

# North San Joaquin Water Conservation District

## Proposed 2016-17 Budget

|                         | 2014-15<br>Actual | 2015/16<br>Budget | 2015 -16<br>Actual | 2016-17<br>Budget [No<br>Water] | 2016-17<br>Budget [With<br>Water] |
|-------------------------|-------------------|-------------------|--------------------|---------------------------------|-----------------------------------|
| <b>INCOME</b>           |                   |                   |                    |                                 |                                   |
| Property Tax Share      | \$250,089         | \$250,500         | \$262,954          | \$270,000                       | \$270,000                         |
| Interest                | \$1,085           | \$1,000           | \$2,003            | \$2,000                         | \$2,000                           |
| Water Sales             | \$0               | \$159,750         | \$0                | \$0                             | \$259,000                         |
| Grants/Settlement/Misc. | \$4,606           | \$0               | \$0                | \$1,750,000                     | \$1,750,000                       |
| <b>TOTAL INCOME</b>     | <b>\$255,780</b>  | <b>\$411,250</b>  | <b>\$264,957</b>   | <b>\$2,022,000</b>              | <b>\$2,281,000</b>                |
| <b>EXPENSES</b>         |                   |                   |                    |                                 |                                   |
| Total Administrative    | \$96,974          | \$108,059         | \$76,801           | \$129,551                       | \$97,163                          |
| Program Development     | \$75,299          | \$360,618         | \$247,643          | \$153,500                       | \$153,500                         |
| Capital Improvements    | \$0               | \$0               | \$0                | \$1,850,000                     | \$1,850,000                       |
| Operations Expense      | \$5,182           | \$163,376         | \$22,741           | \$9,500                         | \$192,953                         |
| <b>TOTAL EXPENSE</b>    | <b>\$177,455</b>  | <b>\$632,053</b>  | <b>\$347,185</b>   | <b>\$2,142,551</b>              | <b>\$2,293,616</b>                |
| <b>NET</b>              | <b>\$78,325</b>   | <b>\$220,803</b>  | <b>-\$82,228</b>   | <b>-\$120,551</b>               | <b>-\$12,616</b>                  |
| <i>Prior Reserves</i>   | <i>\$423,965</i>  | <i>\$502,290</i>  | <i>\$502,290</i>   | <i>\$420,062</i>                | <i>\$420,062</i>                  |
| <i>New Reserves</i>     | <i>\$502,290</i>  | <i>\$281,487</i>  | <i>\$420,062</i>   | <i>\$299,511</i>                | <i>\$407,446</i>                  |

### Major Budget Changes

- Assumes Water Available.
- Forecast revenue from South System water sales.
- Increase funding for *Sustainable Ground Water Management Act (SGMA)* compliance and California Water Fix representation.
- Increase funding for Construction of South System Improvements including pump station and distribution system.
- Decrease funding for Program Development and Records Storage.
- Decrease funding for support of EBMUD Demonstration Project activities, evaluation of North System distribution system & potential uses of CalFed system.
- Assumes water delivery to City of Lodi.

### District Mission

The mission of the North San Joaquin Water Conservation District is to manage the groundwater and surface water resources available to the District for the current and future benefit of the landowners within the District and the local community.

## District Responsibilities, Activities and Challenges

- Recharge and Management of Groundwater Basin
- Delivery of Surface Water to Customers
- Increase Surface Water Customer Base
- Modernize District Facilities
- Represent District in Regional Activities

## 2015-16 Accomplishments

- Completed Construction of Tracy Lakes Groundwater Recharge Project.
- Completed Design for South System Improvements.
- Secured funding for Construction of the South System pumping facility.
- Developed a video record of the South System Distribution system.
- Began planning for compliance with SGMA.

## 2016-17 Objectives

- Operation of the Tracy Lake Groundwater Recharge Project.
- Construct the South System pump station and distribution system.
- Secure Funding for additional South System Improvements.
- Evaluate condition of North System distribution system.
- Participate in countywide SGMA program development.
- Deliver Surface Water to all Participating Customers on the South System.
- Deliver Water to the City of Lodi.
- Seek customers for the CalFed system.

## Workload Indicators

|                             | 2011  | 2012 | 2013 | 2014 | 4 Year Average | 2016-17 Forecast (6 Months) |
|-----------------------------|-------|------|------|------|----------------|-----------------------------|
| Allocated Water             | 19000 | 0    | 0    | 0    | 4750           | 9500                        |
| AF - Water Taken form River | 8000  | 0    | 0    | 0    | 2000           | 5100                        |
| AF - Water Delivered        | 6000  | 0    | 0    | 0    | 1500           | 3510                        |
| AF - Water Recharged        | 1500  | 0    | 0    | 0    | 375            | 1193                        |

|                |   |   |   |   |  |   |
|----------------|---|---|---|---|--|---|
| Pumps Operated | 3 | 0 | 0 | 0 |  | 2 |
|----------------|---|---|---|---|--|---|

| <u>Change in Groundwater Elevation (Spring)</u> | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|------|------|------|------|------|------|
| West [B]  | 0    | -4   | -2   | -11  | -17  | 16   |
| North [D]                                       | 7    | -12  | -5   | -5   | -15  | 0    |
| South [Y]                                       | 3    | -5   | -2   | -2   | -6   | -11  |
| East [Z]  | 2    | -3   | -2   | -3   | -6   | -6   |

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2015-2016

| NSJWCD 2015-2016 Budget - Draft 6/20/16 |  | 2014-2015<br>Actual | Adopted 2015-<br>2016 Budget with<br>6 months water | 2015-2016<br>Actual | Proposed 2016-<br>2017 Budget |
|---|--|---------------------|---|---------------------|-------------------------------|
| <b>INCOME</b>                           |  |                     |   |                     |                               |
|   | General Revenue                        |                     |   |                     |                               |
|   | Share of Property Tax Revenue          | \$250,089           | \$250,500   | \$262,954           | \$270,000                     |
|   | Interest                               | \$1,085             | \$1,000   | \$2,003             | \$2,000                       |
|   | Assessments                            |                     |   |                     |                               |
|   | None at this time                      | \$0                 |   |                     |                               |
|   | Water Sales                            |                     |   |                     |                               |
|   | South System                           | \$0                 | \$159,750   | \$0                 | \$150,000                     |
|   | City of Lodi                           | \$0                 | \$0   | \$0                 | \$100,000                     |
|   | Tracy Lake                             | \$0                 | \$2,520   | \$0                 | \$9,000                       |
|   | Misc Revenue                           | \$4,606             | \$0   | \$0                 | \$0                           |
|   | Grants - Settlement                    | \$0                 |   |                     | \$1,750,000                   |
|   | <b>TOTAL INCOME</b>                    | <b>\$255,780</b>    | <b>\$411,250</b>                                    | <b>\$264,957</b>    | <b>\$2,281,000</b>            |
| <b>EXPENSES</b>                         |  |                     |   |                     |                               |
| <b>ADMINISTRATIVE EXPENSES</b>          |  |                     |   |                     |                               |
| <b>PROFESSIONAL SERVICES</b>            |  |                     |   |                     |                               |
| 5000-1                                  | S.J. Auditors A/P Charges              | \$126               | \$150   | \$117               | \$224                         |
| 5000-2                                  | S.J. County Tax Admin.                 | \$4,970             | \$5,500   | \$5,027             | \$5,027                       |
| 5000-3                                  | Accountant                             | \$1,403             | \$2,400   | \$2,379             | \$2,500                       |
| 5000-4                                  | Auditor                                | \$8,100             | \$5,000   | \$150               | \$10,000                      |
|   | Meetings                               | \$5,578             |   |                     |                               |
| 5000-5                                  | Legal - General Counsel - Masuda       | \$13,416            | \$25,000  | \$7,725             | \$2,000                       |
| 5000-6                                  | Legal - General Counsel - Spaletta     | \$7,358             | \$2,000   | \$15,698            | \$18,000                      |
| 5000-7                                  | Prop 218 Water Rates                   | \$13,631            | \$10,000  | \$0                 | \$0                           |
| 5000-8                                  | Groundwater level testing              | \$351               | \$1,500   | \$0                 | \$1,500                       |
| 5000-9                                  | District Engineering Consultant        | \$16,030            | \$15,000  | \$11,679            | \$15,000                      |
| 5000-10                                 | Election                               | \$0                 | \$1,000   | \$138               | \$20,000                      |
| 5000-11                                 | Grant Applications                     |                     | \$4,000   | \$7,709             | \$5,000                       |
| 5000-12                                 | Training                               | \$286               | \$500   | \$0                 | \$500                         |
|   | <i>Subtotal Professional Services</i>  | <i>\$71,249</i>     | <i>\$72,050</i>                                     | <i>\$50,620</i>     | <i>\$79,751</i>               |
| <b>WATER RIGHT</b>                      |  |                     |   |                     |                               |
| 5000-13                                 | SWRCB Annual Permit Fee                | \$1,309             | \$1,309   | \$1,409             | \$1,500                       |
| 5000-14                                 | Legal - Water right compliance         | \$8,138             | \$5,000   | \$2,968             | \$5,000                       |
| 5000-15                                 | Dist Engr Con - Water right compliance | \$0                 | \$2,500   | \$455               | \$2,500                       |
| 5000-16                                 | CA Water Fix                           |                     | \$0   | \$2,233             | \$5,000                       |
|   | Petitions                              | \$0                 | \$0   | \$240               | \$0                           |
|   | <i>Subtotal Water Right</i>            | <i>\$9,447</i>      | <i>\$8,809</i>                                      | <i>\$7,304</i>      | <i>\$14,000</i>               |
| <b>DUES/MEMBERSHIPS</b>                 |  |                     |   |                     |                               |
| 5000-17                                 | GBA                                    | \$0                 | \$1,000   | \$2,000             | \$10,000                      |
| 5000-18                                 | ACWA (dues)                            | \$3,320             | \$3,200   | \$3,320             | \$3,500                       |
| 5000-19                                 | USA North/Underground Service          | \$153               | \$250   | \$163               | \$250                         |
|   | <i>Subtotal Dues/Memberships</i>       | <i>\$3,473</i>      | <i>\$4,450</i>                                      | <i>\$5,483</i>      | <i>\$13,750</i>               |
| <b>INSURANCE</b>                        |  |                     |   |                     |                               |
| 5000-20                                 | ACWA JPIA Liability                    | \$2,139             | \$2,200   | \$2,615             | \$2,700                       |
| 5000-21                                 | ACWA JPIA Property                     | \$0                 | \$1,100   | \$2,405             | \$2,500                       |
| 5000-22                                 | Directors Insurance                    | \$400               | \$400   | \$0                 | \$400                         |
|   | TLID Reimbursement                     |                     |   |                     |                               |
|   | <i>Subtotal Insurance</i>              | <i>\$2,539</i>      | <i>\$3,700</i>                                      | <i>\$5,020</i>      | <i>\$5,600</i>                |

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2015-2016

| NSJWCD 2015-2016 Budget - Draft 6/20/16 |   | 2014-2015<br>Actual | Adopted 2015-<br>2016 Budget with<br>6 months water | 2015-2016<br>Actual | Proposed 2016-<br>2017 Budget |
|---|---|---------------------|---|---------------------|-------------------------------|
|   | <b>OTHER/OFFICE</b>                             |                     |   |                     |                               |
| 5000-23                                 | Storage Unit                                    | \$572               | \$600   | \$347               | \$0                           |
| 5000-24                                 | Office Rent                                     | \$3,600             | \$3,600   | \$3,600             | \$3,600                       |
| 5000-25                                 | District Secretary Consultant                   | \$2,040             | \$5,000   | \$2,925             | \$5,000                       |
| 5000-26                                 | Website & Webmaster                             | \$496               | \$3,500   | \$70                | \$3,500                       |
| 5000-27                                 | Office Phone                                    | \$395               | \$450   | \$397               | \$450                         |
| 5000-28                                 | Office Supplies                                 | \$1,161             | \$1,200   | \$571               | \$1,200                       |
| 5000-29                                 | Meeting Supplies                                | \$329               | \$1,200   | \$460               | \$1,200                       |
| 5000-30                                 | Travel  | \$1,241             | \$2,000   | \$0                 | \$500                         |
| 5000-31                                 | Advertisement                                   | \$0                 | \$500   | \$0                 | \$500                         |
| 5000-32                                 | Miscellaneous                                   | \$432               | \$1,000   | \$4                 | \$500                         |
|   | <i>Subtotal Other/Office</i>                    | <i>\$10,266</i>     | <i>\$19,050</i>                                     | <i>\$8,374</i>      | <i>\$16,450</i>               |
|   | <b>Total Administrative Expenses</b>            | <b>\$96,974</b>     | <b>\$108,059</b>                                    | <b>\$76,801</b>     | <b>\$129,551</b>              |
|   | Tracy Lake ID Share 12.5%                       | \$0                 | -\$13,507   | \$0                 | -\$16,194                     |
|   | Allocated to South System Operations 12.5%      | \$0                 | -\$13,507   | \$0                 | -\$16,194                     |
|   | <b>Total Unallocated Administrative Expense</b> | <b>\$96,974</b>     | <b>\$81,044</b>                                     | <b>\$76,801</b>     | <b>\$97,163</b>               |
|   | <b>PROGRAM DEVELOPMENT</b>                      |                     |   |                     |                               |
|   | <b>South System</b>                             |                     |   |                     |                               |
|   | <i>Evaluation/Planning</i>                      |                     |   |                     |                               |
|   | Engineering                                     | \$0                 | \$0   |                     |                               |
|   | District Engineer                               | \$9,700             |   |                     |                               |
| 5100-1                                  | Legal   | \$7,401             | \$10,000  | \$9,686             | \$12,000                      |
|   | Consultants                                     | \$42,332            |   |                     |                               |
|   | Permits   | \$325               | \$0   | \$0                 | \$0                           |
|   | Other   | \$0                 | \$0   |                     |                               |
|   | <i>Subtotal Evaluation/planning</i>             | <i>\$59,758</i>     | <i>\$10,000</i>                                     | <i>\$9,686</i>      | <i>\$12,000</i>               |
|   | <i>Pump Station Upgrade</i>                     |                     |   |                     |                               |
| 5100-2                                  | District Engineer                               |                     | \$5,000   | \$11,560            | \$30,000                      |
| 5100-3                                  | Preliminary Design                              |                     | \$38,100  | \$71,161            |                               |
|   | Environmental                                   | \$0                 |   |                     |                               |
|   | Survey  | \$0                 |   |                     |                               |
| 5100-4                                  | Permits   |                     | \$47,400  | \$10,123            | \$10,000                      |
| 5100-5                                  | Final Design                                    |                     | \$118,718   | \$62,406            |                               |
| 5100-6                                  | Construction Support                            |                     | \$45,000  |                     | \$20,000                      |
|   | <i>Subtotal Pump Station Upgrade</i>            | <i>\$0</i>          | <i>\$254,218</i>                                    | <i>\$155,450</i>    | <i>\$60,000</i>               |
|   | <i>Distribution System</i>                      |                     |   |                     |                               |
| 5100-7                                  | District Engineer                               |                     | \$3,000   | \$1,233             | \$10,000                      |
|   | CCTV lines                                      | \$0                 | \$0   | \$21,580            |                               |
| 5100-8                                  | Design  |                     | \$39,400  | \$70                | \$10,000                      |
|   | <i>Subtotal Distribution System</i>             | <i>\$0</i>          | <i>\$42,400</i>                                     | <i>\$22,883</i>     | <i>\$20,000</i>               |
|   | <i>South System Summary</i>                     | <i>\$59,758</i>     | <i>\$306,618</i>                                    | <i>\$188,019</i>    | <i>\$92,000</i>               |
|   | <b>Sustainable Groundwater Management Act</b>   |                     |   |                     |                               |
| 5100-9                                  | District Engineer                               | \$0                 | \$6,000   | \$3,370             | \$3,500                       |
| 5100-10                                 | Legal   | \$0                 | \$10,000  | \$15,598            | \$15,000                      |
| 5100-11                                 | Other - outreach                                | \$0                 | \$2,000   |                     |                               |
|   | <i>Subtotal Sustainable Groundwater</i>         | <i>\$0</i>          | <i>\$18,000</i>                                     | <i>\$18,968</i>     | <i>\$18,500</i>               |
|   | <b>EBMUD Demonstration Project (DREAM)</b>      |                     |   |                     |                               |
| 5100-12                                 | Engineering Consultant                          | \$0                 | \$2,000   | \$11,859            | \$5,000                       |
| 5100-13                                 | Legal   | \$14,541            | \$6,000   | \$28,797            | \$10,000                      |
|   | <i>Subtotal EBMUD Demo</i>                      | <i>\$14,541</i>     | <i>\$8,000</i>                                      | <i>\$40,656</i>     | <i>\$15,000</i>               |
|   | <b>North System</b>                             |                     |   |                     |                               |
| 5100-14                                 | District Engineer                               | \$0                 | \$1,000   | \$0                 | \$2,000                       |

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2015-2016

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|---|--|---------------------|---|---------------------|-------------------------------|--------------------------|
| 5100-15                                 | CCTV Lines   | \$0                 | \$25,000  | \$0                 | \$22,000                      |                          |
|   | Legal  | \$0                 | \$0   | \$0                 | \$2,000                       |                          |
|   | <i>Subtotal North System</i>                         | \$0                 | \$26,000  | \$0                 | \$26,000                      |                          |
|   | Woodbridge/Cal-Fed                                   |                     |   |                     |                               |                          |
| 5100-16                                 | Engineering Consultant                               | \$1,000             | \$1,000   | \$0                 | \$1,000                       |                          |
| 5100-17                                 | Legal  | \$0                 | \$1,000   | \$0                 | \$1,000                       |                          |
|   | <i>Subtotal Cal-Fed</i>                              | \$1,000             | \$2,000   | \$0                 | \$2,000                       |                          |
|   | <b>Total Program Development Expense</b>             | <b>\$75,299</b>     | <b>\$360,618</b>                                    | <b>\$247,643</b>    | <b>\$153,500</b>              |                          |
|   | <b>Capital Improvements</b>                          |                     |   |                     |                               |                          |
|   | South System Pump Station Upgrade                    | \$0                 | \$2,225,000   |                     | \$1,750,000                   |                          |
|   | South System Pipeline Upgrade                        | \$0                 | \$100,000   |                     | \$100,000                     |                          |
|   | <b>Total Capital Improvements</b>                    | <b>\$0</b>          | <b>\$2,325,000</b>                                  | <b>\$0</b>          | <b>\$1,850,000</b>            |                          |
|   | <b>OPERATIONS EXPENSE</b>                            |                     |   |                     |                               |                          |
|   | <i>COST CENTER - CITY OF LODI TRANSFER</i>           |                     |   |                     |                               |                          |
|   | EBMUD Water Charges per AF                           | \$0                 | \$0   | \$0                 | \$2,000                       | Assume transfer 1,000 af |
|   | Other - Legal  | \$1,030             |   | \$220               | \$200                         |                          |
|   | <i>Subtotal =</i>                                    | <i>\$1,030</i>      | <i>\$0</i>  | <i>\$220</i>        | <i>\$2,200</i>                |                          |
|   | <i>COST CENTER -- Cal-Fed</i>                        |                     |   |                     |                               |                          |
| 5200-1                                  | EBMUD Water Charges per AF                           | \$0                 | \$100   | \$0                 | \$0                           | Assume no delivery       |
| 5200-2                                  | Contract for Operations                              | \$0                 | \$500   | \$0                 | \$0                           |                          |
| 5200-3                                  | Weed Control   | \$0                 | \$200   | \$0                 | \$200                         |                          |
| 5200-4                                  | PG&E Pump Acc. 3337                                  | \$1,679             | \$1,000   | \$1,674             | \$1,800                       |                          |
|   | <i>Subtotal =</i>                                    | <i>\$1,679</i>      | <i>\$1,800</i>                                      | <i>\$1,674</i>      | <i>\$2,000</i>                |                          |
|   | <i>COST CENTER NORTH LINE</i>                        |                     |   |                     |                               |                          |
| 5200-5                                  | EBMUD Water Charges per AF                           | \$0                 | \$100   | \$0                 | \$0                           | Assume no delivery       |
| 5200-6                                  | Contract for Operations                              | \$0                 | \$500   | \$0                 | \$0                           |                          |
| 5200-7                                  | Weed Control   | \$0                 | \$100   | \$0                 | \$200                         |                          |
| 5200-8                                  | PG&E Main Pump Acc. 1015                             | \$286               | \$1,500   | \$252               | \$500                         |                          |
|   | <i>Subtotal =</i>                                    | <i>\$286</i>        | <i>\$2,200</i>                                      | <i>\$252</i>        | <i>\$700</i>                  |                          |
|   | <i>COST CENTER - TRACY LAKE GROUNDWATER RECHARGE</i> |                     |   |                     |                               |                          |
| 5200-9                                  | EBMUD Water Charges per AF                           | \$0                 | \$1,184   | \$0                 | \$0                           | part of TLID O&M budget  |
| 5200-10                                 | District share of O&M                                | \$0                 | \$7,085   | \$11,884            | \$11,259                      |                          |
|   | <i>Subtotal =</i>                                    | <i>\$0</i>          | <i>\$8,269</i>                                      | <i>\$11,884</i>     | <i>\$11,259</i>               |                          |
|   | <i>COST CENTER SOUTH SYSTEM OPERATIONS</i>           |                     |   |                     |                               |                          |
| 5200-11                                 | EBMUD Charges per AF                                 | \$0                 | \$6,000   | \$0                 | \$6,000                       | Assume 3000 af delivery  |
| 5200-12                                 | PG&E Main Pump Acc. 1025                             | \$235               | \$120,000   | \$1,024             | \$120,000                     |                          |
| 5200-19                                 | PG&E Jockey Pump 1030                                | \$501               | \$0   | \$489               | \$600                         |                          |
| 5200-17                                 | PG&E Brandt Rd. Acc. 1040                            | \$436               | \$0   | \$298               | \$0                           |                          |
| 5200-18                                 | PG&E 12097 E. Hwy 12 1020                            | \$1,015             | \$0   | \$299               | \$0                           |                          |
| 5200-13                                 | Contract for Operations                              | \$0                 | \$14,000  | \$0                 | \$28,000                      |                          |
| 5200-14                                 | Weed Control   | \$0                 | \$600   | \$0                 | \$1,000                       |                          |
|   | Allocated Administrative Expense                     | \$0                 | \$13,507  |                     | \$16,194                      |                          |
|   | Repairs/Maintenance/Service                          | \$0                 | \$3,000   | \$6,601             | \$5,000                       |                          |
|   | <i>Subtotal =</i>                                    | <i>\$2,187</i>      | <i>\$151,107</i>                                    | <i>\$8,711</i>      | <i>\$176,794</i>              |                          |
|   | <b>Total Operations Expense</b>                      | <b>\$5,182</b>      | <b>\$163,376</b>                                    | <b>\$22,741</b>     | <b>\$192,953</b>              |                          |
|   | <b>TOTAL EXPENSE</b>                                 | <b>\$177,455</b>    | <b>\$2,957,053</b>                                  | <b>\$347,185</b>    | <b>\$2,326,004</b>            |                          |
|   | <b>NET</b>   | <b>\$78,325</b>     | <b>-\$2,545,803</b>                                 | <b>-\$82,228</b>    | <b>-\$45,004</b>              |                          |
|   | Prior Year Carry-over                                | \$423,965           |   | \$502,290           | \$420,062                     |                          |
|   | New Carry-over                                       | \$502,290           |   | \$420,062           | \$375,058                     |                          |