	\$975	\$1,425	\$4,576	\$450	\$975	\$1,425	0.00%
<b>39 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>\$174,885</b>	<b>\$66,950</b>	<b>\$91,425</b>	<b>\$158,375</b>	<b>-28.14%</b>
<b>Overhead</b>												
40 Property Taxes	\$35	\$0	\$35	\$0	\$35	\$0	\$35	\$0	\$35	\$0	\$35	0.00%
41 Insurance	\$836	\$836	\$1,671	\$1,671	\$900	\$900	\$1,800	\$0	\$100	\$125	\$225	-87.50%
42 Motorpool/Mileage/Phones	\$750	\$1,500	\$2,250	\$2,876	\$750	\$1,500	\$2,250	\$2,650	\$750	\$1,500	\$2,250	0.00%
43 Adver., Printing, Post., Publ.	\$300	\$325	\$625	\$822	\$300	\$325	\$625	\$625	\$300	\$325	\$625	0.00%
44 Watershed Newsletter	\$475	\$950	\$1,425	\$1,177	\$475	\$950	\$1,425	\$1,201	\$475	\$950	\$1,425	0.00%
45 Training/Travel	\$200	\$500	\$700	\$701	\$200	\$500	\$700	\$0	\$200	\$500	\$700	0.00%
<b>46 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>\$4,476</b>	<b>\$1,860</b>	<b>\$3,400</b>	<b>\$5,260</b>	<b>-23.04%</b>
<b>50 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>\$316,996</b>	<b>\$102,338</b>	<b>\$196,626</b>	<b>\$298,963</b>	<b>-14.60%</b>
<b>60 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>\$14,320</b>	<b>\$14,320</b>	<b>-</b>
<b>70 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>\$316,996</b>	<b>\$102,338</b>	<b>\$210,945</b>	<b>\$313,283</b>	<b>-10.51%</b>

	ACTUAL			PROJECTED			PROPOSED		
	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	\$64,387	-\$10,876	\$53,511
From/Added to Repair Reserves	\$7,888	-\$12,975	-\$5,087	-\$8,137	-\$66,844	-\$74,981	-\$61,838	\$14,320	-\$47,518
Reserves as of December 31st	\$72,524	\$55,968	\$128,491	\$64,387	-\$10,876	\$53,511	\$2,549	\$3,443	\$5,993

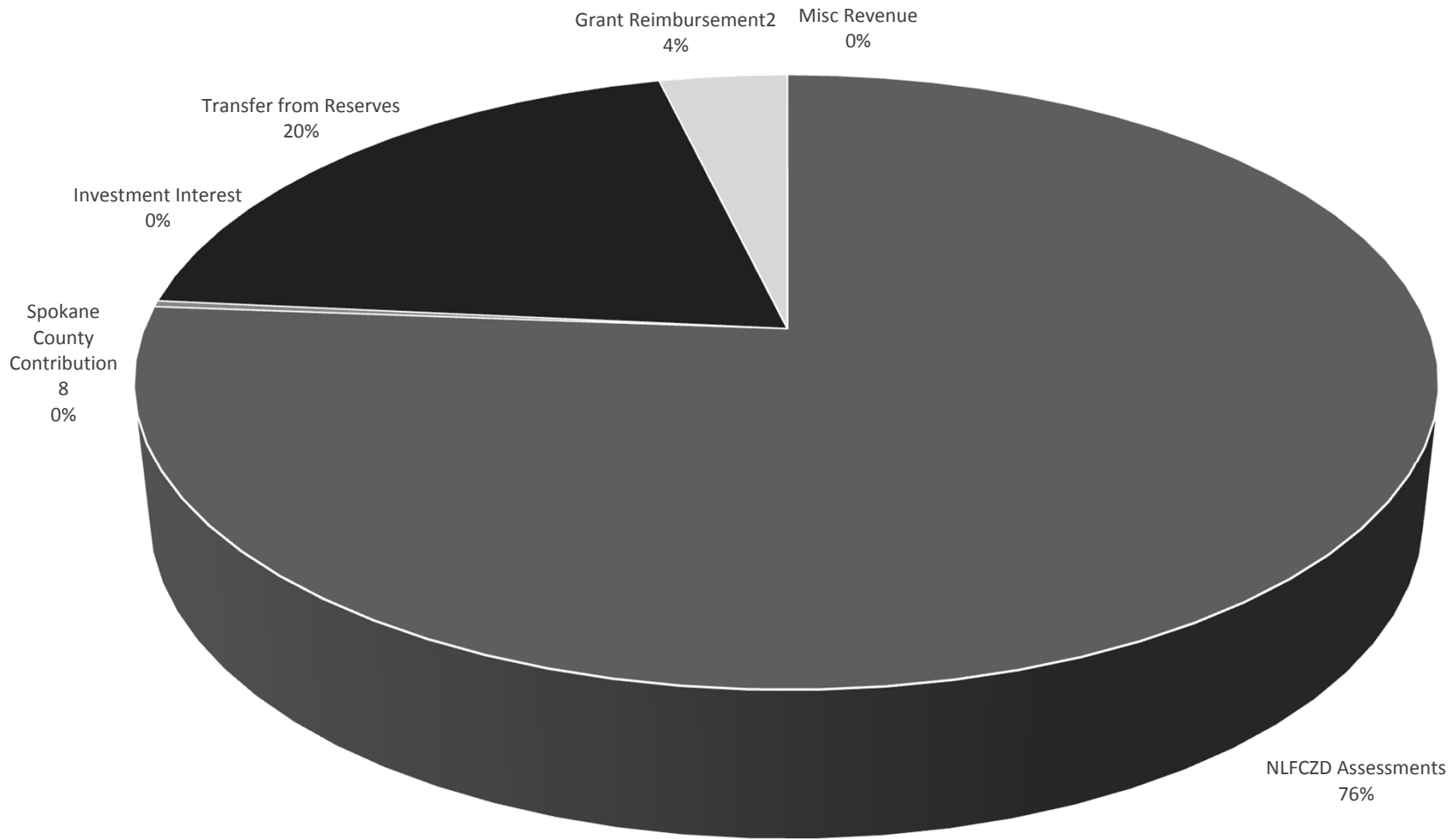
Notes:

- Goal Reserve Balances are \$40,000 for Flood Control and \$70,000 for Water Quality allowing for major facility maintenance projects. Dike classification is currently under review and maintenance/repair is anticipated for 2017.
- Grant Reimbursement - \$25,000 Ecology grant for milfoil control for 7/1/16-6/30/18 period.
- Salaries/OH/Benefits - Increased Engineer time to 27 weeks from 13 weeks & reduced Technician time from 23 weeks to 16 weeks. Includes best estimate of updated rates and benefits.
- Lake WQ Monitoring & Lab Services - Includes hydroacoustic analyses and lake monitoring costs to satisfy permit requirements.
- Watershed Activities - Covers equipment, Regional Lakes Conference Sponsorship, signage, and other expenses.
- NPDES General Permit Fee - Covers both alum injection system and milfoil treatment permit fee through Ecology.
- Milfoil Control - Estimated project expenses for 33 acres of liquid 2,4-D treatment, 20 hrs diver suction weeding, install/removal of 5 barrier mats, and treatment notice mailing.
- Spokane County Board of County Commissioners approved a one time contribution to the NLCZD of \$8,000 for 2013.
- Equipment Maintenance - To cover the yearly equipment maintenance and boat moorage fee.
- Sump Cleaning - Covers basic sump cleaning and estimated repair/maintenance on low portion of the dike.

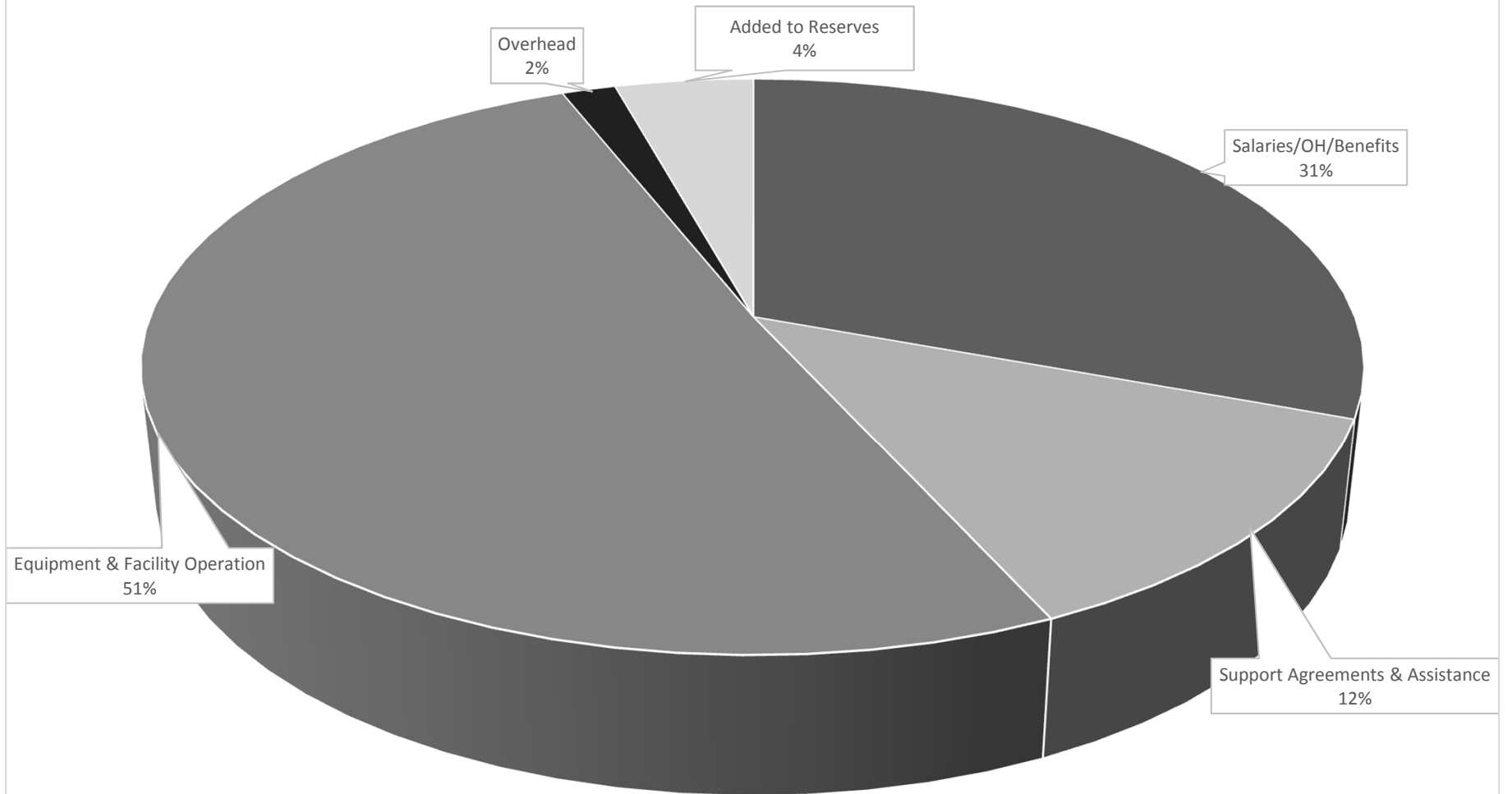
# Newman Lake Flood Control Zone District

2017 Income

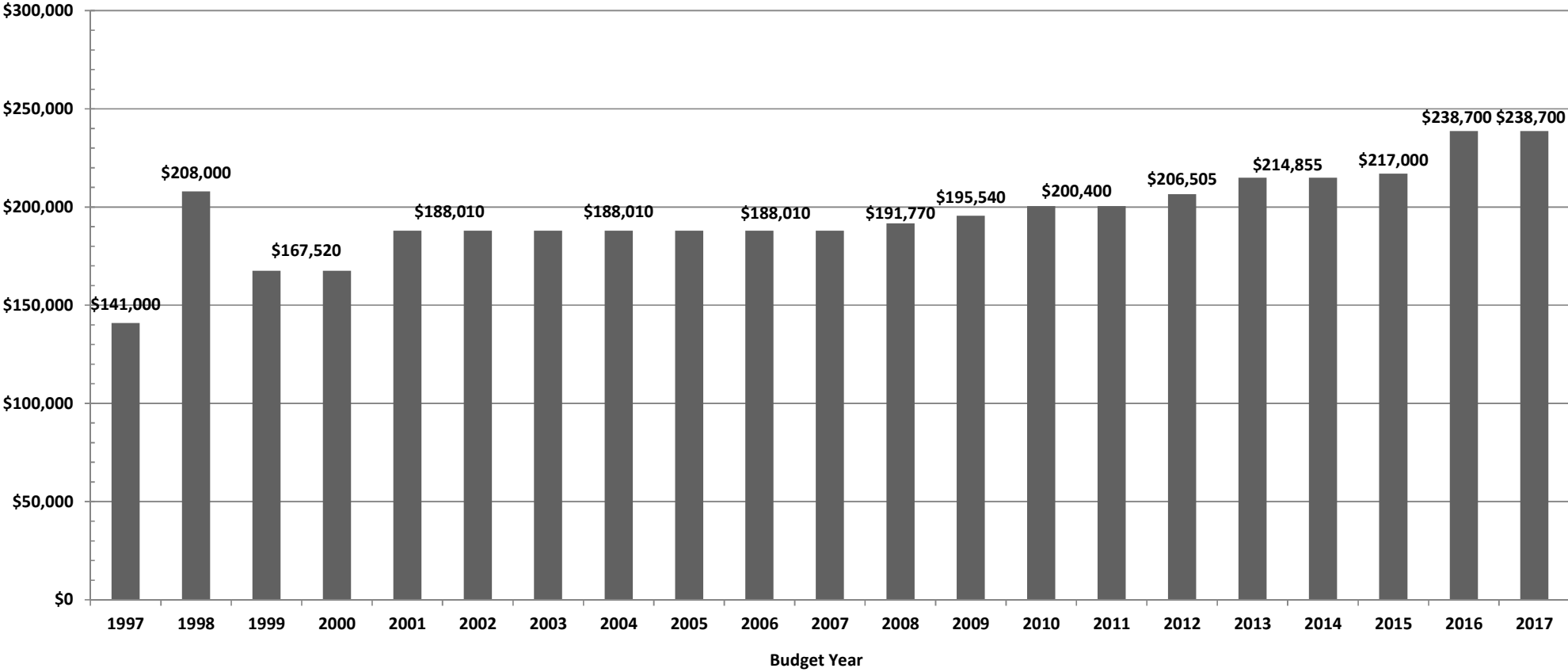
Total = \$313,283



Newman Lake Flood Control Zone District  
2017 Expenses  
Total = \$313,283



**NEWMAN LAKE FLOOD CONTROL ZONE DISTRICT  
TOTAL ASSESSMENTS 1997-2017**



## **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.

**General Permits** – includes the Ecology Aquatic Plant and Algae Management General Permit fee 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.