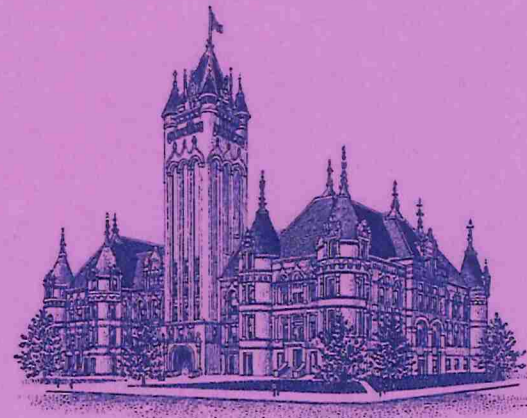


**2015  
NEWMAN LAKE  
FLOOD CONTROL ZONE  
DISTRICT BUDGET**

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



**SPOKANE COUNTY**

**2015 PROPOSED BUDGET - NEWMAN LAKE FLOOD CONTROL ZONE DISTRICT**

|   | 2013 BUDGET     |                  |                  | 2013 Actual<br>Total | 2014 BUDGET     |                  |                  | 2014 To-Date<br>Total | 2015 BUDGET     |                  |                  | 2014/2015<br>%Change |
|---|-----------------|------------------|------------------|----------------------|-----------------|------------------|------------------|-----------------------|-----------------|------------------|------------------|----------------------|
|   | FC              | WQ               | Total            |                      | FC              | WQ               | Total            |                       | FC              | WQ               | Total            |                      |
| <b>INCOME SUMMARY</b>                             |                 |                  |                  |                      |                 |                  |                  |                       |                 |                  |                  |                      |
| 1 NLCZD Assessments                               | \$35,375        | \$179,480        | \$214,855        | \$219,703            | \$35,375        | \$179,480        | \$214,855        | \$214,855             | \$36,500        | \$180,500        | \$217,000        | 1.00%                |
| 1* Spokane County Contribution <sup>8</sup>       | \$0             | \$8,000          | \$8,000          | \$8,000              | \$0             | \$0              | \$0              | \$0                   | \$0             | \$0              | \$0              | 0.00%                |
| 2 Investment Interest                             | \$700           | \$700            | \$1,400          | \$950                | \$650           | \$650            | \$1,300          | \$758                 | \$550           | \$550            | \$1,100          | -15.38%              |
| 3 Transfer from Reserves                          | \$0             | \$0              | \$0              | \$18,464             | \$0             | \$0              | \$0              | \$0                   | \$0             | \$0              | \$0              | 0.00%                |
| 4 Grant Reimbursement <sup>2</sup>                | \$0             | \$0              | \$0              | \$2,773              | \$0             | \$38,000         | \$38,000         | \$51,439              | \$0             | \$17,788         | \$17,788         | -53.19%              |
| 5 Misc Revenue                                    | \$0             | \$0              | \$0              | \$0                  | \$0             | \$0              | \$0              | \$0                   | \$0             | \$0              | \$0              | 0.00%                |
| 6 <b>TOTAL INCOME</b>                             | <b>\$36,075</b> | <b>\$188,180</b> | <b>\$224,255</b> | <b>\$249,890</b>     | <b>\$36,025</b> | <b>\$218,130</b> | <b>\$254,155</b> | <b>\$267,051</b>      | <b>\$37,050</b> | <b>\$198,838</b> | <b>\$235,888</b> | <b>-7.19%</b>        |
| <b>EXPENDITURES</b>                               |                 |                  |                  |                      |                 |                  |                  |                       |                 |                  |                  |                      |
| <b>Salaries/OH/Benefits<sup>3</sup></b>           |                 |                  |                  |                      |                 |                  |                  |                       |                 |                  |                  |                      |
| 10 NL Engineer                                    | \$7,278         | \$16,981         | \$24,259         | \$26,868             | \$8,049         | \$14,948         | \$22,998         | \$13,169              | \$8,268         | \$15,355         | \$23,624         | 2.72%                |
| 11 NL Technician                                  | \$9,229         | \$36,918         | \$46,147         | \$42,776             | \$8,805         | \$35,219         | \$44,024         | \$25,291              | \$8,915         | \$35,659         | \$44,574         | 1.25%                |
| 12 FC/Aerator Tech                                | \$2,100         | \$4,140          | \$6,240          | \$5,161              | \$2,100         | \$4,140          | \$6,240          | \$3,433               | \$2,100         | \$4,140          | \$6,240          | 0.00%                |
| 13 Other Assistance                               | \$2,500         | \$2,000          | \$4,500          | \$7,363              | \$2,500         | \$2,000          | \$4,500          | \$4,526               | \$2,900         | \$2,900          | \$5,800          | 28.89%               |
| 14 <b>Subtotal-</b>                               | <b>\$21,107</b> | <b>\$60,039</b>  | <b>\$81,146</b>  | <b>\$82,167</b>      | <b>\$21,454</b> | <b>\$56,308</b>  | <b>\$77,762</b>  | <b>\$46,419</b>       | <b>\$22,183</b> | <b>\$58,055</b>  | <b>\$80,238</b>  | <b>3.18%</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         | \$22,500              |                 | \$33,750         | \$33,750         | 0.00%                |
| 21 Watershed Activities <sup>5</sup>              |                 | \$1,000          | \$1,000          | \$251                |                 | \$1,000          | \$1,000          | \$150                 |                 | \$950            | \$950            | -5.00%               |
| 22 NPDES General Permit <sup>6</sup>              |                 | \$500            | \$500            | \$474                |                 | \$500            | \$500            | \$733                 |                 | \$525            | \$525            | 5.00%                |
| 23 NRCS for Snow Gage Site                        | \$3,000         |                  | \$3,000          | \$3,000              | \$3,000         |                  | \$3,000          | \$2,250               | \$3,000         |                  | \$3,000          | 0.00%                |
| 24 Legal Assistance                               | \$200           | \$200            | \$400            | \$0                  | \$200           | \$200            | \$400            | \$0                   | \$100           | \$100            | \$200            | -50.00%              |
| 25 <b>Subtotal-</b>                               | <b>\$3,200</b>  | <b>\$35,450</b>  | <b>\$38,650</b>  | <b>\$37,475</b>      | <b>\$3,200</b>  | <b>\$35,450</b>  | <b>\$38,650</b>  | <b>\$25,633</b>       | <b>\$3,100</b>  | <b>\$35,325</b>  | <b>\$38,425</b>  | <b>-0.58%</b>        |
| <b>Equip. &amp; Facility Oper./Repair/Maint.</b>  |                 |                  |                  |                      |                 |                  |                  |                       |                 |                  |                  |                      |
| 30 Minor FC Maintenance/Repairs                   | \$1,500         |                  | \$1,500          | \$770                | \$1,500         |                  | \$1,500          | \$0                   | \$1,500         |                  | \$1,500          | 0.00%                |
| 31 Sump Cleaning                                  | \$2,000         |                  | \$2,000          | \$0                  | \$2,000         |                  | \$2,000          | \$0                   | \$2,000         |                  | \$2,000          | 0.00%                |
| 32 Noxious Weed Control                           | \$3,000         |                  | \$3,000          | \$3,081              | \$3,000         |                  | \$3,000          | \$2,811               | \$3,000         |                  | \$3,000          | 0.00%                |
| 33 Milfoil Control <sup>7</sup>                   |                 | \$9,500          | \$9,500          | \$20,986             |                 | \$30,000         | \$30,000         | \$52,035              |                 | \$17,788         | \$17,788         | -40.71%              |
| 34 Electricity                                    |                 | \$23,500         | \$23,500         | \$19,801             |                 | \$23,500         | \$23,500         | \$11,916              |                 | \$23,500         | \$23,500         | 0.00%                |
| 35 Alum Purchases                                 |                 | \$40,280         | \$40,280         | \$41,107             |                 | \$40,280         | \$40,280         | \$18,080              |                 | \$40,280         | \$40,280         | 0.00%                |
| 36 Equipment Maint.                               |                 | \$6,000          | \$6,000          | \$25,614             |                 | \$6,000          | \$6,000          | \$6,776               |                 | \$7,000          | \$7,000          | 16.67%               |
| 37 Water Service                                  |                 | \$425            | \$425            | \$411                |                 | \$425            | \$425            | \$419                 |                 | \$430            | \$430            | 1.18%                |
| 38 Materials and Supplies                         | \$450           | \$975            | \$1,425          | \$767                | \$450           | \$975            | \$1,425          | \$151                 | \$450           | \$975            | \$1,425          | 0.00%                |
| 39 <b>Subtotal-</b>                               | <b>\$6,950</b>  | <b>\$80,680</b>  | <b>\$87,630</b>  | <b>\$112,537</b>     | <b>\$6,950</b>  | <b>\$101,180</b> | <b>\$108,130</b> | <b>\$92,188</b>       | <b>\$6,950</b>  | <b>\$89,973</b>  | <b>\$96,923</b>  | <b>-10.36%</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          | \$1,908              | \$949           | \$949            | \$1,897          | \$708                 | \$836           | \$836            | \$1,671          | -11.91%              |
| 42 Motorpool/Mileage/Phones                       | \$750           | \$1,500          | \$2,250          | \$1,431              | \$750           | \$1,500          | \$2,250          | \$1,179               | \$750           | \$1,500          | \$2,250          | 0.00%                |
| 43 Adver., Printing, Post., Publ.                 | \$300           | \$325            | \$625            | \$715                | \$300           | \$325            | \$625            | \$11                  | \$300           | \$325            | \$625            | 0.00%                |
| 44 Watershed Newsletter                           | \$310           | \$610            | \$920            | \$1,038              | \$320           | \$640            | \$960            | \$1,388               | \$475           | \$950            | \$1,425          | 48.44%               |
| 45 Training/Travel                                | \$200           | \$500            | \$700            | \$949                | \$200           | \$500            | \$700            | \$0                   | \$200           | \$500            | \$700            | 0.00%                |
| 46 <b>Subtotal-</b>                               | <b>\$2,544</b>  | <b>\$3,884</b>   | <b>\$6,427</b>   | <b>\$6,041</b>       | <b>\$2,554</b>  | <b>\$3,914</b>   | <b>\$6,467</b>   | <b>\$3,287</b>        | <b>\$2,596</b>  | <b>\$4,111</b>   | <b>\$6,706</b>   | <b>3.70%</b>         |
| 50 <b>Expense Subtotal</b>                        | <b>\$33,800</b> | <b>\$180,052</b> | <b>\$213,853</b> | <b>\$238,220</b>     | <b>\$34,157</b> | <b>\$196,851</b> | <b>\$231,009</b> | <b>\$167,526</b>      | <b>\$34,829</b> | <b>\$187,463</b> | <b>\$222,292</b> | <b>-3.77%</b>        |
| 60 <b>Added to Reserves</b>                       | <b>\$2,275</b>  | <b>\$8,128</b>   | <b>\$10,402</b>  | <b>\$11,670</b>      | <b>\$1,868</b>  | <b>\$21,279</b>  | <b>\$23,146</b>  | <b>\$15,917</b>       | <b>\$2,221</b>  | <b>\$11,375</b>  | <b>\$13,596</b>  | <b>-41.26%</b>       |
| 70 <b>TOTAL EXPENDITURES</b>                      | <b>\$36,075</b> | <b>\$188,180</b> | <b>\$224,255</b> | <b>\$249,890</b>     | <b>\$36,025</b> | <b>\$218,130</b> | <b>\$254,155</b> | <b>\$183,443</b>      | <b>\$37,050</b> | <b>\$198,838</b> | <b>\$235,888</b> | <b>-7.19%</b>        |

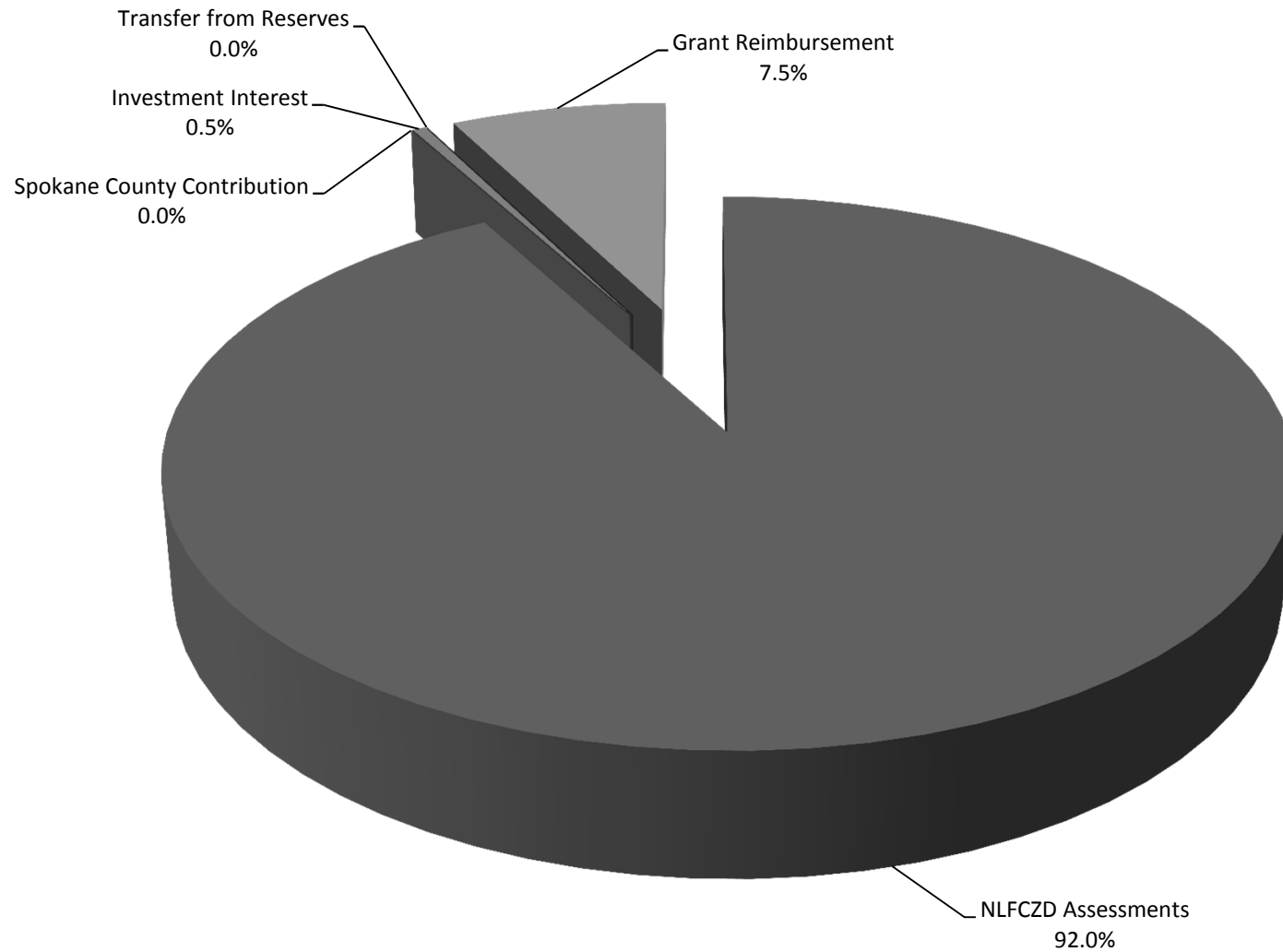
| RESERVES SUMMARY <sup>1</sup> | ACTUAL    |           |           | ESTIMATED |          |           | PROPOSED    |             |              |
|-------------------------------|-----------|-----------|-----------|-----------|----------|-----------|-------------|-------------|--------------|
|                               | ACTUAL FC | WQ        | TOTAL     | FC        | WQ       | TOTAL     | FC          | WQ          | TOTAL        |
| Reserves as of January 1st    | \$44,542  | \$59,560  | \$104,102 | \$56,212  | \$41,096 | \$97,308  | \$59,998    | \$53,227    | \$113,225    |
| From/Added to Repair Reserves | \$11,670  | -\$18,464 | -\$6,794  | \$3,786   | \$12,131 | \$15,917  | \$2,221     | \$11,375    | \$13,596     |
| Reserves as of December 31st  | \$56,212  | \$41,096  | \$97,308  | \$59,998  | \$53,227 | \$113,225 | \$62,219.04 | \$64,602.27 | \$126,821.31 |

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 - A \$66,667 milfoil grant with 75% match from Ecology was secured in 2013. A \$22,000 milfoil grant from DNR was secured in 2014.
- Salaries/OH/Benefits - Slight increase of the Engineer and Tech budget for 2015. Increase Engineer time to 10.5 weeks & Technician to 25.5 weeks. Includes best estimate of update rates and benefits.
- Lake WQ Monitoring & Lab Services - Includes hydroacoustic analyses and lake monitoring costs.
- 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 herbicide treatment, benthic barrier mats, and diver suction weeding.
- Spokane County Board of County Commissioners approved a one time contribution to the NLCZD of \$8,000 for 2013.

**NEWMAN LAKE FLOOD CONTROL ZONE DISTRICT  
2015 BUDGET**

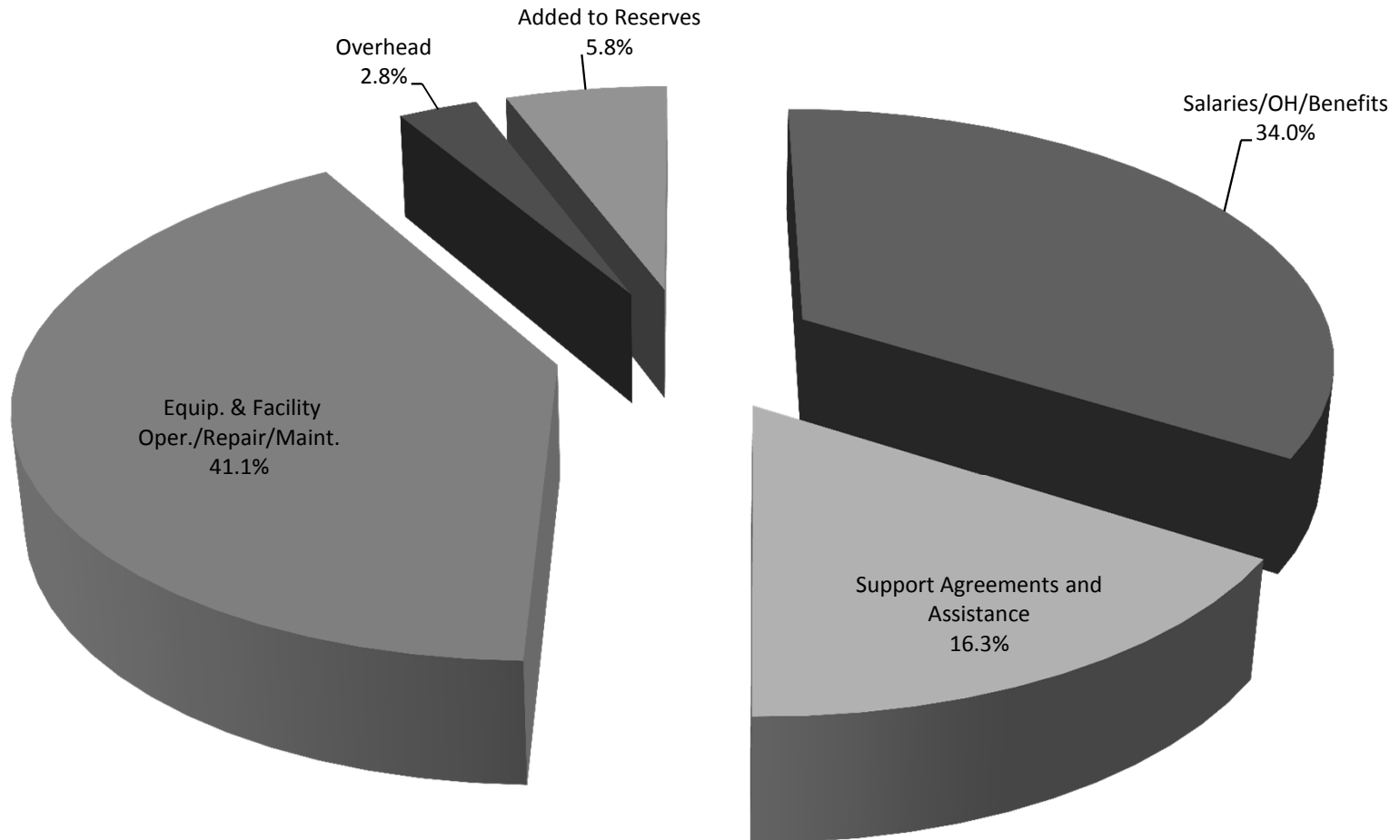
**TOTAL INCOME - \$235,888**



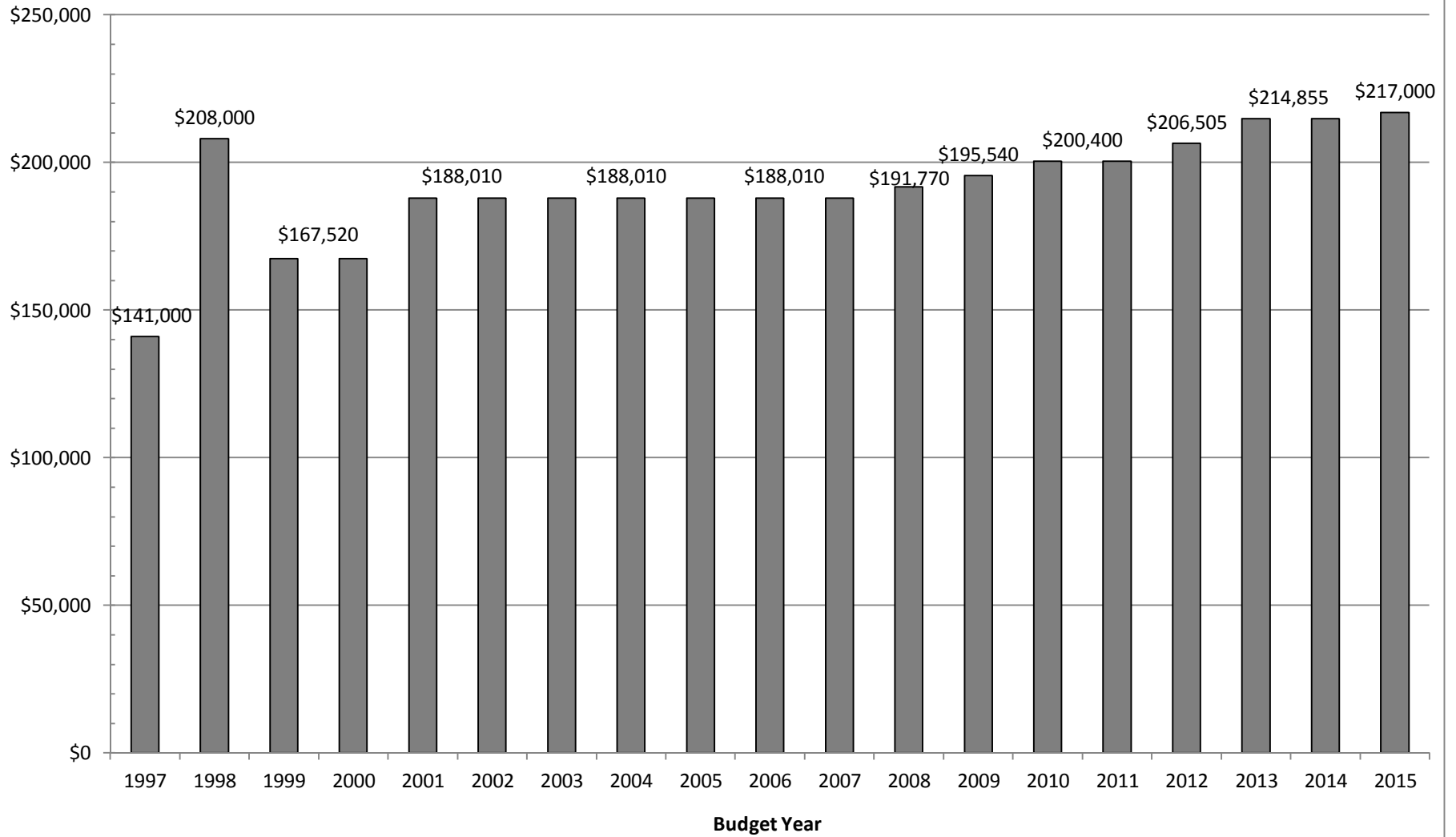
# NEWMAN LAKE FLOOD CONTROL ZONE DISTRICT

## 2015 BUDGET

TOTAL EXPENSES - \$235,888



# NEWMAN LAKE FLOOD CONTROL ZONE DISTRICT TOTAL ASSESSMENTS 1997-2015



## 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.

### 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 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, including electricity to run pumps and compressors, alum, and servicing for the aeration system equipment, and milfoil control including herbicide application.