



Budget Fiscal Year 2017/18

Adopted by the Chino Basin Desalter Board of Directors June 8, 2017

| Members | Entitlement AF Per WPA | Entitlement % | Administrative Costs | Qtrly Amt | Fixed Project Cost - Debt Service ¹ | Qtrly Amt | Fixed Proj Costs - Capital | Qtrly Amt | 43% Fixed O&M Cost | Qtrly Amt | 57% Variable O&M Cost | Qtrly Amt | Total Cost | Qtrly Amt | Cost Per AF ¹ |
|---------------------------|------------------------|-----------------|----------------------|--------------|--|---------------|----------------------------|---------------|---------------------|---------------|-----------------------|--------------|---------------------|-----------------------|--------------------------|
| JCSD | 11,733 | 33.332% | \$ 450,732 | \$112,683.00 | \$ 2,032,907 | \$ 508,226.75 | \$ 529,793 | \$ 132,448.25 | \$ 2,872,539 | \$ 718,134.75 | \$ 3,807,784 | \$951,945.92 | \$ 9,693,755 | \$2,423,438.67 | \$ 826 |
| Chino | 5,000 | 14.205% | 192,087 | 48,021.75 | 1,239,470 | 309,867.50 | 225,780 | 56,445.06 | 1,224,181 | 306,045.25 | 1,622,752 | 405,687.98 | \$ 4,504,270 | 1,126,067.55 | 901 |
| Ontario ¹ | 8,533 | 24.241% | 327,799 | 81,949.75 | - | - | 385,297 | 96,324.25 | 2,089,080 | 522,270.00 | 2,769,245 | 692,311.32 | \$ 5,571,421 | 1,392,855.32 | 653 |
| Chino Hills | 4,200 | 11.932% | 161,350 | 40,337.50 | 1,041,233 | 260,308.25 | 189,652 | 47,413.00 | 1,028,295 | 257,073.75 | 1,363,089 | 340,772.19 | \$ 3,783,619 | 945,904.69 | 901 |
| Santa Ana River Water Co. | 1,200 | 3.409% | 46,098 | 11,524.50 | 297,356 | 74,339.00 | 54,184 | 13,546.00 | 293,786 | 73,446.50 | 389,438 | 97,359.40 | \$ 1,080,862 | 270,215.40 | 901 |
| Norco | 1,000 | 2.841% | 38,417 | 9,604.25 | 247,797 | 61,949.25 | 45,156 | 11,289.00 | 244,836 | 61,209.00 | 324,550 | 81,137.60 | \$ 900,756 | 225,189.10 | 901 |
| WMWD | 3,534 | 10.040% | 135,766 | 33,941.50 | - | - | 159,580 | 39,895.00 | 865,243 | 216,310.75 | 1,146,950 | 286,737.58 | \$ 2,307,539 | 576,884.83 | 653 |
| Total | 35,200 | 100.000% | \$ 1,352,249 | | \$ 4,858,763 | | \$ 1,589,442 | | \$ 8,617,960 | | \$ 11,423,808 | | \$27,842,222 | \$6,960,555.56 | |

avg/AF
885.88
Excl'd Ont/WMWD

Debt Service 2016A Bond

| | Allocation % | Debt Service 2016A Bond | Total Debt Service |
|---------------------------|----------------|-------------------------|--------------------|
| JCSD | 41.84% | 2,032,907 | \$ 2,032,907 |
| Chino | 25.51% | 1,239,470 | \$ 1,239,470 |
| Ontario ¹ | 0.00% | - | \$ - |
| Chino Hills | 21.43% | 1,041,233 | \$ 1,041,233 |
| Santa Ana River Water Co. | 6.12% | 297,356 | \$ 297,356 |
| Norco | 5.10% | 247,797 | \$ 247,797 |
| WMWD | 0.00% | - | \$ - |
| | 100.00% | 4,858,763 | 4,858,763 |

| | |
|-----------------------------------|----------------------|
| Capital Costs (CIP) | \$ 1,589,442 |
| Administration | \$ 1,352,249 |
| Chino I | \$ 7,896,480 |
| Chino II | \$ 12,145,288 |
| Total CI & CII O&M | \$ 20,041,768 |
| Fixed @43% | \$ 8,617,960 |
| Variable @57% | \$ 11,423,808 |
| | \$ 20,041,768 |

(1) Fixed Project Cost Allocation excluding Ontario, \$300/AF (Ontario prepaid its share of debt obligation in Aug 2005).

Chino I - Budget Summary

| | FY16/17 Adopted Budget 14,400 AF | FY17/18 Adopted Budget 14,200 AF |
|--------------------------------------|--|--|
| Total Outside Labor | 1,269,003.00 | 1,309,065.00 |
| Total Material & Supplies | 307,500.00 | 380,500.00 |
| Total Professional Srvcs | 858,100.00 | 859,100.00 |
| Total Chemicals | 1,067,500.00 | 1,072,000.00 |
| Total Operating Fees | 1,453,319.00 | 1,524,868.80 |
| Total Utilities | 2,826,900.00 | 2,697,816.00 |
| Total Other Exp | 1,700.00 | 1,700.00 |
| Total Admin Exp | 36,430.00 | 51,430.00 |
| Total Expenses | 7,820,452.00 | 7,896,479.80 |

| Chino I | FY16/17 Adopted Budget 14,400 AF | FY17/18 Adopted Budget 14,200 AF |
|---|--|--|
| Expenses | | |
| Operations & Maintenance | | |
| Outside Labor | | |
| 5020 Contract Labor IEUA | 1,219,916.00 | 1,264,637.00 |
| 5034 Contract Labor Admin IEUA | 49,087.00 | 44,428.00 |
| Total Outside Labor | 1,269,003.00 | 1,309,065.00 |
| Materials & Supplies | | |
| 5110 Supplies General | 100,000.00 | 170,000.00 |
| 5130 Supplies Laboratory | 2,000.00 | - |
| 5170 Equipment Less than \$5000 | 3,000.00 | 8,000.00 |
| 5175 Equip Lease/Rental | 2,500.00 | 2,500.00 |
| 5180 Membrane Replacements | 150,000.00 | 150,000.00 |
| 5185 Resin Replacements | 50,000.00 | 50,000.00 |
| Total Material & Supplies | 307,500.00 | 380,500.00 |
| Professional Services | | |
| 5210 Contract Services Labor & Material | 170,000.00 | 170,000.00 |
| 5211 Contract Srvcs SCADA and Instrmntn Supprt | 5,000.00 | 5,000.00 |
| 5212 Contract Services Plant Process Consultant SPI | 30,000.00 | 30,000.00 |
| 5230 Professional Services Other | 35,000.00 | 35,000.00 |
| 5240 Laboratory Outside | 120,000.00 | 130,000.00 |
| 5241 Laboratory IEUA | 37,100.00 | 37,100.00 |
| 5250 Computer/Network System Maintenance | 10,000.00 | 10,000.00 |
| 5260 Security Services | 25,000.00 | 16,000.00 |
| 5261 Janitorial Services | 6,000.00 | 6,000.00 |
| 5262 Landscaping/Weed and Pest Control | 20,000.00 | 20,000.00 |
| 5291 Well Repair & Maintenance | 400,000.00 | 400,000.00 |
| Total Professional Srvcs | 858,100.00 | 859,100.00 |
| Chemicals | | |
| 5310 Salt | 615,000.00 | 615,000.00 |
| 5320 Threshold Inhibitor - Anti Scalant | 171,000.00 | 171,000.00 |
| 5330 Sodium Hydroxide (Caustic Soda) | 68,000.00 | 68,000.00 |
| 5331 Sodium Hypochlorite | 2,000.00 | 2,000.00 |
| 5340 Sulfuric Acid | 176,000.00 | 176,000.00 |
| 5350 Ammonia | 10,500.00 | 15,000.00 |
| 5390 Other Chemicals | 25,000.00 | 25,000.00 |
| Total Chemicals | 1,067,500.00 | 1,072,000.00 |
| Operating Fees | | |
| 5410 Permits and Licenses | 65,000.00 | 65,000.00 |
| 5420 Volumetric Fees Wastewater | 774,957.00 | 751,815.54 |
| 5430 Strength Charges BOD/COD | 1,425.00 | 8,282.00 |
| 5435 Strength Charges TSS | 92,006.00 | 258,742.26 |
| 5445 Capacity Fees | 519,931.00 | 441,029.00 |
| Total Operating Fees | 1,453,319.00 | 1,524,868.80 |
| Utilities | | |
| 5500 Electricity | 2,793,600.00 | 2,662,216.00 |
| 5510 Telephone/Network Communication Srvcs | 14,800.00 | 15,000.00 |
| 5520 Water | 10,000.00 | 12,100.00 |
| 5530 Disposal Fees | 2,500.00 | 2,500.00 |
| 5590 Other Utilities | 6,000.00 | 6,000.00 |
| Total Utilities | 2,826,900.00 | 2,697,816.00 |

Chino I

| | FY16/17 Adopted Budget 14,400 AF | FY17/18 Adopted Budget 14,200 AF |
|---|--|--|
| Other Expenses Other Expenses | | |
| 5910 Property Tax Mello Roos | 1,700.00 | 1,700.00 |
| Total Other Exp | 1,700.00 | 1,700.00 |
| Total Operations & Maintenance | 7,784,022.00 | 7,845,049.80 |
| Administration & General | | |
| Administration Exp | | |
| 6700 Office Supplies - General | 3,180.00 | 3,180.00 |
| 6705 Printing/Copying | 550.00 | 550.00 |
| 6706 Office Equipment Lease | 2,700.00 | 2,700.00 |
| 6715 Computer S/W Subscrp and Lic Fees | 30,000.00 | 45,000.00 |
| Total Admin Exp | 36,430.00 | 51,430.00 |
| Total Administration & General | 36,430.00 | 51,430.00 |
| Total Expenses | 7,820,452.00 | 7,896,479.80 |

Chino II - Budget Summary

| | FY16/17 Adopted Budget 15,500 AF | FY17/18 Adopted Budget 21,000 AF |
|--------------------------------------|---|---|
| Total Outside Labor | 1,096,275.00 | 1,420,508.00 |
| Total Material & Supplies | 320,000.00 | 320,000.00 |
| Total Professional Srvcs | 1,464,200.00 | 1,189,500.00 |
| Total Chemicals | 2,050,535.00 | 4,136,506.00 |
| Total Operating Fees | 587,577.00 | 715,993.95 |
| Total Utilities | 3,304,000.00 | 4,328,080.00 |
| Total Admin Exp | 29,200.00 | 34,700.00 |
| Total Expenses | 8,851,787.00 | 12,145,287.95 |

Chino II

| | FY16/17 Adopted Budget 15,500 AF | FY17/18 Adopted Budget 21,000 AF |
|---|--|--|
| Expenses | | |
| Operations & Maintenance | | |
| Outside Labor | | |
| 5021 Contract Labor JCSD | 1,030,499.00 | 1,321,659.00 |
| 5039 Contract Labor Admin JCSD | 65,776.00 | 98,849.00 |
| Total Outside Labor | 1,096,275.00 | 1,420,508.00 |
| Materials & Supplies | | |
| 5110 Supplies General | 62,500.00 | 62,500.00 |
| 5170 Equipment Less than \$5000 | 5,000.00 | 5,000.00 |
| 5175 Equip Lease/Rental | 2,500.00 | 2,500.00 |
| 5180 Membrane Replacements | 150,000.00 | 150,000.00 |
| 5185 Resin Replacements | 100,000.00 | 100,000.00 |
| Total Material & Supplies | 320,000.00 | 320,000.00 |
| Professional Services | | |
| 5210 Contract Services Labor & Material | 150,000.00 | 120,000.00 |
| 5212 Contract Services Plant Process Consultant SPI | 37,500.00 | 37,500.00 |
| 5213 Contract Svcs SCADA & Instrmntn Supprt Martek Labor | 150,000.00 | 120,000.00 |
| 5214 Contract Svcs SCADA & Instrmntn Supprt Martek Materi | 75,000.00 | 90,000.00 |
| 5215 Contract Svcs SCADA & Instrmntn Supprt Tensor ID | 320,000.00 | 100,000.00 |
| 5230 Professional Services Other | 65,000.00 | 50,000.00 |
| 5240 Laboratory Outside | 200,000.00 | 210,000.00 |
| 5260 Security Services | 25,000.00 | 20,000.00 |
| 5261 Janitorial Services | 11,700.00 | 12,000.00 |
| 5291 Well Repair & Maintenance | 400,000.00 | 400,000.00 |
| 5295 JCSD Transportation Fees | 30,000.00 | 30,000.00 |
| Total Professional Svcs | 1,464,200.00 | 1,189,500.00 |
| Chemicals | | |
| 5310 Salt | 282,506.00 | 282,506.00 |
| 5315 Lime | 118,260.00 | 185,000.00 |
| 5320 Threshold Inhibitor - Anti Scalant | 231,348.00 | 345,000.00 |
| 5325 Soda Ash | 113,880.00 | 655,000.00 |
| 5330 Sodium Hydroxide (Caustic Soda) | 944,284.00 | 1,800,000.00 |
| 5335 Polymer | 26,280.00 | 110,000.00 |
| 5340 Sulfuric Acid | 218,897.00 | 275,000.00 |
| 5345 Ferric Chloride | 21,900.00 | 68,000.00 |
| Mangesium Chloride | | 345,000.00 |
| 5355 Seed | 30,660.00 | 61,000.00 |
| 5390 Other Chemicals | 62,520.00 | 10,000.00 |
| Total Chemicals | 2,050,535.00 | 4,136,506.00 |

Chino II

| | FY16/17 Adopted Budget 15,500 AF | FY17/18 Adopted Budget 21,000 AF |
|---|---|---|
| Operating Fees | | |
| 5410 Permits and Licenses | 15,000.00 | 20,000.00 |
| 5420 Volumetric Fees Wastewater | 380,301.00 | 289,491.30 |
| 5430 Strength Charges BOD/COD | 7,710.00 | 7,304.85 |
| 5435 Strength Charges TSS | 30,566.00 | 96,784.80 |
| 5445 Capacity Fees | 154,000.00 | 302,413.00 |
| Total Operating Fees | 587,577.00 | 715,993.95 |
| Utilities | | |
| 5500 Electricity | 3,007,000.00 | 3,937,080.00 |
| 5510 Telephone/Network Communication Svcs | 10,000.00 | 20,000.00 |
| 5511 Cell Phone | 1,000.00 | 1,000.00 |
| 5520 Water | 10,000.00 | 10,000.00 |
| 5530 Disposal Fees | 276,000.00 | |
| Clarifier Solids Disposal | - | 185,000.00 |
| Pellet Disposal | - | 175,000.00 |
| Total Utilities | 3,304,000.00 | 4,328,080.00 |
| Total Operations & Maintenance | 8,822,587.00 | 12,110,587.95 |
| Administration & General | | |
| Administration Exp | | |
| 6700 Office Supplies - General | 6,000.00 | 6,000.00 |
| 6705 Printing/Copying | 500.00 | 700.00 |
| 6706 Office Equipment Lease | 2,700.00 | 3,000.00 |
| 6715 Computer S/W Subscrp and Lic Fees | 20,000.00 | 25,000.00 |
| Total Admin Exp | 29,200.00 | 34,700.00 |
| Total Administration & General | 29,200.00 | 34,700.00 |
| Total Expenses | 8,851,787.00 | 12,145,287.95 |

Administration - Budget Summary

| | FY16/17 Adopted Budget 29,900 AF | FY17/18 Adopted Budget 35,200 AF |
|--|--|--|
| Total Professional Svcs | 2,500.00 | 25,000.00 |
| Total Utilities | 22,600.00 | 23,800.00 |
| Total Non Employee | 18,000.00 | 18,000.00 |
| Total Compensation | 603,855.00 | 620,029.00 |
| Total Benefits | 148,988.00 | 150,588.00 |
| Total Admin Exp | 288,544.00 | 290,832.00 |
| Total Professional Fees | 209,500.00 | 214,000.00 |
| Total Finance | 2,802,400.00 | 2,563,762.00 |
| Total Expenses | 4,096,387.00 | 3,906,011.00 |
| Total Expenses Net of Bond Interest Expense | 1,303,987.00 | 1,352,249.00 |

| Administration | FY16/17 Adopted Budget 29,900 AF | FY17/18 Adopted Budget 35,200 AF |
|--|---|---|
| Expenses | | |
| Operations & Maintenance | | |
| Materials & Supplies | | |
| 5230 Professional Services Other | 2,500.00 | 25,000.00 |
| Total Professional Svcs | 2,500.00 | 25,000.00 |
| Utilities | | |
| 5500 Electricity | 3,000.00 | 3,000.00 |
| 5510 Telephone/Network Communication Svcs | 18,400.00 | 19,600.00 |
| 5511 Cell Phone | 1,200.00 | 1,200.00 |
| Total Utilities | 22,600.00 | 23,800.00 |
| Total Operations & Maintenance | 25,100.00 | 48,800.00 |
| Administration & General | | |
| Non Employee Compensation | | |
| 6001 Directors' Fees | 18,000.00 | 18,000.00 |
| Total Non Employee Compensation | 18,000.00 | 18,000.00 |
| Compensation | | |
| 6010 Regular Wages | 589,677.00 | 605,435.00 |
| 6018 Internship Pay | 12,978.00 | 12,789.00 |
| 6019 Overtime Wages | 1,200.00 | 1,805.00 |
| Total Compensation | 603,855.00 | 620,029.00 |
| Benefits | | |
| 6200 Auto Allowance | 7,000.00 | 7,000.00 |
| 6210 Payroll Tax - Employer's Portion of FICA Medicare | 8,739.00 | 8,964.00 |
| 6211 Payroll Tax - State Other/SUI | 2,100.00 | 1,680.00 |
| 6212 Payroll Tax Federal Other/FUTA | 882.00 | 1,008.00 |
| 6220 Insurance Costs - Health and Accidental | 50,400.00 | 50,400.00 |
| 6222 Insurance - Life to \$50K | 386.00 | 200.00 |
| 6223 Insurance - Life > \$50K | 1,200.00 | 700.00 |
| 6225 Workers' Compensation Insurance Premium | 7,000.00 | 7,000.00 |
| 6227 Retirement Benefits Paid by Employer | 71,281.00 | 73,636.00 |
| Total Benefits | 148,988.00 | 150,588.00 |
| Administration Exp | | |
| 6700 Office Supplies - General | 5,000.00 | 5,000.00 |
| 6705 Printing/Copying | 3,000.00 | 3,000.00 |
| 6706 Office Equipment Lease | 3,700.00 | 3,700.00 |
| 6710 Postage and Delivery Charges | 2,000.00 | 2,000.00 |
| 6715 Computer S/W Subscrp and Lic Fees | 25,000.00 | 25,000.00 |
| 6720 Meeting Expenses | 500.00 | 500.00 |
| 6721 Mileage Reimbursement | 500.00 | 1,000.00 |
| 6725 Registration Fees | 5,000.00 | 5,000.00 |
| 6726 Travel Costs | 2,500.00 | 2,500.00 |
| 6730 Professional Membership - Employees | 1,500.00 | 1,500.00 |
| 6731 Professional Membership - Agency Wide | 20,000.00 | 20,000.00 |

| Administration | FY16/17 Adopted Budget 29,900 AF | FY17/18 Adopted Budget 35,200 AF |
|---|---|---|
| 6735 Subscriptions and Publications | 500.00 | 500.00 |
| 6736 Advertising - Public Postings | 1,500.00 | 1,300.00 |
| 6741 Main Office Lease | 42,844.00 | 44,832.00 |
| 6780 Insurance - Liability | 65,000.00 | 65,000.00 |
| 6781 Insurance - Casualty and Property | 110,000.00 | 110,000.00 |
| Total Admin Exp | 288,544.00 | 290,832.00 |
| Professional Fees | | |
| 7100 External Audit Expense | 9,500.00 | 14,000.00 |
| 7110 Legal Expenses - General | 200,000.00 | 200,000.00 |
| Total Professional Fees | 209,500.00 | 214,000.00 |
| Finance | | |
| 7200 Bond Interest Expenses | 2,792,400.00 | 2,553,762.00 |
| 7210 Bond Admin Fees | 2,400.00 | - |
| 7211 Financial Services | 7,600.00 | 7,600.00 |
| 7221 Bank Service Charges | - | 2,400.00 |
| Total Finance | 2,802,400.00 | 2,563,762.00 |
| Total Administration & General | 4,071,287.00 | 3,857,211.00 |
| Total Expenses | 4,096,387.00 | 3,906,011.00 |

CHINO BASIN DESALTER AUTHORITY
 Adopted FY2017/18 Capital Budget
 (Non-Debt Financed Capital Projects & Expansion Phase III Projects)
 Project Listing

| Project No. | Project Descriptions | Carry-over Amount from FY 2016/17 Budget | New or Continuation Segment of Project | FY 2017/18 Budgeted Project Cost |
|---|---|--|---|---|
| Chino I Projects | | | | |
| 7101 | Product Water Capacity Improvements | \$ 746,839 | \$ - | \$ 746,839 |
| 7104 | Demolition & Replacement Existing Salt Tank Pads | 55,941 | 258,699 | 314,640 |
| 7121 | Chino I Slurry Seal Plant Asphalt Paving | 25,000 | - | 25,000 |
| 7124 | RO Building Drainage | 15,000 | - | 15,000 |
| 7139 | Update CDA-1 Operations and Maintenance Manual | 130,000 | - | 130,000 |
| 7140 | IX Piping Replacement | 100,000 | 25,000 | 125,000 |
| 7141 | Exterior Tanks and Vessels (fiberglass & metal) Re-Coating | 89,538 | 85,462 | 175,000 |
| 7142 | Salt Tanks (2) Modifications | 30,000 | - | 30,000 |
| 7143 | Salt Tanks (2) Interior Re-Coating | 40,000 | - | 40,000 |
| 7145 | Chino I Replace Product Water VFD | - | 55,000 | 55,000 |
| 7146 | Well Site PLC Replacement (10 PLC's) | - | 55,000 | 55,000 |
| 7147 | Purchase Web Based HMI for Desalter/Wonderware | - | 47,000 | 47,000 |
| 7148 | CDA RO/CW/IX PLC Replacement | - | 88,580 | 88,580 |
| 7137 (7008) | CDA Telephone System Replacement | 15,000 | - | 15,000 |
| 7149 | SCADA Radio Survey & Equipment Master Plan (Previously named: Chino I Well Field Master Plan Development) | - | 60,000 | 60,000 |
| 7150 | Well I-11 Sand Separator | - | 20,000 | 20,000 |
| 7151 | ClorTec Replacement | - | 175,000 | 175,000 |
| 7152 | CIP Room Coating (Design/Professional Fees) | - | 50,000 | 50,000 |
| 7153 | TCP/TCE Treatment (Preliminary Study) | - | 50,000 | 50,000 |
| | | - | - | - |
| | | \$ 1,247,318 | \$ 969,741 | \$ 2,217,059 |
| Chino II Projects | | | | |
| 7202 | SCADA Radio Survey & Equipment Project | \$ 50,000 | \$ 50,000 | \$ 100,000 |
| 7208 | Replace Well with Vertical Turbine Well II-2 | 141,430 | 58,570 | 200,000 |
| 7205 | Chino II SCADA Computer Replacement | - | 12,000 | 12,000 |
| 7209 | Brine Line Flowmeter (Design) | - | 200,000 | 200,000 |
| 7210 | Limonite/15 Pipeline Relocation | - | 94,859 | 94,859 |
| 7211 | Limonite/15 Bridge Cells | - | 204,272 | 204,272 |
| | | - | - | - |
| | | \$ 191,430 | \$ 619,701 | \$ 811,131 |
| General Projects | | | | |
| 7001 | Inspection and Plan Check Services (Reimbursable) | \$ 50,000 | \$ - | \$ 50,000 |
| 7002 | Professional "On-Call" Services | 50,000 | - | 50,000 |
| 7004 | Capital Replacement/Emergency Reserve | 150,000 | - | 150,000 |
| | | - | - | - |
| | | \$ 250,000 | \$ - | \$ 250,000 |
| Total Non-Debt Capital Projects (Excludes Expansion Phase III Project) | | 1,688,748 | 1,589,442 | 3,278,190 |
| Total Expansion Phase III Projects | | \$ 1,878,310 | \$ 3,530,000 | \$ 5,408,310 |
| Total South Archibald Plume Project | | \$ 8,733,050 | \$ - | \$ 8,733,050 |
| Total Capital Projects (includes Expansion Phase III & S. Archibald Plume) | | \$ 12,300,108 | \$ 5,119,442 | \$ 17,419,550 |