



Budget Fiscal Year 2018/19

Adopted by the Chino Basin Desalter Board of Directors June 7, 2018

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%	\$ 470,773	\$ 117,692	\$ 2,051,630	\$ 512,908	\$ 482,703	\$ 120,676	\$ 3,086,684	\$ 771,671	\$ 4,091,651	\$ 1,022,913	\$ 10,183,441	\$ 2,545,860	\$ 868
Chino	5,000	14.205%	200,628	50,157	1,250,886	312,722	205,712	51,428	1,315,443	328,861	1,743,727	435,932	4,716,396	\$ 1,179,100	943
Ontario ¹	8,533	24.241%	342,374	85,594	-	-	351,050	87,763	2,244,819	561,205	2,975,691	743,923	5,913,934	\$ 1,478,485	693
Chino Hills	4,200	11.932%	168,525	42,131	1,050,823	262,706	172,795	43,199	1,104,954	276,239	1,464,706	366,177	3,961,803	\$ 990,452	943
Santa Ana River Water Co.	1,200	3.409%	48,148	12,037	300,095	75,024	49,368	12,342	315,688	78,922	418,470	104,618	1,131,769	\$ 282,943	943
Norco	1,000	2.841%	40,126	10,032	250,079	62,520	41,142	10,286	263,089	65,772	348,745	87,186	943,181	\$ 235,796	943
WMWD	3,534	10.040%	141,803	35,451	-	-	145,396	36,349	929,746	232,437	1,232,455	308,114	2,449,400	\$ 612,351	693
Total	35,200	100.000%	\$ 1,412,377		\$ 4,903,513		\$ 1,448,166		\$ 9,260,423		\$ 12,275,445		\$ 29,299,924	\$ 7,324,987	

Debt Service 2016A Bond

	Allocation %	Debt Service 2016A Bond	Total Debt Service	
JCSD	41.84%	2,051,630	\$ 2,051,630	175
Chino	25.51%	1,250,886	\$ 1,250,886	250
Ontario ¹	0.00%	-	\$ -	
Chino Hills	21.43%	1,050,823	\$ 1,050,823	250
Santa Ana River Water Co.	6.12%	300,095	\$ 300,095	250
Norco	5.10%	250,079	\$ 250,079	250
WMWD	0.00%	-	\$ -	
	100.00%	4,903,513	4,903,513	

Capital Costs (CIP)	\$ 1,448,166
Administration	\$ 1,412,377
Chino I	\$ 7,939,048
Chino II	\$ 13,596,820
Total CI & CII O&M	\$ 21,535,868
Fixed @43%	\$ 9,260,423
Variable @57%	\$ 12,275,445
	\$ 21,535,868

Administration - Budget Summary

	FY17/18	FY18/19
	Adopted Budget	Adopted Budget
	35,200 AF	35,200 AF
Total Professional Svcs	25,000.00	25,000.00
Total Utilities	23,800.00	24,470.00
Total Other Exp	-	-
Total Non Employee	18,000.00	18,000.00
Total Compensation	620,029.00	646,237.00
Total Benefits	150,588.00	158,300.00
Total Recruitment	-	200.00
Total Admin Exp	290,832.00	315,300.00
Total Professional Fees	214,000.00	214,420.00
Total Finance	2,563,762.00	2,448,962.00
Total Non Operating	-	-
Total Expenses	3,906,011.00	3,850,889.00
Total Expenses Net of Bond Interest Expense	1,352,249.00	1,412,377.00

Administration

	FY17/18 Adopted Budget 35,200 AF	FY18/19 Adopted Budget 35,200 AF
Expenses		
Operations & Maintenance		
Materials & Supplies		
5230 Professional Services Other	25,000.00	25,000.00
Total Professional Svcs	25,000.00	25,000.00
Utilities		
5500 Electricity	3,000.00	3,270.00
5510 Telephone/Network Communication Svcs	19,600.00	20,000.00
5511 Cell Phone	1,200.00	1,200.00
Total Utilities	23,800.00	24,470.00
Total Operations & Maintenance	48,800.00	49,470.00
Administration & General		
Non Employee Compensation		
6001 Directors' Fees	18,000.00	18,000.00
Total Non Employee	18,000.00	18,000.00
Compensation		
6010 Regular Wages	605,435.00	635,996.00
6018 Internship Pay	12,789.00	10,241.00
6019 Overtime Wages	1,805.00	-
Total Compensation	620,029.00	646,237.00
Benefits		
6200 Auto Allowance	7,000.00	7,000.00
6210 Payroll Tax - Employer's Portion of FICA Medicare	8,964.00	9,256.00
6211 Payroll Tax - State Other/SUI	1,680.00	1,260.00
6212 Payroll Tax Federal Other/FUTA	1,008.00	1,260.00
6220 Insurance Costs - Health and Accidental	50,400.00	55,200.00
6222 Insurance - Life to \$50K	200.00	200.00
6223 Insurance - Life > \$50K	700.00	700.00
6225 Workers' Compensation Insurance Premium	7,000.00	7,000.00
6227 Retirement Benefits Paid by Employer	73,636.00	76,424.00
Total Benefits	150,588.00	158,300.00
Recruitment Expenses		
6310 Recruitment - Advertising Costs	-	200.00
Total Recruitment	-	200.00
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	1,000.00	1,200.00
6725 Registration Fees	5,000.00	5,000.00

Administration	FY17/18 Adopted Budget 35,200 AF	FY18/19 Adopted Budget 35,200 AF
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
6735 Subscriptions and Publications	500.00	500.00
6736 Advertising - Public Postings	1,300.00	1,300.00
6741 Main Office Lease	44,832.00	44,100.00
6780 Insurance - Liability	65,000.00	50,000.00
6781 Insurance - Casualty and Property	110,000.00	150,000.00
Total Admin Exp	290,832.00	315,300.00
Professional Fees		
7100 External Audit Expense	14,000.00	14,420.00
7110 Legal Expenses - General	200,000.00	200,000.00
Total Professional Fees	214,000.00	214,420.00
Finance		
7200 Bond Interest Expenses	2,553,762.00	2,438,512.00
7210 Bond Admin Fees	-	4,000.00
7211 Financial Services	7,600.00	3,750.00
7221 Bank Service Charges	2,400.00	2,700.00
Total Finance	2,563,762.00	2,448,962.00
Total Administration & General	3,857,211.00	3,801,419.00
Total Expenses	3,906,011.00	3,850,889.00

Chino I - Budget Summary

	FY17/18	FY18/19
	Adopted Budget	Adopted Budget
	14,200 AF	14,200 AF
Total Outside Labor	1,309,065.00	1,182,667.00
Total Material & Supplies	380,500.00	515,500.00
Total Professional Srvcs	859,100.00	884,100.00
Total Chemicals	1,072,000.00	1,062,000.00
Total Operating Fees	1,524,868.80	1,493,851.00
Total Utilities	2,697,816.00	2,747,800.00
Total Other Exp	1,700.00	1,700.00
Total Admin Exp	51,430.00	51,430.00
Total Expenses	7,896,479.80	7,939,048.00

Chino I

	FY17/18 Adopted Budget 14,200 AF	FY18/19 Adopted Budget 14,200 AF
Expenses		
Operations & Maintenance		
Outside Labor		
5020 Contract Labor IEUA	1,264,637.00	1,071,338.00
5034 Contract Labor Admin IEUA	44,428.00	111,329.00
Total Outside Labor	1,309,065.00	1,182,667.00
Materials & Supplies		
5110 Supplies General	170,000.00	180,000.00
5170 Equipment Less than \$5000	8,000.00	8,000.00
5175 Equip Lease/Rental	2,500.00	2,500.00
5180 Membrane Replacements	150,000.00	250,000.00
5185 Resin Replacements	50,000.00	75,000.00
Total Material & Supplies	380,500.00	515,500.00
Professional Services		
5210 Contract Services Labor & Material	170,000.00	200,000.00
5211 Contract Srvcs SCADA and Instrmntn Supprt	5,000.00	5,000.00
5212 Contract Services Plant Process Consultant SPI	30,000.00	25,000.00
5230 Professional Services Other	35,000.00	25,000.00
5240 Laboratory Outside	130,000.00	140,000.00
5241 Laboratory IEUA	37,100.00	37,100.00
5250 Computer/Network System Maintenance	10,000.00	10,000.00
5260 Security Services	16,000.00	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	859,100.00	884,100.00
Chemicals		
5310 Salt	615,000.00	618,000.00
5320 Threshold Inhibitor - Anti Scalant	171,000.00	180,000.00
5330 Sodium Hydroxide (Caustic Soda)	68,000.00	35,000.00
5331 Sodium Hypochlorite	2,000.00	2,000.00
5340 Sulfuric Acid	176,000.00	184,000.00
5350 Ammonia	15,000.00	18,000.00
5390 Other Chemicals	25,000.00	25,000.00
Total Chemicals	1,072,000.00	1,062,000.00
Operating Fees		
5410 Permits and Licenses	65,000.00	45,000.00
5420 Volumetric Fees Wastewater	751,815.54	817,344.00
5430 Strength Charges BOD/COD	8,282.00	6,980.00
5435 Strength Charges TSS	258,742.26	161,457.00
5445 Capacity Fees	441,029.00	463,070.00
Total Operating Fees	1,524,868.80	1,493,851.00

Chino I

	FY17/18 Adopted Budget 14,200 AF	FY18/19 Adopted Budget 14,200 AF
Utilities		
5500 Electricity	2,662,216.00	2,712,200.00
5510 Telephone/Network Communication Srvc	15,000.00	15,000.00
5520 Water	12,100.00	12,100.00
5530 Disposal Fees	2,500.00	2,500.00
5590 Other Utilities	6,000.00	6,000.00
Total Utilities	2,697,816.00	2,747,800.00
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	7,845,049.80	7,887,618.00
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	45,000.00	45,000.00
Total Admin Exp	51,430.00	51,430.00
Total Administration & General	51,430.00	51,430.00
Total Expenses	7,896,479.80	7,939,048.00

Chino II - Budget Summary

	FY 17/18 Adopted Budget	FY 18/19 Adopted Budget
	21,000 AF	21,000 AF
Total Outside Labor	1,420,508.00	1,770,407.00
Total Material & Supplies	320,000.00	557,500.00
Total Professional Svcs	1,189,500.00	893,000.00
Total Chemicals	4,136,506.00	5,007,844.00
Total Operating Fees	715,993.95	724,829.00
Total Utilities	4,328,080.00	4,613,040.00
Total Admin Exp	34,700.00	30,200.00
Total Expenses	12,145,287.95	13,596,820.00

Chino II	FY 17/18	FY 18/19
	Adopted Budget	Adopted Budget
	21,000 AF	21,000 AF
Expenses		
Operations & Maintenance		
Outside Labor		
5021 Contract Labor JCSD	1,321,659.00	1,659,202.00
5039 Contract Labor Admin JCSD	98,849.00	111,205.00
Total Outside Labor	1,420,508.00	1,770,407.00
Materials & Supplies		
5110 Supplies General	62,500.00	300,000.00
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	557,500.00
Professional Services		
5210 Contract Services Labor & Material	120,000.00	120,000.00
5211 Contract Srvcs SCADA and Instrmntn Supprt	-	100,000.00
5212 Contract Services Plant Process Consultant SPI	37,500.00	37,500.00
5213 Contract Srvcs SCADA & Instrmntn Supprt Martek Labor	120,000.00	-
5214 Contract Srvcs SCADA & Instrmntn Supprt Martek Materi	90,000.00	-
5215 Contract Srvcs SCADA & Instrmntn Supprt Tensor ID	100,000.00	-
5230 Professional Services Other	50,000.00	50,000.00
5240 Laboratory Outside	210,000.00	130,000.00
5260 Security Services	20,000.00	20,000.00
5261 Janitorial Services	12,000.00	5,500.00
5291 Well Repair & Maintenance	400,000.00	400,000.00
5295 JCSD Transportation Fees	30,000.00	30,000.00
Total Professional Srvcs	1,189,500.00	893,000.00
Chemicals		
5310 Salt	282,506.00	355,000.00
5315 Lime	185,000.00	462,110.00
5320 Threshold Inhibitor - Anti Scalant	345,000.00	162,000.00
5325 Soda Ash	655,000.00	684,627.00
5330 Sodium Hydroxide (Caustic Soda)	1,800,000.00	2,525,000.00
5335 Polymer	110,000.00	150,000.00
5340 Sulfuric Acid	275,000.00	228,107.00
5344 Magnesium Chloride	345,000.00	345,000.00
5345 Ferric Chloride	68,000.00	25,000.00
5355 Seed	61,000.00	61,000.00
5390 Other Chemicals	10,000.00	10,000.00
Total Chemicals	4,136,506.00	5,007,844.00

Chino II

	FY 17/18 Adopted Budget	FY 18/19 Adopted Budget
	21,000 AF	21,000 AF
Operating Fees		
5410 Permits and Licenses	20,000.00	20,000.00
5420 Volumetric Fees Wastewater	289,491.30	323,532.00
5430 Strength Charges BOD/COD	7,304.85	4,725.00
5435 Strength Charges TSS	96,784.80	59,045.00
5445 Capacity Fees	302,413.00	317,527.00
Total Operating Fees	715,993.95	724,829.00
Utilities		
5500 Electricity	3,937,080.00	4,011,000.00
5510 Telephone/Network Communication Srvcs	20,000.00	30,000.00
5511 Cell Phone	1,000.00	3,500.00
5520 Water	10,000.00	10,000.00
5530 Disposal Fees		6,540.00
5531 Clarifier Solids Disposal	185,000.00	377,000.00
5532 Pellet Disposal	175,000.00	175,000.00
Total Utilities	4,328,080.00	4,613,040.00
Total Operations & Maintenance	12,110,587.95	13,566,620.00
Administration & General		
6700 Office Supplies - General	6,000.00	1,500.00
6705 Printing/Copying	700.00	700.00
6706 Office Equipment Lease	3,000.00	3,000.00
6715 Computer S/W Subscrp and Lic Fees	25,000.00	25,000.00
Total Admin Exp	34,700.00	30,200.00
Total Administration & General	34,700.00	30,200.00
Total Expenses	12,145,287.95	13,596,820.00

CHINO BASIN DESALTER AUTHORITY
 Adopted FY2018/19 Capital Budget
 (Non-Debt Financed Capital Projects & Expansion Phase III Projects)
 Project Listing

Project No.	Project Descriptions	Carry-over Amount from FY 2017/18 Budget	New or Continuation Segment of Project	FY 2018/19 Budgeted Project Cost
Chino I Projects				
7121	Chino I Slurry Seal Plant Asphalt Paving	\$ 25,000	\$ -	\$ 25,000
7139	Update CDA-1 Operations and Maintenance Manual	130,000	50,000	180,000
7149	SCADA Radio Survey & Equipment Master Plan (Previously named: Chino I Well Field Master Plan Development)	60,000	-	60,000
7152	CIP Room Coating (Design/Professional Fees)	50,000	300,000	350,000
7154	Fern Ave Gate	-	200,000	200,000
7155	Chino I Replace Product Water VFD	-	60,000	60,000
7156	CIP Cartridge Filter Housing	-	65,000	65,000
7157	Well VFDs	-	60,000	60,000
7158	GAC Treatment	-	50,000	50,000
7159	LED Lights at Plant/Well Sites	-	60,000	60,000
7160	SCADA/Cyber Security	-	40,000	40,000
		-	-	-
		\$ 265,000	\$ 885,000	\$ 1,150,000
Chino II Projects				
7202	SCADA Radio Survey & Equipment Project	\$ -	\$ 50,000	\$ 50,000
7208	Replace Well with Vertical Turbine Well II-2	211,279	-	211,279
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	176,257	271,116
7211	Limonite/15 Bridge Cells	204,272	156,909	361,181
7212	CDA-2 Operations and Maintenance Manual	-	180,000	180,000
		-	-	-
		\$ 722,410	\$ 563,166	\$ 1,285,576
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)		1,237,410	1,448,166	2,685,576
Total Expansion Phase III Projects		\$ 1,399,037	\$ 6,215,020	\$ 7,614,057
Total South Archibald Plume Project		\$ 8,233,016	\$ 10,000,000	\$ 18,233,016
Total Capital Projects (includes Expansion Phase III & S. Archibald Plume)		\$ 10,869,463	\$ 17,663,186	\$ 28,532,649