



**Adopted Budget Fiscal Year 2019/20**

Adopted by the Chno Basin Desalter Board of Directors June 6, 2019

Members	Entitlement AF Per WPA	Entitlement %	Administrative Costs	Qtrly Amt	Fixed Proj Cost - Debt Service <sup>1</sup>	Qtrly Amt	Fixed Proj Cost - Capital	Qtrly Amt	43% Fixed O&M Cost	Qtrly Amt	57% Variable O&M Cost	Qtrly Amt	Total Cost	Qtrly Amt	Cost Per AF <sup>1</sup>
JCSD	11,733	33.332%	\$ 472,459	\$ 118,114	\$ 2,075,374	\$ 518,844	\$ 694,438	\$ 173,610	\$ 3,144,561	\$ 786,140	\$ 4,168,372	\$ 1,042,093	\$ 10,555,204	\$ 2,638,801	\$ 900
Chino	5,000	14.205%	201,347	50,337	1,265,363	316,341	295,947	73,987	1,340,108	335,027	1,776,423	444,106	4,879,188	\$ 1,219,798	976
Ontario <sup>1</sup>	8,533	24.241%	343,601	85,900	-	-	505,037	126,259	2,286,911	571,728	3,031,486	757,872	6,167,035	\$ 1,541,759	723
Chino Hills	4,200	11.932%	169,128	42,282	1,062,984	265,746	248,591	62,148	1,125,672	281,418	1,492,170	373,043	4,098,545	\$ 1,024,637	976
Santa Ana River Water Co.	1,200	3.409%	48,320	12,080	303,568	75,892	71,023	17,756	321,607	80,402	426,316	106,579	1,170,834	\$ 292,709	976
Norco	1,000	2.841%	40,269	10,067	252,973	63,243	59,189	14,797	268,022	67,006	355,285	88,821	975,738	\$ 243,934	976
WMWD	3,534	10.040%	142,311	35,578	-	-	209,173	52,293	947,180	236,795	1,255,564	313,891	2,554,228	\$ 638,557	723
<b>Total</b>	<b>35,200</b>	<b>100.000%</b>	<b>\$ 1,417,435</b>		<b>\$ 4,960,262</b>		<b>\$ 2,083,398</b>		<b>\$ 9,434,061</b>		<b>\$ 12,505,616</b>		<b>\$ 30,400,772</b>	<b>\$ 7,600,195</b>	

**Debt Service 2016A Bond**

	Allocation %	Debt Service 2016A Bond	Total Debt Service	Capital Costs (CIP)	
JCSD	41.84%	2,075,374	\$ 2,075,374	Administration	\$ 1,417,436
Chino	25.51%	1,265,363	\$ 1,265,363	Chino I	\$ 8,164,241
Ontario <sup>1</sup>	0.00%			Chino II	\$ 13,775,436
Chino Hills	21.43%	1,062,984	\$ 1,062,984	Total CI & CII O&M	\$ 21,939,677
Santa Ana River Water Co	6.12%	303,568	\$ 303,568		
Norco	5.10%	252,973	\$ 252,973	Fixed @ 43%	\$ 9,434,061
WMWD	0.00%			Variable @57%	\$ 12,505,616
	<b>100.00%</b>	<b>4,960,263</b>	<b>\$ 4,960,262</b>		<b>\$ 21,939,677</b>

(1) Fixed Project Cost Allocation excluding Ontario (Ontario prepaid its share of debt obligation in Aug 2005).

**CDA FY2019/20 Budget - Administration**

*Adopted by the Chno Basin Desalter Board of Directors June 6, 2019*

	<b>FY 2018/19 Adopted Budget 35,200 AF</b>	<b>FY 2019/20 Adopted Budget 35,200 AF</b>
<b>ADMINISTRATION BUDGET SUMMARY</b>		
<b>Total Professional Srvcs</b>	\$ 25,000	\$ 25,000
<b>Total Utilities</b>	24,470	26,770
<b>Total Non Employee</b>	18,000	18,000
<b>Total Compensation</b>	646,237	691,266
<b>Total Benefits</b>	158,300	152,917
<b>Total Recruitment</b>	200	0
<b>Total Admin Exp</b>	315,300	324,823
<b>Total Professional Fees</b>	214,420	164,710
<b>Total Finance</b>	2,448,962	2,329,213
<b>Total Expenses</b>	<b>3,850,889</b>	<b>3,732,699</b>
<b>Total Expenses Net of Bond Interest Expense</b>	\$ 1,412,377	\$ 1,417,436

**CDA FY2019/20 Budget - Administration**

*Adopted by the Chno Basin Desalter Board of Directors June 6, 2019*

	FY 2018/19 Adopted Budget 35,200 AF	FY 2019/20 Adopted Budget 35,200 AF
<b>Expenses</b>		
<b>Professional Services</b>		
5230 Professional Services Other	\$ 25,000	\$ 25,000
<b>Total Professional Svcs</b>	\$ 25,000	\$ 25,000
<b>Utilities</b>		
5500 Electricity	3,270	3,570
5510 Telephone/Network Communication Svcs	20,000	22,000
5511 Cell Phone	1,200	1,200
<b>Total Utilities</b>	\$ 24,470	\$ 26,770
<b>Total Operations &amp; Maintenance</b>	\$ 49,470	\$ 51,770
<b>Administration &amp; General</b>		
<b>Non Employee Compensation</b>		
6001 Directors' Fees	18,000	18,000
<b>Total Non Employee</b>	\$ 18,000	\$ 18,000
<b>Compensation</b>		
6010 Regular Wages	635,996	691,266
6018 Internship Pay	10,241	0
<b>Total Compensation</b>	\$ 646,237	\$ 691,266
<b>Benefits</b>		
6200 Auto Allowance	7,000	7,000
6210 Payroll Tax - Employer's Portion of FICA Medicare	9,256	8,900
6211 Payroll Tax - State Other/SUI	1,260	1,260
6212 Payroll Tax Federal Other/FUTA	1,260	1,260
6220 Insurance Costs - Health and Accidental	55,200	50,400
6222 Insurance - Life to \$50K	200	200
6223 Insurance - Life > \$50K	700	700
6225 Workers' Compensation Insurance Premium	7,000	7,000
6227 Retirement Benefits Paid by Employer	76,424	76,197
<b>Total Benefits</b>	\$ 158,300	\$ 152,917
<b>Recruitment Expenses</b>		
6310 Recruitment - Advertising Costs	200	0
<b>Total Recruitment</b>	\$ 200	\$ -

**CDA FY2019/20 Budget - Administration**

*Adopted by the Chno Basin Desalter Board of Directors June 6, 2019*

	FY 2018/19 Adopted Budget 35,200 AF	FY 2019/20 Adopted Budget 35,200 AF
<b>Administration Exp</b>		
6700 Office Supplies - General	\$ 5,000	\$ 6,000
6705 Printing/Copying	3,000	3,000
6707 Computer Equipment	0	5,000
6708 IT Support	0	15,000
6706 Office Equipment Lease	3,700	3,700
6710 Postage and Delivery Charges	2,000	2,000
6715 Computer S/W Subscrp and Lic Fees	25,000	29,000
6720 Meeting Expenses	500	1,000
6721 Mileage Reimbursement	1,200	1,700
6725 Registration Fees (Training)	5,000	6,000
6726 Travel Costs	2,500	2,600
6730 Professional Membership - Employees	1,500	2,600
6731 Professional Membership - Agency Wide	20,000	20,000
6735 Subscriptions and Publications	500	500
6736 Advertising - Public Postings	1,300	1,300
6741 Main Office Lease	44,100	45,423
6780 Insurance - Liability	50,000	30,000
6781 Insurance - Casualty and Property	150,000	150,000
<b>Total Admin Exp</b>	<b>\$ 315,300</b>	<b>\$ 324,823</b>
<b>Professional Fees</b>		
7100 External Audit Expense	14,420	14,710
7110 Legal Expenses - General	200,000	150,000
<b>Total Professional Fees</b>	<b>\$ 214,420</b>	<b>\$ 164,710</b>
<b>Finance</b>		
7200 Bond Interest Expenses	2,438,512	2,315,263
7210 Bond Admin Fees	4,000	4,600
7211 Financial Services	3,750	6,650
7221 Bank Service Charges	2,700	2,700
<b>Total Finance</b>	<b>\$ 2,448,962</b>	<b>\$ 2,329,213</b>
<b>Total Administration &amp; General</b>	<b>\$ 3,801,419</b>	<b>\$ 3,680,929</b>
<b>Total Expenses</b>	<b>\$ 3,850,889</b>	<b>\$ 3,732,699</b>

**CDA FY2019/20 Budget - Chino I***Adopted by the Chno Basin Desalter Board of Directors June 6, 2019*

	<b>FY 2018/19 Adopted Budget 14,200 AF</b>	<b>FY 2019/20 Adopted Budget 14,200 AF</b>
<b>CHINO I BUDGET SUMMARY</b>		
<b>Total Outside Labor</b>	\$ 1,182,667	\$ 1,330,748
<b>Total Material &amp; Supplies</b>	515,500	410,500
<b>Total Professional Svcs</b>	884,100	1,108,000
<b>Total Chemicals</b>	1,062,000	1,050,000
<b>Total Operating Fees</b>	1,493,851	1,464,063
<b>Total Utilities</b>	2,747,800	2,747,800
<b>Total Other Exp</b>	1,700	1,700
<b>Total Admin Exp</b>	51,430	51,430
<b>Total Expenses</b>	<b>\$ 7,939,048</b>	<b>\$ 8,164,241</b>

**CDA FY2019/20 Budget - Chino I**

*Adopted by the Chno Basin Desalter Board of Directors June 6, 2019*

<b>Expenses</b>	<b>FY 2018/19 Adopted Budget 14,200 AF</b>	<b>FY 2019/20 Adopted Budget 14,200 AF</b>
<b>Operations &amp; Maintenance</b>		
<b>Outside Labor</b>		
5020 Contract Labor IEUA	\$ 1,071,338	\$ 1,280,429
5034 Contract Labor Admin IEUA	111,329	50,319
<b>Total Outside Labor</b>	<b>1,182,667</b>	<b>1,330,748</b>
<b>Materials &amp; Supplies</b>		
5110 Supplies General	180,000	200,000
5170 Equipment Less than \$5000	8,000	8,000
5175 Equip Lease/Rental	2,500	2,500
5180 Membrane Replacements	250,000	150,000
5185 Resin Replacements	75,000	50,000
<b>Total Material &amp; Supplies</b>	<b>\$ 515,500</b>	<b>\$ 410,500</b>
<b>Professional Services</b>		
5210 Contract Services Labor & Material	200,000	200,000
5211 Contract Srvcs SCADA and Instrmntn Supprt	5,000	150,000
5212 Contract Services Plant Process Consultant SPI	25,000	25,000
5230 Professional Services Other	25,000	40,000
5240 Laboratory Outside	140,000	150,000
5241 Laboratory IEUA	37,100	50,000
5250 Computer/Network System Maintenance	10,000	10,000
5260 Security Services	16,000	32,000
5261 Janitorial Services	6,000	6,000
5262 Landscaping/Weed and Pest Control	20,000	45,000
5291 Pump Motor Well Repair & Maintenance	400,000	400,000
<b>Total Professional Srvcs</b>	<b>\$ 884,100</b>	<b>\$ 1,108,000</b>
<b>Chemicals</b>		
5310 Salt	618,000	636,000
5320 Threshold Inhibitor - Anti Scalant	180,000	150,000
5330 Sodium Hydroxide (Caustic Soda)	35,000	35,000
5331 Sodium Hypochlorite	2,000	2,000
5340 Sulfuric Acid	184,000	184,000
5350 Ammonia	18,000	18,000
5390 Other Chemicals	25,000	25,000
<b>Total Chemicals</b>	<b>\$ 1,062,000</b>	<b>\$ 1,050,000</b>

**CDA FY2019/20 Budget - Chino I**

*Adopted by the Chno Basin Desalter Board of Directors June 6, 2019*

	FY 2018/19 Adopted Budget 14,200 AF	FY 2019/20 Adopted Budget 14,200 AF
<b>Operating Fees</b>		
5410 Permits and Licenses	\$ 45,000	\$ 45,000
5420 Volumetric Fees Wastewater	817,344	845,856
5430 Strength Charges BOD/COD	6,980	4,065
5435 Strength Charges TSS	161,457	92,321
5445 Capacity Fees	463,070	476,821
<b>Total Operating Fees</b>	<b>\$ 1,493,851</b>	<b>\$ 1,464,063</b>
<b>Utilities</b>		
5500 Electricity	2,712,200	2,712,200
5510 Telephone/Network Communication Srvc	15,000	15,000
5520 Water	12,100	12,100
5530 Disposal Fees	2,500	2,500
5590 Other Utilities	6,000	6,000
<b>Total Utilities</b>	<b>\$ 2,747,800</b>	<b>\$ 2,747,800</b>
<b>Other Expenses</b>		
5910 Property Tax Mello Roos	1,700	1,700
<b>Total Other Exp</b>	<b>\$ 1,700</b>	<b>\$ 1,700</b>
<b>Total Operations &amp; Maintenance</b>	<b>\$ 7,887,618</b>	<b>\$ 8,112,811</b>
<b>Administration &amp; General</b>		
<b>Administration Exp</b>		
6700 Office Supplies - General	3,180	3,180
6705 Printing/Copying	550	550
6706 Office Equipment Lease	2,700	2,700
6715 Computer S/W Subscrp and Lic Fees	45,000	45,000
<b>Total Admin Exp</b>	<b>\$ 51,430</b>	<b>\$ 51,430</b>
<b>Total Administration &amp; General</b>	<b>\$ 51,430</b>	<b>\$ 51,430</b>
<b>Total Expenses</b>	<b>\$ 7,939,048</b>	<b>\$ 8,164,241</b>

**CDA FY2019/20 Budget - Chino II***Adopted by the Chno Basin Desalter Board of Directors June 6, 2019*

<b>CHINO II BUDGET SUMMARY</b>	<b>FY 2018/19 Adopted Budget 21,000 AF</b>	<b>FY 2019/20 Adopted Budget 21,000 AF</b>
<b>Total Outside Labor</b>	\$ 1,770,407	\$ 2,039,769
<b>Total Material &amp; Supplies</b>	557,500	615,000
<b>Total Professional Srvcs</b>	893,000	1,204,000
<b>Total Chemicals</b>	5,007,844	4,700,353
<b>Total Operating Fees</b>	724,829	703,473
<b>Total Utilities</b>	4,613,040	4,472,841
<b>Total Admin Exp</b>	36,200	40,000
<b>Total Expenses</b>	<b>\$ 13,602,820</b>	<b>\$ 13,775,436</b>



**CDA FY2019/20 Budget - Chino II**

*Adopted by the Chno Basin Desalter Board of Directors June 6, 2019*

<u>Expenses</u>	FY 2018/19 Adopted Budget 21,000 AF	FY 2019/20 Adopted Budget 21,000 AF
<b>Operations &amp; Maintenance</b>		
<b>Outside Labor</b>		
5021    Contract Labor JCSD	\$    1,659,202	\$    1,897,724
5039    Contract Labor Admin JCSD	111,205	142,045
<b>Total Outside Labor</b>	<b>\$    1,770,407</b>	<b>\$    2,039,769</b>
<b>Materials &amp; Supplies</b>		
5110    Supplies General	300,000	300,000
5170    Equipment Less than \$5000	5,000	5,000
5175    Equip Lease/Rental	2,500	10,000
5180    Membrane Replacements	150,000	150,000
5185    Resin Replacements	100,000	150,000
<b>Total Material &amp; Supplies</b>	<b>\$    557,500</b>	<b>\$    615,000</b>
<b>Professional Services</b>		
5210    Contract Services Labor & Material	120,000	220,000
5211    Contract Srvcs SCADA and Instrmntn Supprt	100,000	200,000
5212    Contract Services Plant Process Consultant SPI	37,500	45,000
5230    Professional Services Other	50,000	100,000
5240    Laboratory Outside	130,000	130,000
5250    Computer/Network System Maintenance	-	37,000
5260    Security Services	20,000	35,000
5261    Janitorial Services	5,500	7,000
5291    Pump Motor Well Repair & Maintenance	400,000	400,000
5295    JCSD Transportation Fees	30,000	30,000
<b>Total Professional Srvcs</b>	<b>\$    893,000</b>	<b>\$    1,204,000</b>
<b>Chemicals</b>		
5310    Salt	355,000	302,510
5315    Lime	462,110	416,830
5320    Threshold Inhibitor - Anti Scalant	162,000	162,000
5325    Soda Ash	684,627	920,480
5330    Sodium Hydroxide (Caustic Soda)	2,525,000	2,025,349
5335    Polymer	150,000	125,000
5340    Sulfuric Acid	228,107	277,369
5344    Magnesium Chloride	345,000	324,120
5345    Ferric Chloride	25,000	15,695
5355    Seed	61,000	61,000
5390    Other Chemicals	10,000	70,000
<b>Total Chemicals</b>	<b>\$    5,007,844</b>	<b>\$    4,700,353</b>

**CDA FY2019/20 Budget - Chino II**

*Adopted by the Chno Basin Desalter Board of Directors June 6, 2019*

	FY 2018/19 Adopted Budget 21,000 AF	FY 2019/20 Adopted Budget 21,000 AF
<b>Operating Fees</b>		
5410 Permits and Licenses	\$ 20,000	\$ 20,000
5420 Volumetric Fees Wastewater	323,532	334,818
5430 Strength Charges BOD/COD	4,725	1,898
5435 Strength Charges TSS	59,045	19,814
5445 Capacity Fees	317,527	326,943
<b>Total Operating Fees</b>	<b>\$ 724,829</b>	<b>\$ 703,473</b>
<b>Utilities</b>		
5500 Electricity	4,011,000	4,011,000
5510 Telephone/Network Communication Srvcs	30,000	50,500
5511 Cell Phone	3,500	6,000
5520 Water	10,000	13,000
5530 Disposal Fees	6,540	6,540
5531 Solids Disposal	377,000	300,000
5532 Pellet Disposal	175,000	85,801
<b>Total Utilities</b>	<b>\$ 4,613,040</b>	<b>\$ 4,472,841</b>
<b>Total Operations &amp; Maintenance</b>	<b>\$ 13,566,620</b>	<b>\$ 13,735,436</b>
<b>Administration &amp; General</b>		
<b>Administration Exp</b>		
6700 Office Supplies - General	1,500	3,000
6705 Printing/Copying	700	1,000
6706 Office Equipment Lease	3,000	3,000
6707 Computer Equipment	3,000	3,000
6715 Computer S/W Subscrp and Lic Fees	25,000	30,000
6721 Mileage Reimbursement	3,000	-
<b>Total Admin Exp</b>	<b>\$ 36,200</b>	<b>\$ 40,000</b>
<b>Total Administration &amp; General</b>	<b>\$ 36,200</b>	<b>\$ 40,000</b>
<b>Total Expenses</b>	<b>\$ 13,602,820</b>	<b>\$ 13,775,436</b>



### FY 2019/20 Capital Budget

(Non-Debt Financed Capital Projects & Expansion Phase III Projects)

Adopted by the Chno Basin Desalter Board of Directors June 6, 2019

Proj #	Project Descriptions	Carryover Amount from FY 2018/19 Budget	New or Continuation Segment of Project	FY 2019/20 Budgeted Project Cost
<b>Chino I Projects</b>				
7121	Chino I Slurry Seal Plant Asphalt Paving	\$ 25,000		\$ 25,000
7139	Update CDA-1 Operations and Maintenance Manual	180,000	\$ 20,000	200,000
7149	SCADA Radio Survey & Equipment Master Plan (Prev named Chino I Well Field Master Plan Development)	43,200	120,000	163,200
7152	CIP Room Coating (Design/Professional Fees)	92,764	150,000	242,764
7154	Fern Ave Gate	-	30,000	30,000
7158	GAC Treatment	50,000	800,000	850,000
7161	Ion Exchange Vessel Rehabilitation	456,500		456,500
7162	Chino I Replace Product Water VFD		65,000	65,000
7163	HVAC Replacement		50,000	50,000
7164	End User Pump Station Repairs		100,000	100,000
7165	Caustic Soda Replacement Study		40,000	40,000
7166	Well Site Cleanup		80,000	80,000
7167	Server Hardware Replacement		25,000	25,000
		<b>\$ 847,464</b>	<b>\$ 1,480,000</b>	<b>\$ 2,327,464</b>
<b>Chino II Projects</b>				
7209	Brine Line Flowmeter (Design)	\$ 200,000		\$ 200,000
7211	Limonite/15 Bridge Cells	39,697		39,697
7212	CDA-2 Operations and Maintenance Manual	180,000	\$ 20,000	200,000
7214	Chino II Server Replacement		23,000	23,000
7215	Key Fob System/Facility commad for all doors		23,400	23,400
7216	Paint IX Vessels/Brine Tanks (3 tanks/8 vessels/2 waste tanks)		175,000	175,000
7217	ClorTec Replacement		200,000	200,000
7218	CIP Cartridge Filter Housing		75,000	75,000
7219	AC Units for Server Room Replacement (2 Units)		30,000	30,000
		<b>\$ 419,697</b>	<b>\$ 546,400</b>	<b>\$ 966,097</b>
<b>General Projects</b>				
7001	Inspection and Plan Check Services (Reimbursable)	\$ 50,000		\$ 50,000
7002	Professional "On-Call" Services	50,000		50,000
7003	Capital Replacement/Emergency Reserve	93,002	\$ 56,998	150,000
		<b>\$ 193,002</b>	<b>\$ 56,998</b>	<b>\$ 250,000</b>
<b>Total Non-Debt Capital Projects</b> (Excludes Phase III Exp Project)		<b>\$ 1,460,163</b>	<b>\$ 2,083,398</b>	<b>\$ 3,543,561</b>
Total Expansion Phase III Projects		<b>\$ 306,865</b>	<b>\$ 3,800,000</b>	<b>\$ 4,106,865</b>
Total South Archibald Plume Project		<b>\$ 7,697,876</b>	<b>\$ 7,000,000</b>	<b>\$ 14,697,876</b>
<b>Total Capital Projects</b> (includes Expansion Phase III & S. Archibald Plume)		<b>\$ 9,464,904</b>	<b>\$ 12,883,398</b>	<b>\$ 22,348,302</b>