

# **Sanitary District No. 5 of Marin County**

## **FY 2013-2014 Final Budget**

**June 30, 2013**

**Prepared by:**

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# Sanitary District No. 5 of Marin County

## Consolidated Final Budget FY 2013-2014

| Income                              | 2012-13 Budget    | 2013-2014 Budget  | %Diff       | Tib Zone         | Belv Zone        |
|-------------------------------------|-------------------|-------------------|-------------|------------------|------------------|
| Property Taxes                      | 768,900           | 768,900           | 0%          | 768,900          | 0                |
| Belv Sewer Service Charge Revenue   | 2,126,100         | 2,126,100         | 0%          | 0                | 2,126,100        |
| Tib Sewer Service Charge Revenue    | 2,201,700         | 2,201,700         | 0%          | 2,201,700        | 0                |
| Interest                            | 17,500            | 17,500            | 0%          | 12,602           | 4,898            |
| Connection Fees                     | 90,100            | 90,100            | 0%          | 65,100           | 25,000           |
| Paradise Sewer Extension Fees       | 40,000            | 40,000            | 0%          | 40,000           | 0                |
| Other Income                        | 79,700            | 79,700            | 0%          | 52,077           | 27,623           |
| Revenue Bond Proceeds - MPR Project | 0                 | 0                 | 0%          | 0                | 0                |
| Interest - MPR Project Fund         | 17,500            | 17,500            | 0%          | 11,337           | 6,164            |
| MPR SASM Expense Reimbursement      | 0                 | 0                 | 0%          | 0                | 0                |
| <b>Total Budget Income</b>          | <b>5,341,500</b>  | <b>5,341,500</b>  | <b>0%</b>   | <b>3,151,716</b> | <b>2,189,785</b> |
|                                     |                   |                   |             |                  |                  |
| Expense                             |                   |                   |             |                  |                  |
| Operating Expenses                  | 2,736,400         | 3,138,960         | 115%        | 2,028,071        | 1,110,889        |
| Capital Expenses - non-MPR Project  | 1,945,900         | 3,037,900         | 156%        | 1,732,816        | 1,305,084        |
| Capital Expenses - MPR Project      | 8,242,430         | 8,242,430         | 0%          | 5,339,446        | 2,902,984        |
| <b>Total Budgeted Expenses</b>      | <b>12,924,730</b> | <b>14,419,290</b> | <b>112%</b> | <b>9,100,333</b> | <b>5,318,957</b> |

**Sanitary District No. 5  
of Marin County**

**FY 2013-2014**

**Final Operating Budget**

**Sanitary District No. 5 of Marin County  
Final Operating Budget  
FY 2013-2014**

|  | 2012-2013<br>Operations<br>Budget | 2013-2014<br>Operations<br>Budget | % Bud.<br>Diff | Notes | Breakdown by Zone |                  |               |
|--|-----------------------------------|-----------------------------------|----------------|-------|-------------------|------------------|---------------|
|  |                                   |                                   |                |       | Tib Ops           | Belv Ops         | P.C. Ops      |
| <b>Income</b>                          |                                   |                                   |                |       |                   |                  |               |
| Tib Property Tax Current Secured - Ops | 0                                 | 0                                 | 0%             |       | 0                 | 0                | 0             |
| Belvedere Sewer Service Charge - Ops   | 999,300                           | 999,300                           | 0%             |       | 0                 | 999,300          | 0             |
| Tiburon Sewer Service Charge - Ops     | 1,898,400                         | 1,898,400                         | 0%             |       | 1,824,742         | 0                | 73,658        |
| Other User Fees                        | 23,300                            | 23,300                            | 0%             |       | 23,300            | 0                | 0             |
| Interest Earning                       | 17,500                            | 17,500                            | 0%             |       | 12,113            | 4,898            | 489           |
| Inspection Fees                        | 2,800                             | 2,800                             | 0%             |       | 1,500             | 1,100            | 200           |
| SASM Expense Reimbursement             | 46,800                            | 46,800                            | 0%             |       | 29,587            | 16,141           | 1,072         |
| Nextel Lease                           | 30,000                            | 30,000                            | 0%             |       | 18,966            | 10,347           | 687           |
| Other Income                           | 100                               | 100                               | 0%             |       | 64                | 34               | 2             |
| <b>Total Income</b>                    | <b>3,018,200</b>                  | <b>3,018,200</b>                  | <b>0%</b>      |       | <b>1,910,272</b>  | <b>1,031,820</b> | <b>76,108</b> |

**Sanitary District No. 5 of Marin County**  
**Final Operating Budget**  
**FY 2013-2014**

| Expense                                    | 2012-2013<br>Operations<br>Budget | 2013-2014<br>Operations<br>Budget | % Bud.<br>Diff | Notes                             | Breakdown by Zone |                |              |
|--|-----------------------------------|-----------------------------------|----------------|-----------------------------------|-------------------|----------------|--------------|
|  |                                   |                                   |                |                                   | Tib Ops           | Belv Ops       | P.C. Ops     |
| <b>Administrative</b>                      |                                   |                                   |                |                                   |                   |                |              |
| Advertising                                | 2,500                             | 2,500                             | 0%             |                                   | 1,581             | 862            | 57           |
| Outreach & Newsletter                      | 6,000                             | 6,000                             | 0%             |                                   | 3,793             | 2,069          | 137          |
| Audit & Accounting                         | 18,000                            | 18,000                            | 0%             |                                   | 11,380            | 6,208          | 412          |
| Consulting Fees                            | 23,000                            | 75,000                            | 326%           |                                   | 47,415            | 25,868         | 1,718        |
| Travel & Meetings                          | 19,000                            | 19,000                            | 0%             |                                   | 12,012            | 6,553          | 435          |
| Contributions                              | 0                                 | 0                                 | 0%             |                                   | 0                 | 0              | 0            |
| Continuing Education                       | 18,000                            | 18,000                            | 0%             |                                   | 11,380            | 6,208          | 412          |
| County Fees                                | 12,500                            | 12,500                            | 0%             |                                   | 7,903             | 4,311          | 286          |
| Directors Fees                             | 9,000                             | 9,000                             | 0%             |                                   | 5,690             | 3,104          | 206          |
| Dues & Subscriptions                       | 17,000                            | 17,000                            | 0%             |                                   | 10,747            | 5,863          | 389          |
| Elections                                  | 0                                 | 7,000                             | 100%           |                                   | 4,425             | 2,414          | 160          |
| Insurance Property & Liability             | 43,000                            | 43,000                            | 0%             |                                   | 27,185            | 14,831         | 985          |
| Legal                                      | 70,000                            | 140,000                           | 200%           |                                   | 88,508            | 48,286         | 3,206        |
| Office Supplies                            | 7,500                             | 7,500                             | 0%             |                                   | 4,742             | 2,587          | 172          |
| Data/Alarms/IT Support & Licensing         | 21,000                            | 35,000                            | 167%           | Upgrade computers - SCADA support | 22,127            | 12,072         | 802          |
| Postage                                    | 1,600                             | 1,600                             | 0%             |                                   | 1,012             | 552            | 37           |
| Pollution Prevention                       | 3,500                             | 3,500                             | 0%             |                                   | 2,213             | 1,207          | 80           |
| Safety                                     | 12,000                            | 12,000                            | 0%             |                                   | 7,586             | 4,139          | 275          |
| Miscellaneous Expense                      | 0                                 | 0                                 | 0%             |                                   | 0                 | 0              | 0            |
| <b>Total Administrative</b>                | <b>283,600</b>                    | <b>426,600</b>                    | <b>150%</b>    |                                   | <b>269,697</b>    | <b>147,134</b> | <b>9,769</b> |
| <b>Maintenance and Repair</b>              |                                   |                                   |                |                                   |                   |                |              |
| <b>Pumps &amp; Lines Maintenance</b>       |                                   |                                   |                |                                   |                   |                |              |
| Pumps & Lines Maintenance                  | 70,000                            | 200,000                           | 286%           | Vactor, Small machine, I&I, Parts | 104,254           | 94,143         | 1,603        |
| Sewer Line Spot Repair                     | 0                                 | 0                                 | 0%             |                                   | 0                 | 0              | 0            |
| Inflow & Infiltration Study                | 10,000                            | 10,000                            | 0%             |                                   | 5,000             | 5,000          | 0            |
| <b>Total Pumps &amp; Lines Maintenance</b> | <b>80,000</b>                     | <b>210,000</b>                    | <b>263%</b>    |                                   | <b>109,254</b>    | <b>99,143</b>  | <b>1,603</b> |

**Sanitary District No. 5 of Marin County  
Final Operating Budget  
FY 2013-2014**

|  | 2012-2013<br>Operations<br>Budget | 2013-2014<br>Operations<br>Budget | % Bud.<br>Diff | Notes                                    | Breakdown by Zone |               |               |
|--|-----------------------------------|-----------------------------------|----------------|--|-------------------|---------------|---------------|
|  |                                   |                                   |                |  | Tib Ops           | Belv Ops      | P.C. Ops      |
| <b>Main Plant Maintenance</b>                |                                   |                                   |                |  |                   |               |               |
| Plant Maintenance Supplies                   | 10,000                            | 10,000                            | 0%             |  | 6,470             | 3,530         | 0             |
| Plant Maint. Parts & Service                 | 25,000                            | 25,000                            | 0%             |  | 16,175            | 8,825         | 0             |
| Janitorial Supplies & Service                | 5,000                             | 5,000                             | 0%             |  | 3,235             | 1,765         | 0             |
| Main Plant Chemicals                         | 110,000                           | 115,000                           | 105%           | RDT Polymer-Bioxide                      | 74,405            | 40,595        | 0             |
| Lab Supplies & Chemicals                     | 7,000                             | 7,000                             | 0%             |  | 4,529             | 2,471         | 0             |
| SASM Supplies & Chemicals                    | 46,800                            | 46,800                            | 0%             |  | 30,280            | 16,520        | 0             |
| Electrical & Instrument                      | 5,000                             | 1,000                             | 20%            | Joe on staff (\$1k for electrical parts) | 647               | 353           | 0             |
| Grounds Maintenance                          | 1,500                             | 3,000                             | 200%           | Tree Trimming                            | 1,941             | 1,059         | 0             |
| Main Plant Sludge Disposal                   | 26,000                            | 26,000                            | 0%             |  | 16,822            | 9,178         | 0             |
| <b>Total Main Plant Maintenance</b>          | <b>236,300</b>                    | <b>238,800</b>                    | <b>101%</b>    |  | <b>154,504</b>    | <b>84,296</b> | <b>0</b>      |
| <b>Paradise Cove Plant Maintenance</b>       |                                   |                                   |                |  |                   |               |               |
| Paradise Parts & Service                     | 11,000                            | 5,000                             | 45%            | No Painting                              | 0                 | 0             | 5,000         |
| Paradise Supplies & Chemicals                | 2,500                             | 2,500                             | 0%             |  | 0                 | 0             | 2,500         |
| Paradise Sludge Disposal                     | 7,900                             | 7,900                             | 0%             |  | 0                 | 0             | 7,900         |
| <b>Total Paradise Cove Plant Maintenance</b> | <b>21,400</b>                     | <b>15,400</b>                     | <b>72%</b>     |  | <b>0</b>          | <b>0</b>      | <b>15,400</b> |
| <b>Monitoring</b>                            |                                   |                                   |                |  |                   |               |               |
| Main Plant Monitoring                        | 50,000                            | 55,000                            | 110%           | Anticipated new permit req.              | 35,585            | 19,415        | 0             |
| Chronic Toxicity Program Eval                | 13,000                            | 13,000                            | 0%             |  | 8,411             | 4,589         | 0             |
| Paradise Cove Monitoring                     | 8,500                             | 8,500                             | 0%             |  | 0                 | 0             | 8,500         |
| <b>Total Monitoring</b>                      | <b>71,500</b>                     | <b>76,500</b>                     | <b>107%</b>    |  | <b>43,996</b>     | <b>24,004</b> | <b>8,500</b>  |
| <b>Permits/Fees</b>                          |                                   |                                   |                |  |                   |               |               |
| Main Plant NPDES Renewal                     | 45,000                            | 0                                 | -100%          | Permit Complete                          | 0                 | 0             | 0             |
| Paradise Cove Permits/Fees                   | 10,000                            | 10,000                            | 0%             |  | 0                 | 0             | 10,000        |
| Permits/Fees - General                       | 25,000                            | 25,000                            | 0%             |  | 16,175            | 8,825         | 0             |
| <b>Total Permits/Fees</b>                    | <b>80,000</b>                     | <b>35,000</b>                     | <b>44%</b>     |  | <b>16,175</b>     | <b>8,825</b>  | <b>10,000</b> |
| <b>Truck Maintenance</b>                     |                                   |                                   |                |  |                   |               |               |
| Truck Maintenance                            | 4,000                             | 4,000                             | 0%             |  | 2,529             | 1,380         | 92            |
| Fuel   | 9,500                             | 9,500                             | 0%             |  | 6,006             | 3,277         | 218           |
| <b>Total Truck Maintenance</b>               | <b>13,500</b>                     | <b>13,500</b>                     | <b>0%</b>      |  | <b>8,535</b>      | <b>4,656</b>  | <b>309</b>    |

**Sanitary District No. 5 of Marin County**  
**Final Operating Budget**  
**FY 2013-2014**

|   | 2012-2013<br>Operations<br>Budget | 2013-2014<br>Operations<br>Budget | % Bud.<br>Diff | Notes                                       | Breakdown by Zone |                  |                |
|---|-----------------------------------|-----------------------------------|----------------|---|-------------------|------------------|----------------|
|   |                                   |                                   |                |   | Tib Ops           | Belv Ops         | P.C. Ops       |
| <b>Salaries &amp; Benefits</b>              |                                   |                                   |                |   |                   |                  |                |
| Salaries                                    | 867,700                           | 995,400                           | 115%           | New Hires (R Dohrmann, B Simmons, J Triola) | 629,292           | 343,313          | 22,795         |
| Part-Time                                   | 0                                 | 0                                 | 0%             |   | 0                 | 0                | 0              |
| Overtime                                    | 45,000                            | 45,000                            | 0%             |   | 28,449            | 15,521           | 1,031          |
| Standby Pay                                 | 32,000                            | 39,680                            | 124%           | Added man on stand-by (J Triola)            | 25,086            | 13,686           | 909            |
| Vacation Buy-Out                            | 20,000                            | 20,000                            | 0%             |   | 12,644            | 6,898            | 458            |
| Car Allowance                               | 12,000                            | 12,000                            | 0%             |   | 7,586             | 4,139            | 275            |
| Payroll Taxes                               | 74,700                            | 74,700                            | 0%             |   | 47,225            | 25,764           | 1,711          |
| PERS Retirement                             | 315,800                           | 315,800                           | 0%             |   | 199,649           | 108,919          | 7,232          |
| Empl. Hlth, Dental, Life Isn., SDI & Vision | 173,000                           | 173,000                           | 0%             |   | 109,371           | 59,668           | 3,962          |
| Retiree Health                              | 88,000                            | 150,180                           | 171%           |   | 94,944            | 51,797           | 3,439          |
| Workers Comp Insurance                      | 18,200                            | 18,200                            | 0%             |   | 11,506            | 6,277            | 417            |
| Payroll/Bank Fees                           | 4,900                             | 4,900                             | 0%             |   | 3,098             | 1,690            | 112            |
| <b>Total Salaries</b>                       | <b>1,651,300</b>                  | <b>1,848,860</b>                  | <b>112%</b>    |   | <b>1,168,849</b>  | <b>637,672</b>   | <b>42,339</b>  |
| <b>Uniforms</b>                             | <b>10,000</b>                     | <b>11,000</b>                     | <b>110%</b>    | Trainees                                    | <b>6,954</b>      | <b>3,794</b>     | <b>252</b>     |
| <b>Telephone</b>                            |                                   |                                   |                |   |                   |                  |                |
| Main Plant Telephones                       | 13,500                            | 13,500                            | 0%             |   | 8,735             | 4,766            | 0              |
| Paradise Cove Telephones                    | 1,500                             | 1,500                             | 0%             |   | 0                 | 0                | 1,500          |
| Pumps & Lines Telephones                    | 7,500                             | 10,000                            | 133%           | Tiburon Stations Communications             | 7,242             | 2,587            | 172            |
| <b>Total Telephone</b>                      | <b>22,500</b>                     | <b>25,000</b>                     | <b>111%</b>    |   | <b>15,976</b>     | <b>7,352</b>     | <b>1,672</b>   |
| <b>Utilities</b>                            |                                   |                                   |                |   |                   |                  |                |
| Water                                       | 4,500                             | 4,500                             | 0%             |   | 2,915             | 1,585            | 0              |
| Main Plant Utilities                        | 190,000                           | 162,000                           | 85%            | Due to MPR Project                          | 104,944           | 57,056           | 0              |
| Paradise Cove Utilities                     | 13,500                            | 13,500                            | 0%             |   | 0                 | 0                | 13,500         |
| Pump Station Utilities                      | 35,000                            | 35,000                            | 0%             |   | 22,127            | 12,072           | 802            |
| <b>Total Utilities</b>                      | <b>243,000</b>                    | <b>215,000</b>                    | <b>88%</b>     |   | <b>129,986</b>    | <b>70,713</b>    | <b>14,302</b>  |
| <b>Belvedere Loan</b>                       |                                   |                                   |                |   |                   |                  |                |
| Belvedere Westamerica Loan Interest         | 23,300                            | 23,300                            | 0%             |   | 0                 | 23,300           | 0              |
| <b>Total Belvedere Loan</b>                 | <b>23,300</b>                     | <b>23,300</b>                     | <b>0%</b>      |   | <b>0</b>          | <b>23,300</b>    | <b>0</b>       |
| <b>Total Operating Expense</b>              | <b>2,736,400</b>                  | <b>3,138,960</b>                  | <b>115%</b>    |   | <b>1,923,925</b>  | <b>1,110,889</b> | <b>104,145</b> |

## Operating Assumptions

### Operating Revenue Assumptions

Paradise Cove flow represent 2.29% of total flow for District. This percentage is used to reflect the Paradise Cove share of the District-wide revenues.

Tiburon Sewer Service Charge is \$825 per EDU (Equivalent Dwelling Unit).

Belvedere Sewer Service Charge is \$1,836 per EDU. 47% of this revenue is allocated for operational needs to meet reserve/fund policy requirements.

Interest revenue for LAIF (Local Agency Investment Fund) accounts is estimated at 0.35% for FY 2013-14.

Nextel lease annually per CPI, minimum 3%.

Other income includes CAL-Card incentive payments.

### Operating Expense Assumptions

County fees account reflects property tax collection fees imposed by County (per SB2557) and annual LAFCO (Local Agency Formation Commission) fee.

Salary categories include 2.5% COLA increase.

PERS employer contribution retirement rate is 29.980%; employee contribution rate is 8.64%.

Worker's compensation premium based on 3.76% rate, with an 80% experience modification factor.

Paradise Cove operating expense is 2.29% of operating expenses in applicable District-wide categories; this is based on Paradise Cove's average annual percentage of influent flow from the from the 2011 calendar year and are being carried over to the 2012 calendar year.

Belvedere operating expense is 35.3% of main plant-related categories, and 34.49% of expenses that pertain to all three zones; this is based on Belvedere's average annual percentage of influent flow from the 2011 calendar year and are being carried over to the 2012 calendar year.

### Formulas for Determining Percentage Breakdowns (Operating & Capital):

Tiburon Only: 100%

Belvedere Only: 100%

Paradise Cove Only: 100%

Shared Tiburon & Belvedere: 64.70% / 35.30%

Shared Tiburon & Paradise Cove: 96.22% / 3.88%

Shared Tiburon, Belvedere & Paradise Cove: 63.22% / 34.49% / 2.29%



**Sanitary District No. 5  
of Marin County**

**FY 2013-2014  
Final Capital Budget**

Sanitary District No. 5 of Marin County  
Final Capital Budget  
FY 2013-2014

|   | 2012-2013<br>Capital<br>Budget | 2013-2014<br>Capital<br>Budget | % Bud.<br>Diff | Notes | Tib Cap          | Belv Cap         | P.C. Cap       |
|---|--------------------------------|--------------------------------|----------------|-------|------------------|------------------|----------------|
| <b>Capital Income (non-MPR Project)</b>       |                                |                                |                |       |                  |                  |                |
| Property Taxes                                |                                |                                |                |       |                  |                  |                |
| Property Tax Current Secoured - Capital       | 550,000                        | 550,000                        | 0%             |       | 528,660          | 0                | 21,340         |
| Property Tax Current Unsecurued               | 10,000                         | 10,000                         | 0%             |       | 9,612            | 0                | 388            |
| Property Tax Prior Sec Redemption             | 0                              | 0                              | 0%             |       | 0                | 0                | 0              |
| Property Tax Prior Unsecured                  | 0                              | 0                              | 0%             |       | 0                | 0                | 0              |
| Supplemental Unsecured                        | 100                            | 100                            | 0%             |       | 96               | 0                | 4              |
| Supplemental Assessment Current               | 5,100                          | 5,100                          | 0%             |       | 4,902            | 0                | 198            |
| Supplemental Assessment Redm                  | 400                            | 400                            | 0%             |       | 384              | 0                | 16             |
| Excess ERAF                                   | 200,000                        | 200,000                        | 0%             |       | 192,240          | 0                | 7,760          |
| HOPTR   | 3,300                          | 3,300                          | 0%             |       | 3,172            | 0                | 128            |
| Total Property Taxes                          | 768,900                        | 768,900                        | 0%             |       | 739,066          | 0                | 29,834         |
| Belvedere Sewer Service Charge - Capital      | 1,126,800                      | 1,126,800                      | 0%             |       | 0                | 1,126,800        | 0              |
| Tiburon Sewer Service Charge - Capital        | 280,000                        | 280,000                        | 0%             |       | 269,136          | 0                | 10,864         |
| Connection Fees                               |                                |                                |                |       |                  |                  |                |
| Collection                                    | 19,000                         | 19,000                         | 0%             |       | 4,000            | 4,000            | 11,000         |
| Treatment                                     | 71,100                         | 71,100                         | 0%             |       | 21,000           | 21,000           | 29,100         |
| Total Connection Fees                         | 90,100                         | 90,100                         | 0%             |       | 25,000           | 25,000           | 40,100         |
| Paradise Drive Sewer Line Extensions Fees     | 40,000                         | 40,000                         | 0%             |       | 0                | 0                | 40,000         |
| <b>Total Capital Income (non-MPR Project)</b> | <b>2,305,800</b>               | <b>2,305,800</b>               | <b>0%</b>      |       | <b>1,033,203</b> | <b>1,151,800</b> | <b>120,797</b> |

Sanitary District No. 5 of Marin County  
Final Capital Budget  
FY 2013-2014

|  | 2012-2013<br>Capital<br>Budget | 2013-2014<br>Capital<br>Budget | % Bud.<br>Diff | Notes                                   | Tib Cap          | Belv Cap         | P.C. Cap      |
|--|--------------------------------|--------------------------------|----------------|---|------------------|------------------|---------------|
| <b>Capital Expenditures (non-MPR Project)</b>                  |                                |                                |                |   |                  |                  |               |
| Main Plant Equip Capital Expense (non-MPR)                     |                                |                                |                |   |                  |                  |               |
| Undesignated Cap - Main Plant Related Refrigerated Lab Sampler | 25,000                         | 25,000                         | 0%             |   | 16,175           | 8,825            | 0             |
|  | 0                              | 0                              | 0%             | Complete                                | 0                | 0                | 0             |
| <b>Total Main Plant Equip Capital Expense (non-MPR)</b>        | <b>25,000</b>                  | <b>25,000</b>                  | <b>0%</b>      |   | <b>16,175</b>    | <b>8,825</b>     | <b>0</b>      |
| Pumps & Lines Capital  |                                |                                |                |   |                  |                  |               |
| Tiburon Sewer Line Rehab                                       | 130,000                        | 227,000                        | 175%           |   | 227,000          | 0                | 0             |
| Pump Station Control Panel Upgrade                             | 80,000                         | 85,000                         | 0%             |   | 45,000           | 40,000           | 0             |
| Undesignated Capital Proj - P & L                              | 100,000                        | 100,000                        | 0%             | I&I Study/smoke testing repairs         | 50,000           | 50,000           | 0             |
| Belvedere Sewer Line Rehab                                     | 160,000                        | 310,000                        | 194%           |   | 0                | 310,000          | 0             |
| Valve/Wet Well Lid Cover Replacement                           | 20,000                         | 20,000                         | 0%             | Pump Station#13 - one per yr            | 0                | 20,000           | 0             |
| Pump Stations - Pump Replacement                               | 50,000                         | 85,000                         | 170%           |   | 60,000           | 25,000           | 0             |
| Pump Station Generator Replacement                             | 60,000                         | 60,000                         | 100%           |   | 60,000           | 0                | 0             |
| Station No. 5 Rebuild/4 Pumps/Generator                        | 30,000                         | 350,000                        | 1167%          | Replacement of Pump Station             | 350,000          | 0                | 0             |
| Stations No. 1 & 4 - Generator/Conduit                         | 150,000                        | 175,000                        | 117%           | Engineering & conduit installation      | 175,000          | 0                | 0             |
| Emergency Power  | 0                              | 160,000                        | 100%           | 2 sound attenuating portable generators | 0                | 160,000          | 0             |
| Cove Rd. Force Main Replacements                               | 0                              | 100,000                        | 100%           | Replace 2107' of force main             | 0                | 100,000          | 0             |
| Lagoon Rd - Install Generator/Conduit                          | 25,000                         | 200,000                        | 800%           | Purchase of generator; connection       | 0                | 200,000          | 0             |
| <b>Total Pumps &amp; Lines Capital</b>                         | <b>805,000</b>                 | <b>1,872,000</b>               | <b>233%</b>    |   | <b>967,000</b>   | <b>905,000</b>   | <b>0</b>      |
| Paradise Cove Capital  |                                |                                |                |   |                  |                  |               |
| Generator Replacement  | 0                              | 0                              | 0%             |   | 0                | 0                | 0             |
| Undesignated Cap - P.C. Plant Related                          | 5,000                          | 10,000                         | 200%           |   | 0                | 0                | 10,000        |
| Paint Treatment Plant  | 0                              | 20,000                         | 100%           |   | 0                | 0                | 20,000        |
| UV Disinfection  | 0                              | 0                              | 0%             |   | 0                | 0                | 0             |
| <b>Total Paradise Cove Capital</b>                             | <b>5,000</b>                   | <b>30,000</b>                  | <b>600%</b>    |   | <b>0</b>         | <b>0</b>         | <b>30,000</b> |
| Debt Service   |                                |                                |                |   |                  |                  |               |
| Debt Service - MPR Bond Principle                              | 575,000                        | 575,000                        | 0%             |   | 372,485          | 202,515          | 0             |
| Debt Service - MPR Bond Interest                               | 412,900                        | 412,900                        | 0%             |   | 267,477          | 145,423          | 0             |
| Belvedere Westamerica Loan Principle                           | 123,000                        | 123,000                        | 0%             |   | 79,679           | 43,321           | 0             |
| <b>Total Debt Service</b>                                      | <b>1,110,900</b>               | <b>1,110,900</b>               | <b>0%</b>      |   | <b>719,641</b>   | <b>391,259</b>   | <b>0</b>      |
| <b>Total Capital Expenditures (non-MPR Project)</b>            | <b>1,945,900</b>               | <b>3,037,900</b>               | <b>156%</b>    |   | <b>1,702,816</b> | <b>1,305,084</b> | <b>30,000</b> |

Sanitary District No. 5 of Marin County  
 Final Capital Budget  
 FY 2013-2014

|                                      | 2012-2013<br>Capital<br>Budget | 2013-2014<br>Capital<br>Budget | % Bud.<br>Diff | Notes | Tib Cap | Belv Cap | P.C. Cap |
|--------------------------------------|--------------------------------|--------------------------------|----------------|-------|---------|----------|----------|
| <b>Main Plant Rehab (MPR) Income</b> |                                |                                |                |       |         |          |          |
| Revenue Bond Proceeds - MPR Project  | 0                              | 0                              | 0%             |       | 0       | 0        | 0        |
| Interest Earnings - MPR Fund         | 17,500                         | 17,500                         | 0%             |       | 11,337  | 6,164    | 0        |
| MPR SASM Expense Reimbursement       | 0                              | 0                              | 0%             |       | 0       | 0        | 0        |
| <b>Total MPR Income</b>              | 17,500                         | 17,500                         | 0%             |       | 11,337  | 6,164    | 0        |

Sanitary District No. 5 of Marin County  
Final Capital Budget  
FY 2013-2014

|  | 2012-2013<br>Capital<br>Budget | 2013-2014<br>Capital<br>Budget | % Bud.<br>Diff | Notes | Tib Cap          | Belv Cap         | P.C. Cap |
|--|--------------------------------|--------------------------------|----------------|-------|------------------|------------------|----------|
| <b>Main Plant Rehab (MPR) Capital Expenditures</b> |                                |                                |                |       |                  |                  |          |
| MPR Final Design/Eng Services Bidding              | 0                              | 0                              | 0%             |       | 0                | 0                | 0        |
| MPR Environmental Study                            | 0                              | 0                              | 0%             |       | 0                | 0                | 0        |
| MPR Consulting Fees - Financing                    | 0                              | 0                              | 0%             |       | 0                | 0                | 0        |
| MPR Legal Fees                                     | 5,000                          | 5,000                          | 0%             |       | 3,239            | 1,761            | 0        |
| MPR Project - Temporary Office                     | 20,000                         | 20,000                         | 0%             |       | 12,956           | 7,044            | 0        |
| MPR Bond Financing Costs                           | 0                              | 0                              | 0%             |       | 0                | 0                | 0        |
| MPR Special Consultant                             | 106,603                        | 106,603                        | 0%             |       | 69,057           | 37,546           | 0        |
| MPR Office Serc/Eng Services Construction          | 550,288                        | 550,288                        | 0%             |       | 356,477          | 193,811          | 0        |
| MPR Field Services/Resident Engineering            | 111,539                        | 111,539                        | 0%             |       | 72,255           | 39,284           | 0        |
| MPR Updated Operations Manual                      | 48,000                         | 48,000                         | 0%             |       | 31,094           | 16,906           | 0        |
| MPR Construction                                   | 7,401,000                      | 7,401,000                      | 0%             |       | 4,794,368        | 2,606,632        | 0        |
| <b>Total MPR Capital Expenditures</b>              | <b>8,242,430</b>               | <b>8,242,430</b>               | <b>0%</b>      |       | <b>5,339,446</b> | <b>2,902,984</b> | <b>0</b> |

## **Capital Assumptions**

### Capital Revenue Assumptions

Secured property tax is a general revenue of the District (Tiburon zone only) and is subject to state tax shifts.

Supplemental property tax has declined as homes are re-valued and sold.

Excess ERAF (Educational Revenue Augmentation Fund) reimbursement will be announced in December.

HOPTR = Home Owner Property Tax Relief.

Belvedere capital income is set at 53% of its sewer service charge revenue to meet reserve/fund policy requirements.

Paradise Cove Connection fee income estimated: 5 homes @ \$8,000 each (\$40,000 total).

Paradise Drive Sewer Line Extension Fee income estimated: 4 homes @ \$10,000 each (\$40,000 total).

MPR = Main Plant Rehabilitation Project

### Capital Expense Assumptions

New capital projects are indicated in notes.

Belvedere capital expense is 35.30% of total main plant-related expenditures (Except for MPR Project); this is based on Belvedere's average annual percentage of influent flow from the 2011 calendar year and is being carried over to the 2012 calendar year.

Tiburon capital expense is 64.70% of total main plant-related expenditures (except for MPR Project); this is based on Tiburon's average annual percentage of influent flow from the 2011 calendar year and is being carried over to the 2012 calendar year.

Belvedere MPR Project capital expense is 35.22% of total expenditures (fixed allocation percentage from FY2012-2013, based on MPR Bond revenue split).

Tiburon MPR Project capital expense is 64.78% of total expenditures (fixed allocation percentage from FY2012-2013, based on MPR Bond revenue split).

**Sanitary District No. 5  
of Marin County**

**FY 2013-2014**

**Capital Improvement Program Budget**

Capital Improvement Program  
Sanitary District No.5  
2013/2019

**MAIN PLANT CAPITAL IMPROVEMENT PROGRAM**

| <i>Project Description</i>                  | 2013/2014        | 2014/2015      | 2015/2016     | 2016/2017     | 2017/2018      | 2018-2019     | TOTAL            |
|---|------------------|----------------|---------------|---------------|----------------|---------------|------------------|
| MPR Project                                 | 1,636,100        |                |               |               |                |               | 1,696,100        |
| Dry Weather Influent Pump                   |                  |                | 30,000        |               |                | 30,000        | 60,000           |
| Wet Weather Influent Pump                   |                  |                |               | 40,000        |                |               | 40,000           |
| Undesignated Capital Project                | 25,000           | 25,000         | 25,000        | 50,000        | 100,000        | 50,000        | 275,000          |
| Influent Sumps/ RAS sumps cover replacement |                  | 80,000         |               |               |                |               | 80,000           |
| Vehicle Replacement                         | 30,000           |                |               |               |                |               | 30,000           |
| Outfall Condition Assessment & Planning     | 100,000          |                |               |               |                |               | 100,000          |
| Entryway & ADA Access Improvements*         | 50,000           |                |               |               |                |               | 50,000           |
| <b><i>Treatment Plant Total</i></b>         | <b>1,841,100</b> | <b>105,000</b> | <b>55,000</b> | <b>90,000</b> | <b>100,000</b> | <b>80,000</b> | <b>2,271,100</b> |



Capital Improvement Program  
Sanitary District No.5  
2013/2019

| <b>Main Plant Project Name</b>          | <b>DESCRIPTION</b>   |
|---|--|
| Main Plant Rehabilitation Project       | The Main Plant Rehabilitation Project will replace nearly every Mechanical piece of equipment within the Facility, along with all Motor Control Centers. A full SCADA system will also be installed            |
| Dry Weather Influent Pump               | These funds will be used to purchase one new dry weather influent pump in FY 2014/2015<br>These were not part of the MPR project   |
| Wet Weather Influent Pump               | These funds will be used to purchase one new Wet Weather Influent Pump in FY 2015/2016<br>These were not part of the MPR project   |
| Undesignated Capital Projects           | These funds will be used for unforeseen project which may come up before the MPR project is Completed  |
| Influent/RAS sump cover replacement     | These funds will be used to replace rusted out cover and supports for the Influent Box covers and Replace the heavy cover on the RAS sump which requires 3 people to remove.                                   |
| Vehicle Replacement                     | These Funds will be used to replace the oldest vehicle the district owns<br>OPS truck has over 150,000 miles on it and travels to PC everyday  |
| Outfall Condition Assessment & Planning | This study will assess the condition of the existing shared use outfall. The cost of the study would be split with SASM, based on a 50/50 split.   |
| Entryway & ADA Access Improvements      | These improvements may include furnishing and incidentals for the new entryway and administration space at the Main Plant. The building and architectural improvements will be funded through the MPR Project. |

Capital Improvement Program  
Sanitary District No.5  
2013/2019

**TIBURON CAPITAL IMPROVEMENT PROGRAM**

| Project Description                      | 2013/2014      | 2014/2015      | 2015/2016      | 2016/2017      | 2017/2018      | 2018/2019      | TOTAL            |
|--|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Sewer Line Rehabilitation Program        | 227,000        | 100,000        | 100,000        | 100,000        | 100,000        | 100,000        | 727,000          |
| Pump Replacement                         | 25,000         | 25,000         | 25,000         | 25,000         | 25,000         | 25,000         | 150,000          |
| Generator Replacement                    | 60,000         | 60,000         |                |                |                |                | 120,000          |
| Pump Station Control Panel - Upgrade     | 85,000         | 45,000         | 45,000         |                |                |                | 175,000          |
| Station No.9 Structure Repair            |                |                |                |                |                |                | 0                |
| Station No. 5 Rebuild/ 4 pumps/generator | 350,000        |                |                |                |                |                | 350,000          |
| Station 1&4 - Generator Conduit          | 175,000        |                |                |                |                |                | 175,000          |
| Station No. 9 VFD/Controller Replacement |                |                |                |                |                |                | 0                |
| Undesignated Capital Projects            | 50,000         | 50,000         | 50,000         | 100,000        | 150,000        | 100,000        | 500,000          |
|  |                |                |                |                |                |                |                  |
|  |                |                |                |                |                |                |                  |
| <b>Tiburon Total</b>                     | <b>972,000</b> | <b>280,000</b> | <b>220,000</b> | <b>225,000</b> | <b>275,000</b> | <b>225,000</b> | <b>2,197,000</b> |

Capital Improvement Program  
Sanitary District No.5  
2013/2019

**TIBURON ZONE PUMPS & LINES CAPITAL IMPROVEMENT PROJECTS**

| <i>Tiburon Zone Pumps &amp; Line Project Name</i> | <i>Risk</i> | <i>DESCRIPTION</i>  |
|---|-------------|---|
| Sewer Line Rehabilitation Program                 |             | These fund will be used for the 10 years rehabilitation program that the Board of Director have approved. The rehabilitation program was approved after the completion of the Harris Report Rolled-over unused funds from 2012-2013 budget for upcoming year.   |
| Pump Station Pump Replacement Program             |             | The District has 24 pump stations with either 2 or 3 pumps in each station. The life expectancy for these pumps are between 7 to 10 years. Therefore the District has a program to replace pumps over a period of time instead of replacing them all at once.   |
| Pump Station Generator Replacement                |             | The District has standby generator located at many of the Pump Stations, some of the Generators were installed in 1980 - 1983. these generators in most cases are located along the water front. The salt air has raised havoc on some.<br>Rolled-over unused funds from 2012-2013 budget for upcoming year.  |
| Pump Station Control Panel - Upgrade              |             | These Fund will be used for replacement of Control Panel at the District Pump Stations The Control panel are of various ages of which most are extremely old and obsolete<br>Rolled-over unused funds from 2012-2013 budget for upcoming year.  |
| Station No.9 Structure Repair                     |             | Station 9 is located along paradise Drive in front of Point Tiburon Condo's. the wet well has shifted and is leaning badly. The earth around the wet well must be removed so that the concrete rings can be adjusted and sealed. Point Tiburon is working on this issue   |
| Station No.5 Replacement                          |             | These Monies will be used for Engineering design services to prepare contract documents to replace the current station, with a new station.<br>Station 5 was built in 1972. the current status is that the station has two 75 hp motors with a drive shafts to a dry pit which houses two paco pumps. For standby pumping theirs a right angle drive unit. Theirs no generator. These pumps are not efficient. My recommendations is to replace the pumps with submersible pumps 2 small, 2 larger pumps similar to what the Belvedere Zone cove Rd. station has. The cost of power would decrease- and a confined space eliminated.<br>This total project cost is estimated to be approximately \$2.0 million. |

Capital Improvement Program  
Sanitary District No.5  
2013/2019

|   |  |  |
|---|--|--|
| Station No. 1 & 4 - Generator Conduit   |  | <p>These monies will be used for engineering and installation of conduits for powering station.<br/>           Currently station No.2 has a generator which could also feed station No.1<br/>           Currently station No.3 has a generator which could also feed station No.4<br/>           These two pump station in the Tiburon Zone are the only two without Generator Backup<br/>           and are very close to the water- one is actually right on the beach- improved contingency</p> |
| Station No.9 VFD/Controller Replacement |  | <p>Currently Point Tiburon is working on these Issues</p>  |
| Undesignated Capital Projects           |  | <p>These monies are for unforeseen problems within the collection system</p>   |

Capital Improvement Program  
Sanitary District No.5  
2013/2019

**BELVEDERE CAPITAL IMPROVEMENT PROGRAM**

| Project Description                  | 2013/2014      | 2014/2015      | 2015/2016      | 2016/2017      | 2017/2018      | 2018/2019      | TOTAL            |
|--------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Sewer Line Rehabilitation Program    | 310,000        | 100,000        | 100,000        | 100,000        | 100,000        | 100,000        | 810,000          |
| Emergency Power                      | 160,000        |                |                |                |                |                | 160,000          |
| Pump Replacement                     | 25,000         | 25,000         | 25,000         | 25,000         | 25,000         | 25,000         | 150,000          |
| Pump Station Control Panel - Upgrade | 40,000         | 40,000         | 40,000         | 40,000         | 40,000         | 40,000         | 240,000          |
| Pump Station -Generator Replacement  |                |                | 60,000         | 60,000         | 60,000         |                | 180,000          |
| Station 13, 14 Communication Project | 20,000         |                |                |                |                |                | 20,000           |
| Cove Rd. Force Main Replacement      | 100,000        | 500,000        |                |                |                |                | 600,000          |
| Lagoon Rd. install Generator/conduit | 200,000        |                |                |                |                |                | 200,000          |
| Cove Rd. Generator replacement       |                |                | 150,000        |                |                |                | 150,000          |
| Undesignated Cap Projects            | 50,000         | 50,000         | 50,000         | 100,000        | 150,000        | 50,000         | 450,000          |
| <b>Belvedere Total</b>               | <b>905,000</b> | <b>715,000</b> | <b>425,000</b> | <b>325,000</b> | <b>375,000</b> | <b>215,000</b> | <b>2,960,000</b> |

Capital Improvement Program  
Sanitary District No.5  
2013/2019

**BELVEDERE ZONE PUMPS & LINES CAPITAL IMPROVEMENT PROJECTS**

| <i>Belvedere Zone Pumps &amp; Line Project Name</i> | <i>Risk</i> | <i>DESCRIPTION</i>   |
|---|-------------|--|
| Sewer Line Rehabilitation Program                   |             | These fund will be used for the 10 years rehabilitation program that the Board of Director have approved. The rehabilitation program was approved after the completion of the Harris Report Rolled-over unused funds from 2012-2013 budget for upcoming year.                    |
| Emergency Power                                     |             | Purchase of two sound attenuating portable generators.   |
| Pump Station Pump Replacement Program               |             | The District has 24 pump stations with either 2 or 3 pumps in each station. The life extensity for these pumps are between 7 to 10 years. Therefore the District has a program to replace pumps over a period of time instead of replacing them all at once.                     |
| Pump Station Control Panel Replacement              |             | Within the Belvedere Zone there are many pump station with single phase power with capacitor installed in the control panel to generate three phase power. The district is converting these stations to VFD. The VFD convert to single phase power to three Phase.               |
| Pump Station Generator Replacement                  |             | The Standby Generators at the Pump station were installed in the early 1980 therefore it time to consider replacing them or at less setting aside monies for replacement   |
| Pump Station #13 and #14 Communications Project     |             | These funds will be used to provide alarming at both of these stations and communication back to station #1 belvedere and back to the plant SCADA system- currently this station has no alarming   |
| Cove Rd. Force Main Replacement                     |             | These fund will be used to replace 2107 feet of 10 inch force main.<br>The force main has blown out on two occasions - when making the repair it was difficult to find good pipe material to connect to. This will cover initial design and assessment, as well as final design. |
| Lagoon Rd. Install Generator/Conduit                |             | Lagoon Rd. has 3 pump station which pump sewage to one another. These station have no back up power. These funds would be available to purchase a generator and connect all three stations up. Improved contingency -SSMP compliance   |

Capital Improvement Program  
Sanitary District No.5  
2013/2019

|                               |  |   |
|-------------------------------|--|---|
| Undesignated Capital Projects |  | These monies are for unforeseen problems within the collection system |
|-------------------------------|--|---|

Capital Improvement Program  
 Sanitary District No.5  
 2013/2019

**PARADISE COVE PLANT CAPITAL IMPROVEMENT PROGRAM**

| <b>Project Description</b>        | <b>2013/2014</b> | <b>2014/2015</b> | <b>2015/2016</b> | <b>2016/2017</b> | <b>2017/2018</b> | <b>2018/2019</b> | <b>TOTAL</b>   |
|-----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------|
| Generator Replacement             |                  | 75,000           |                  |                  |                  |                  | 75,000         |
| Undesignated Cap Projects         | 10,000           | 10,000           | 20,000           | 20,000           | 10,000           | 10,000           | 80,000         |
| Paint Treatment Plant             | 20,000           |                  |                  |                  |                  |                  | 20,000         |
| <b><i>Paradise Cove Total</i></b> | <b>30,000</b>    | <b>85,000</b>    | <b>20,000</b>    | <b>20,000</b>    | <b>10,000</b>    | <b>10,000</b>    | <b>175,000</b> |



Capital Improvement Program  
 Sanitary District No.5  
 2013/2019

**PARADISE COVE CAPITAL IMPROVEMENT PROJECTS**

| <i>Paradise Cove Project Name</i> | <i>Risk</i> | <i>DESCRIPTION</i>   |
|-----------------------------------|-------------|--|
| Generator Replacement             |             | The Generator at the Paradise cove Plant will need to be replaced within the next several years and sized properly for future UV disinfection.   |
| UV Disinfection                   |             | Possible Installation of UV disinfection- Eliminates the transportation of chemicals to the PC plant<br>Will need a feasibility study and permit assistance- visit during NPDES renewal 15-16' |
| Undesignated Capital Projects     |             | These Funds will be used for unforeseen Projects   |

Capital Improvement Program  
Sanitary District No.5  
2013/2019

## SUMMARY OF CAPITAL IMPROVEMENT PROGRAM

| Project Description                | 2013/2014        | 2014/2015        | 2015/2016      | 2016/2017      | 2017/2018      | 2018/2019      | TOTAL            |
|------------------------------------|------------------|------------------|----------------|----------------|----------------|----------------|------------------|
|                                    |                  |                  |                |                |                |                |                  |
| <b>Main Plant</b>                  | <b>1,841,100</b> | <b>105,000</b>   | <b>55,000</b>  | <b>90,000</b>  | <b>100,000</b> | <b>80,000</b>  | <b>2,271,100</b> |
| <b>Tiburon Pumps &amp; Lines</b>   | <b>972,000</b>   | <b>280,000</b>   | <b>220,000</b> | <b>225,000</b> | <b>275,000</b> | <b>225,000</b> | <b>2,197,000</b> |
| <b>Belvedere Pumps &amp; Lines</b> | <b>905,000</b>   | <b>715,000</b>   | <b>425,000</b> | <b>325,000</b> | <b>375,000</b> | <b>215,000</b> | <b>2,960,000</b> |
| <b>Paradise Cove</b>               | <b>30,000</b>    | <b>85,000</b>    | <b>20,000</b>  | <b>20,000</b>  | <b>10,000</b>  | <b>10,000</b>  | <b>175,000</b>   |
|                                    |                  |                  |                |                |                |                |                  |
| <b>TOTAL</b>                       | <b>3,748,100</b> | <b>1,185,000</b> | <b>720,000</b> | <b>660,000</b> | <b>760,000</b> | <b>530,000</b> | <b>7,603,100</b> |