



# Technical Advisory Committee Meeting

April 12, 2022 • 1:30 p.m.

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**TECHNICAL ADVISORY COMMITTEE  
CHINO BASIN DESALTER AUTHORITY**

3550 E. Philadelphia Street, Suite 170, Ontario, CA 91761

**April 12, 2022 • 1:30 p.m.**

*According to the directives from the California Department of Public Health and Executive Order N-08-21 issued by Governor Gavin Newsom, members of the public are invited to participate via video or teleconference:*

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**CALL TO ORDER**

**ROLL CALL**

**PUBLIC COMMENT**

*Members of the public may address the Committee on any item that is within the jurisdiction of the Committee; however, no action may be taken on any item not appearing on the agenda unless the action is otherwise authorized by Subdivision (b) of Section 54954.2 of the Government Code. Those persons wishing to address the Committee on any matter, whether or not it appears on the agenda, are requested to submit their request to comment to the Executive Assistant no less than one hour prior to the start of the meeting at (909) 218-3230 or [ccosta@chinodesalter.org](mailto:ccosta@chinodesalter.org). Comments will be limited to five minutes per speaker.*

**ADDITIONS TO THE AGENDA**

*In accordance with Section 54954.2 of the Government Code (Brown Act), additions to the agenda require two-thirds vote of the legislative body, or, if less than two-thirds of the members are present, a unanimous vote of those members present, that there is a need to take immediate action and that the need for action came to the attention of the local agency subsequent to the agenda being posted.*

- 1. MINUTES OF MARCH 22, 2022 TECHNICAL ADVISORY COMMITTEE MEETING**
- 2. CHINO I OPERATIONS REPORT**  
Report By: Chris Waggener/Inland Empire Utilities Agency
- 3. CHINO II / CRF OPERATIONS REPORT**  
Report By: Daniel Cardenas/Jurupa Community Services District
- 4. WATER DELIVERIES**  
Report By: Thomas O'Neill, CDA General Manager/CEO
- 5. BUDGET REVIEW FY 2022/23**  
Report By: Michael Chung, CDA CFO/Treasurer
- 6. CHINO I GAC UPDATE**  
Report By: Cindy Miller, Hazen & Sawyer Program Manager
- 7. BOARD MEETING AGENDA ITEMS REVIEW**  
Report By: Thomas O'Neill, CDA General Manager/CEO
- 8. NEW BUSINESS/FUTURE TECHNICAL ADVISORY AGENDA ITEMS REVIEW**  
Report By: Thomas O'Neill, CDA General Manager/CEO

**ADJOURN**

Any person with a disability who requires accommodations in order to participate in this meeting or for package materials in an alternative format should telephone Executive Assistant C. at (909) 218-3730, at least 48 hours prior to the meeting in order to make a request for a disability-related modification or accommodation. Copies of records provided to Board Members which relate to any agenda item to be discussed in open session may be obtained from Chino Basin Desalter Authority at 3550 E. Philadelphia Street, Suite 170, Ontario, CA 91761

**Declaration of Posting**

I, Casey Costa, Executive Assistant to the Chino Basin Desalter Authority, hereby certify that a copy of this agenda has been posted at Chino Basin Desalter Authority's main office, 3550 E. Philadelphia Street, Suite 170, Ontario, CA 91761 by April 8, 2022 at 1:30 p.m.

  
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Casey Costa, Executive Assistant



# **Technical Advisory Committee Meeting**

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## **Agenda Item**

### **No. 1**

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**CHINO BASIN DESALTER AUTHORITY  
TECHNICAL ADVISORY COMMITTEE**

**MINUTES**

**March 22, 2022 • 1:30 p.m.**

A meeting of the Chino Basin Desalter Authority Technical Advisory Committee was held via audio/teleconference. CDA General Manager O’Neill called the meeting to order at 1:30 p.m.

**Committee Members Present:**

Mark Wiley, City of Chino Hills  
Chis Bonadurer, City of Ontario  
Chris Waggener, Inland Empire Utilities Agency  
John Lopez, Santa Ana River Water Company (Alternate)  
Derek Kawaii, Western Municipal Water District

**Others Present:**

Thomas O’Neill, CDA General Manager/CEO  
Casey Costa, Executive Assistant  
Jose Garcia, CDA Principal Accountant  
Natalie Avila, City of Chino  
Daniel Cardenas, Jurupa Community Services District  
Albert Magallon, Western Municipal Water District  
Cindy Miller, Hazen & Sawyer  
Bob Bowcock, Integrated Resources Management/SB County Airports

**PUBLIC COMMENT** - There were no public comments.

**ADDITIONS TO THE AGENDA** – None

**AGENDA ITEMS**

<b>1.</b>	<b>MINUTES OF MARCH 8, 2022 TECHNICAL ADVISORY COMMITTEE MEETING</b> Minutes were approved as submitted.
<b>2.</b>	<b>CHINO I OPERATIONS REPORT</b> Report By: Chris Waggener/Inland Empire Utilities Agency <ul style="list-style-type: none"><li>• Plant Production Average 10.76 MGD</li><li>• 3/3/22 - Brine Transfer pump 2 pad poured, mounted and pining installed on 3/4</li><li>• 3/5/22 - Brine Pump #2 placed online.</li><li>• 3/7/22 - Plant Production increased to 11.8MGD</li><li>• 3/8/22 - Brine Feed pump #1 pulled, taken to Gould for warranty repair on 3/10.</li><li>• 3/14/22 - Inhibitor Pump #1 removed; new Dual Diaphragm pump installed.</li><li>• 3/17/22 - Load tests on Generators at wells I-6 and I-7.</li></ul>

3.	<p><b>CHINO II / CRF OPERATIONS REPORT</b>  Report By: Daniel Cardenas/Jurupa Community Services District</p> <ul style="list-style-type: none"> <li>• Plant Production Average 22.6 MGD</li> <li>• 3/10/22 Well II-3 Start Up after Soft Start Replaced</li> <li>• 3/2/22 - Low pH CIP of Reverse Osmosis Train # 3</li> <li>• 3/3/22 - Replaced Backwash Inlet Valve on NRV-6</li> <li>• 3/3/22 - Replaced Brine Inlet Valve on NRV-5</li> <li>• 3/14/22 - RO Cartridge Filter Change Out</li>   <li>• <b><u>CRF Update</u></b></li> <li>• 3/2/22 - 3/6/22 - Dewatered and Dechlorinated Disinfectant; backwashed all media filters; restored all plant piping</li> <li>• 3/7/22 - Plant Start Up</li> <li>• 3/14/22 - Repaired Leaks on Caustic Pumps to Clarifiers</li> </ul>
4.	<p><b>CONSTRUCTION CONTRACT AWARD FOR RO SYSTEMS AND SODIUM HYPOCHLORITE STORAGE TANKS IMPROVEMENTS PROJECT</b>  Report By: Thomas O’Neill, CDA General Manager/CEO</p> <p>General Manager O’Neill reviewed the recommendation to award a contract to Metro Builders &amp; Engineers Group for the Construction of the RO Systems and Sodium Hypochlorite Storage Tanks Improvements Project in the not-to-exceed amount of \$451,776. The project consists of improvements to RO trains #1 and #2 at the Chino I Desalter and replacement of existing sodium hypochlorite storage tanks at Chino I and Chino II Desalters. The bid package was advertised to four pre-qualified contractors and three bids were received, with Metro Builders at \$451,776, Ferreria Coastal Construction at \$678,300 and TE Roberts at \$698,531, with an engineer’s estimate of \$450,000.</p>
5.	<p><b>CHANGE ORDER TO EUROFINS EATON ANALYTICAL PURCHASE ORDER FOR PFOS/PFOA SAMPLING</b>  Report By: Thomas O’Neill, CDA General Manager/CEO</p> <p>General Manager O’Neill reviewed the recommendation to approve a Change Order to Eurofins Eaton Analytical Purchase Order for PFOS/PFOA Sampling in the not-to-exceed amount of \$50,000. A sole source Purchase Order was issued to Eurofins for laboratory analysis of PFOS and PFOA, as mandated by the state, in the amount of \$50,000. An additional \$50,000 is being requested for the remainder of the fiscal year.</p>
6.	<p><b>CHINO I GAC UPDATE</b>  Report By: Cindy Miller, Hazen &amp; Sawyer Program Manager</p> <ul style="list-style-type: none"> <li>• Pacific Hydrotech has substantially completed excavation for storage building footings.</li> <li>• Work is continuing on north GAC footings and rebar, as well as installation of south GAC system</li> <li>• Cartridge filters will be on site this week</li> <li>• North GAC vessel delivery will be coordinated with completion of the concrete pad.</li> </ul>

	<ul style="list-style-type: none"><li>• The last process memo was completed for the 97-005 permit and is being reviewed by the county prior to submittal to DDW.</li><li>• Anticipated project completion is July 27, 2022.</li></ul>
7.	<b>BOARD MEETING AGENDA ITEMS REVIEW</b> Report By: Thomas O’Neill, CDA General Manager/CEO General Manager O’Neill reviewed upcoming Board Items.
8.	<b>NEW BUSINESS/FUTURE TECHNICAL ADVISORY AGENDA ITEMS REVIEW</b> Report By: Thomas O’Neill, CDA General Manager/CEO

There being no further business, the meeting was adjourned at 1:50 p.m.

Submitted by Casey Costa, CDA Executive Assistant



# **Technical Advisory Committee Meeting**

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## **Agenda Item**

### **No. 2**

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**Well Field**

Well Name	VFD Speed	Original Design Rate (gpm)	Current Production Rate (gpm)	Percent of Production	Operational (Yes/No)	Production Rate (gpm)	Status (Idle/Run)	Current Operation (gpm)
****I-1	0%	600	0	0%	No	0	Idle	0
****I-2	0%	300	0	0%	No	0	Idle	0
****I-3	0%	600	0	0%	No	0	Idle	0
****I-4	0%	300	0	0%	No	0	Idle	0
I-5	100%	1,200	1,258	13%	Yes	1,258	Run	1,258
I-6	100%	350	365	4%	Yes	365	Run	365
*I-7	76%	1,200	180	2%	Yes	180	Run	180
I-8	100%	900	837	8%	Yes	837	Run	837
I-9	100%	1,200	1,171	12%	Yes	1,171	Run	1,171
I-10	100%	1,200	1,242	13%	Yes	1,242	Run	1,242
I-11	100%	1,200	1,110	11%	Yes	1,110	Run	1,110
*I-13	79%	2,000	1,077	11%	Yes	1,077	Run	1,077
****I-14	0%	2,200	0	0%	No	0	Idle	0
I-15	94%	2,000	1,891	19%	Yes	1,891	Run	1,891
I-16	100%	250	174	2%	Yes	174	Run	174
****I-17	0%	200	0	0%	No	0	Idle	0
I-20	100%	400	394	4%	Yes	394	Run	394
I-21	100%	400	229	2%	Yes	229	Run	229
gpm	Total	16,500	9,928	100%	100%	9,928	100%	9,928
MGD		23.76	14.30			14.30		14.30

**Primary RO Treatment**

Train	Recovery Rate	Production (gpm)	(MGD)
1	79.0%	1,241	1.79
2	79.0%	1,241	1.79
3	79.0%	1,241	1.79
4	79.0%	1,241	1.79
5	79.0%	1,241	1.79
		6,205	8.94

**Ion Exchange Treatment**

Train	(gpm)	(MGD)
1	449	0.65
2	449	0.65
3	449	0.65
4	449	0.65
	1,796	2.59

**VOC Bypass**

Production (gpm)	(MGD)
0	0.00

**Brine Flow**

Production (gpm)	(MGD)
1,625	2.34

**Summary of Activities**

**3/16-** Found damaged air-vac on Kimball/Euclid. Air-vac isolated and removed.

**3/17-** Brine Saturator Tank #1 cleaned.

**3/19-** Repaired leaks on Chlorine pump #4.

**3/21-** NRV-4 Subsurface wash valve actuator replaced with new Rotork Valve

**3/22-** Brine Tank #2 cleaning started, Plant wells 5-21 calibrated.

**3/23-** Repairs made to collector piping in Brine Tank #2.

**3/29-** Contractor onsite to troubleshoot JCSD flow meter erratic reads, Vibration testing performed on End User Booster #6. Allocations adjusted.

**4/5-** Quarterly PFAS samples taken at plant and well sites.

**Plant Efficiency**

	Flow in (gpm)	Flow Out (MGD)
Wells	9,928	14.30
Brine	-1625	-2.34
	8,303	11.96

**Plant Production**

All Treatment Trains	(gpm)	(MGD)
Primary RO	6,205	8.94
Ion Exchange	1,796	2.59
Raw Bypass	0	0.00
	8,001	11.52

\* Air Problem

\*\* Sand Problem

\*\*\*Cooling Problem

\*\*\*\*Out of Service





# **Technical Advisory Committee Meeting**

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## **Agenda Item**

### **No. 3**

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# Chino II Desalter Treatment Plant Operations

Summary of Activities  
March 16, 2022 to April 5 ,2022

## Well Field

Well Name	VFD Speed	Original Design Rate (gpm)	Current Production Rate (gpm)	Percent of Production	Operational (Yes/No)	Production Rate (gpm)	Status (Idle/Run)	Current Operation (gpm)
II-1	100%	2,000	1,547	8%	Yes	1,500	Run	1,568
II-2	Fixed	2,000	1,522	8%	Yes	1,750	Run	1,554
II-3	Fixed	2,000	1,801	10%	Yes	2,000	Run	1,827
II-4	100%	2,000	1,576	8%	No	1,700	Idle	0
II-6	100%	2,000	1,372	7%	Yes	1,500	Run	1,390
II-7	100%	1,200	791	4%	Yes	1,000	Run	869
II-8	Fixed	1,500	1,045	6%	No	1,200	Idle	0
II-9	Fixed	2,000	1,562	8%	Yes	1,750	Run	1,575
II-10	97%	3,700	2,822	15%	Yes	3,200	Run	2,826
II-11	97%	3,300	2,833	15%	Yes	3,200	Run	2,860
II-12	85%	2,000	1,883	10%	Yes	1,600	Run	1,888
gpm	Total	23,700	18,754	100%	109%	20,400	87%	16,357
MGD		34.13	27.01			29.38		23.55

## Primary RO Treatment

Train	Recovery Rate	Production (gpm)	(MGD)
1	83.5%	1,390	2.00
2	83.5%	1,390	2.00
3	83.5%	1,390	2.00
4	83.5%	2,250	3.24
5	83.5%	2,250	3.24
		8,670	12.48

## Ion Exchange Treatment

NRV			NRV		
	(gpm)	(MGD)		(gpm)	(MGD)
1	617	0.89	5	612	0.88
2	615	0.89	6	613	0.88
3	619	0.89	7	0	0.00
4	0	0.00	8	0	0.00
				3,076	4.43

## Raw Bypass

Production	
(gpm)	(MGD)
2,809	4.04

## Brine Flow

Production	
(gpm)	(MGD)
735	1.06

## Secondary RO Treatment

Train	Recovery Rate	Production (gpm)	(MGD)
1	70.0%	480	0.69
2	70.0%	480	0.69
3	70.0%	0	0.00
		960	1.38

## Plant Efficiency

Flow in Vs. Flow Out		
	(gpm)	(MGD)
Wells	16,357	23.55
Brine	-735	-1.06
	15,622	22.50
	95.5%	

## Plant Production

All Treatment Trains		
	(gpm)	(MGD)
Primary RO	8,670	12.48
Ion Exchange	3,076	4.43
Raw Bypass	2,809	4.04
Secondary RO	960	1.38
	15,515	22.3

## Summary of Activities

- \* Daily Plant Rounds/Weekly Samples
- \* Weekly Calibrations
- \* 3/28/22 Chino II Performed Annual Maintenance Clean Out of Brine Saturator Tank # 1
- \* 4/4/22 Chino II Replaced 8" Backwash Valve for Nitrate Vessel # 5
- \* 4/4/22 Chino II Coordinated with General Pump for RO Train # 4 Feed Motor Swap
- \* 3/23/22 CRF Replaced Mechanical seal on Waste Wash Pump #1
- \* 3/23/2022 CRF Caustic Soda leak repairs on Pumps to Clarifiers



# **Technical Advisory Committee Meeting**

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## **Agenda Item**

### **No. 4**

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## FY 2021/22 CDA (Chino I and Chino II) Water Deliveries (Draft)

Month	Chino	Chino Hills	JCSD	Norco	Ontario	SARWC	Western MWD	Total
Jul-21	468.277	392.249	1,099.665	93.028	774.910	111.395	328.058	<b>3,267.582</b>
Aug-21	435.578	362.918	1,006.008	86.648	749.330	104.004	306.291	<b>3,050.777</b>
Sep-21	445.261	369.010	1,010.849	90.256	785.650	106.231	308.850	<b>3,116.107</b>
Oct-21	451.102	377.695	1,083.275	95.961	809.200	110.983	327.287	<b>3,255.503</b>
Nov-21	434.756	364.486	1,029.274	92.714	777.850	106.500	318.430	<b>3,124.010</b>
Dec-21	390.214	307.134	993.505	90.656	776.663	100.000	265.524	<b>2,923.696</b>
Jan-22	429.756	363.519	984.728	88.912	751.486	100.740	235.905	<b>2,955.046</b>
Feb-22	299.627	250.960	787.496	66.100	572.432	77.615	222.490	<b>2,276.720</b>
Mar-22	438.888	369.163	1,059.890	91.522	791.512	106.163	256.989	<b>3,114.127</b>
Apr-22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	<b>0.000</b>
May-22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	<b>0.000</b>
Jun-22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	<b>0.000</b>
<b>Total FY 21/22 Deliveries</b>	<b>3,793.459</b>	<b>3,157.134</b>	<b>9,054.690</b>	<b>795.797</b>	<b>6,789.033</b>	<b>923.631</b>	<b>2,569.824</b>	<b>27,083.568</b>
<b>Contract Entitlement</b>								
Annual (AF/YR)	5,000.0	4,200.0	11,733.0	1,000.0	8,533.0	1,200.0	3,534.0	35,200
Monthly (AF)	416.7	350.0	977.8	83.3	711.1	100.0	294.5	2,933.3
Delivered through March 2022 (AF)	<b>3,793.5</b>	<b>3,157.1</b>	<b>9,054.7</b>	<b>795.8</b>	<b>6,789.0</b>	<b>923.6</b>	<b>2,569.8</b>	<b>27,083.6</b>
	<b>101.2%</b>	<b>100.2%</b>	<b>102.9%</b>	<b>106.1%</b>	<b>106.1%</b>	<b>102.6%</b>	<b>97.0%</b>	<b>102.6%</b>

**Notes:**

1. Actual deliveries to date are shaded.

**Water Deliveries Through**

**Mar-22**

Submitted By:

Tom O'Neill, General Manager/CEO

Date

Approved By:

CDA Technical Advisory Committee

Approved On:



# **Technical Advisory Committee Meeting**

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## **Agenda Item**

### **No. 5**

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	A	B	C	E	F	G	H	I	J	K							
1	<b>CDA FY2022/23 Budget - Administration</b>								<b>Exhibit B</b>								
2	Adopted by the Chino Basin Desalter Board of Directors May xx, 2022																
3	<b>DRAFT</b>																
4											<b>FY2021/22</b>			<b>FY2021/22</b>	<b>FY2022/23</b>	<b>\$ Change</b>	<b>% Change</b>
5											<b>YTD - 12/31/2021</b>	<b>% of Use</b>	<b>Projected Actual</b>	<b>Adopted Budget</b>	<b>Adopted Budget</b>	<b>Proposed vs.</b>	<b>Proposed vs.</b>
6													<b>6 mo. avrg x 12 mo.</b>	<b>35,200 AF</b>	<b>35,200 AF</b>	<b>Adopted</b>	<b>Adopted</b>
7																	
8	<b>ADMINISTRATION BUDGET SUMMARY</b>																
9																	
10	<b>Total Material &amp; Supplies</b>			-	0.0%	-	-	-	-	0.0%							
11	<b>Total Professional &amp; Maintenance Services</b>			\$ 5,089.84	16.3%	\$ 420.00	\$ 31,300	\$ 31,300	\$ -	0.0%							
12	<b>Total Utilities</b>			11,877.97	40.8%	23,755.94	29,100	28,894	(206)	-0.7%							
13	<b>Total Non Employee</b>			8,400.00	46.7%	-	18,000	18,000	-	0.0%							
14	<b>Total Compensation</b>			249,544.57	36.3%	499,089.14	687,297	719,053	31,756	4.6%							
15	<b>Total Benefits</b>			93,005.43	38.3%	124,725.68	243,013	245,416	2,403	1.0%							
17	<b>Total Admin Exp</b>			255,058.41	80.7%	126,420.88	316,015	358,098	42,083	13.3%							
18	<b>Total Professional Fees</b>			26,612.75	16.0%	16,510.00	166,510	168,500	1,990	1.2%							
19	<b>Total Finance</b>			1,026,603.71	49.9%	2,053,207.42	2,058,039	1,913,363	(144,677)	-7.0%							
20	<b>Total Expenses</b>			\$ 1,676,192.68	47.2%	\$ 2,844,129.06	\$ 3,549,274	\$ 3,482,623	\$ (66,651)	-1.9%							
21																	
22	<b>Total Expenses Net of Bond Interest Expense</b>			\$ 654,186.43	-2.8%	\$ 800,116.56	\$ 1,505,260	\$ 1,584,111	\$ 78,851	5.2%							
23																	

	A	B	C	E	F	G	H	I	J	K
1	<b>CDA FY2022/23 Budget - Administration</b>								<b>Exhibit B</b>	
2	Adopted by the Chino Basin Desalter Board of Directors May xx, 2022									
3										
4	<b>DRAFT</b>									
5										
6		<b>YTD - 12/31/2021</b>	<b>% of Use</b>	<b>Projected Actual</b>	<b>Adopted Budget</b>	<b>Adopted Budget</b>	<b>Proposed vs. Adopted</b>	<b>Proposed vs. Adopted</b>		
7				<b>6 mo. avrg x 12 mo.</b>	<b>35,200 AF</b>	<b>35,200 AF</b>				
8										
25	<b>Expenses</b>									
48	<b>Professional &amp; Maintenance Services</b>									
49	5210	Contract Services Labor & Material	-	0.0%	-	-	-	-	0.0%	
50	5230	Professional Services Other	1,239.84	5.0%	-	25,000	25,000	-	0.0%	
51	5260	Security Services	210.00	50.0%	420.00	420	420	-	0.0%	
52	5261	Janitorial Services	3,640.00	61.9%	-	5,880	5,880	-	0.0%	
53	<b>Total Professional &amp; Maintenance Services</b>		<b>\$ 5,089.84</b>	<b>16.3%</b>	<b>\$ 420.00</b>	<b>\$ 31,300</b>	<b>\$ 31,300</b>	<b>\$ -</b>	<b>0.0%</b>	
54	<b>Utilities</b>									
55	5500	Electricity	3,042.65	51.6%	6,085.30	5,900	6,694	794	13.5%	
56	5510	Telephone/Network Communication Srvcs	8,235.32	37.4%	16,470.64	22,000	21,000	(1,000)	-4.5%	
57	5511	Cell Phone	600.00	50.0%	1,200.00	1,200	1,200	-	0.0%	
61	<b>Total Utilities</b>		<b>\$ 11,877.97</b>	<b>40.8%</b>	<b>\$ 23,755.94</b>	<b>\$ 29,100</b>	<b>\$ 28,894</b>	<b>\$ (206)</b>	<b>-0.7%</b>	
62	<b>Total Operations &amp; Maintenance</b>		<b>\$ 16,967.81</b>	<b>28.1%</b>	<b>\$ 24,175.94</b>	<b>\$ 60,400</b>	<b>\$ 60,194</b>	<b>\$ (206)</b>	<b>-0.3%</b>	
63	<b>Administration &amp; General</b>									
64	<b>Non Employee Compensation</b>									
65	6001	Directors' Fees	8,400.00	46.7%	-	18,000	18,000	-	0.0%	
66	<b>Total Non Employee Compensation</b>		<b>\$ 8,400.00</b>	<b>46.7%</b>	<b>\$ -</b>	<b>\$ 18,000</b>	<b>\$ 18,000</b>	<b>\$ -</b>	<b>0.0%</b>	
67	<b>Compensation</b>									
68	6010	Regular Wages	216,875.39	31.6%	433,750.78	687,297	719,053	31,756	4.6%	
69	6018	Internship Pay	-	0.0%	-	-	-	-	0.0%	
70	6019	Overtime Wages	-	0.0%	-	-	-	-	0.0%	
71	6020	Holiday Pay	12,472.92	0.0%	24,945.84	-	-	-	0.0%	
72	6030	Vacation Pay	11,182.52	0.0%	22,365.04	-	-	-	0.0%	
73	6040	Sick Pay	7,177.14	0.0%	14,354.28	-	-	-	0.0%	
74	6046	Paid Executive Leave	1,836.60	0.0%	3,673.20	-	-	-	0.0%	
75	6050	Accrued Leave Expense	-	0.0%	-	-	-	-	0.0%	
77	<b>Total Compensation</b>		<b>\$ 249,544.57</b>	<b>36.3%</b>	<b>\$ 499,089.14</b>	<b>\$ 687,297</b>	<b>\$ 719,053</b>	<b>\$ 31,756</b>	<b>4.6%</b>	
78	<b>Benefits</b>									
79	6200	Auto Allowance	3,441.37	49.2%	6,882.74	7,000	7,000	-	0.0%	
80	6210	Payroll Tax - Employer's Portion of FICA Medicare	3,783.40	38.6%	7,566.80	9,807	10,267	460	4.7%	
81	6211	Payroll Tax - State Other/SUI	-	0.0%	-	1,176	1,008	(168)	-14.3%	
82	6212	Payroll Tax Federal Other/FUTA	-	0.0%	-	-	-	-	0.0%	
83	6220	Insurance Costs - Health and Accidental	30,642.59	37.6%	-	81,452	81,452	-	0.0%	
84	6222	Insurance - Life to \$50K	148.33	30.9%	296.66	480	480	-	0.0%	
85	6223	Insurance - Life > \$50K	972.00	47.6%	1,944.00	2,044	2,044	-	0.0%	
86	6225	Workers' Compensation Insurance Premium	1,565.83	31.3%	3,131.66	5,000	5,000	-	0.0%	
87	6227	Retirement Benefits Paid by Employer	52,451.91	38.6%	104,903.82	136,054	138,165	2,111	1.6%	
88	<b>Total Benefits</b>		<b>\$ 93,005.43</b>	<b>38.3%</b>	<b>\$ 124,725.68</b>	<b>\$ 243,013</b>	<b>\$ 245,416</b>	<b>\$ 2,403</b>	<b>1.0%</b>	

	A	B	C	E	F	G	H	I	J	K
1	<b>CDA FY2022/23 Budget - Administration</b>								<b>Exhibit B</b>	
2	Adopted by the Chino Basin Desalter Board of Directors May xx, 2022									
3										
4	<b>DRAFT</b>									
5										
6		<b>YTD - 12/31/2021</b>	<b>% of Use</b>	<b>Projected Actual</b>	<b>Adopted Budget</b>	<b>Adopted Budget</b>	<b>Proposed vs. Adopted</b>	<b>Proposed vs. Adopted</b>		
7				<b>6 mo. avrg x 12 mo.</b>	<b>35,200 AF</b>	<b>35,200 AF</b>				
8										
93	<b>Administration Exp</b>									
94	6700	Office Supplies - General	2,712.38	38.7%	-	7,000	7,000	-	0.0%	
95	6705	Printing/Copying	1,379.05	46.0%	2,758.10	3,000	3,000	-	0.0%	
96	6706	Office Equipment Lease	2,920.65	51.2%	5,841.30	5,700	6,270	570	10.0%	
97	6707	Computer Equipment	3,291.40	65.8%	-	5,000	5,000	-	0.0%	
98	6708	IT Support	4,756.47	31.7%	9,512.94	15,000	15,000	-	0.0%	
99	6710	Postage and Delivery Charges	1,238.94	61.9%	2,477.88	2,000	2,500	500	25.0%	
100	6715	Computer S/W Subscrp and Lic Fees	<b>36,771.03</b>	<b>90.5%</b>	<b>73,542.06</b>	<b>40,615</b>	<b>47,628</b>	<b>7,013</b>	<b>17.3%</b>	
110										
111	6720	Meeting Expenses	1,216.74	121.7%	2,433.48	1,000	1,000	-	0.0%	
112	6721	Mileage Reimbursement	-	0.0%	-	1,700	1,700	-	0.0%	
113	6725	Registration Fees (Training)	870.00	14.5%	1,740.00	6,000	6,000	-	0.0%	
114	6726	Travel Costs	541.66	15.0%	1,083.32	3,600	3,600	-	0.0%	
115	6730	Professional Membership - Employees	-	0.0%	-	2,600	2,600	-	0.0%	
116	6731	Professional Membership - Agency Wide	18,608.99	93.0%	-	20,000	20,000	-	0.0%	
117	6735	Subscriptions and Publications	-	0.0%	-	500	500	-	0.0%	
118	6736	Advertising - Public Postings	-	0.0%	-	1,300	1,300	-	0.0%	
119	6741	Main Office Lease	13,515.90	38.6%	27,031.80	35,000	35,000	-	0.0%	
121	6780	Insurance - Liability	17,201.00	107.5%	-	16,000	20,000	4,000	25.0%	
122	6781	Insurance - Casualty and Property	150,034.20	100.0%	-	150,000	180,000	30,000	20.0%	
123	<b>Total Admin Exp</b>		<b>\$ 255,058.41</b>	<b>80.7%</b>	<b>\$ 126,420.88</b>	<b>\$ 316,015</b>	<b>\$ 358,098</b>	<b>\$ 42,083</b>	<b>13.3%</b>	
124	<b>Professional Fees</b>									
125	7100	External Audit Expense	16,510.00	100.0%	16,510.00	16,510	18,500	1,990	12.1%	
126	7110	Legal Expenses - General	10,102.75	6.7%	-	150,000	150,000	-	0.0%	
127	<b>Total Professional Fees</b>		<b>\$ 26,612.75</b>	<b>16.0%</b>	<b>\$ 16,510.00</b>	<b>\$ 166,510</b>	<b>\$ 168,500</b>	<b>\$ 1,990</b>	<b>1.2%</b>	



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1	<b>CDA FY2022/23 Budget - Administration</b>								<b>Exhibit B</b>											
2	Adopted by the Chino Basin Desalter Board of Directors May xx, 2022																			
3	DRAFT																			
4											<b>FY2021/22</b>			<b>FY2021/22</b>		<b>FY2022/23</b>		<b>\$ Change Proposed vs. Adopted</b>	<b>% Change Proposed vs. Adopted</b>	
5											<b>YTD - 12/31/2021</b>	<b>% of Use</b>	<b>Projected Actual</b>		<b>Adopted Budget</b>		<b>Adopted Budget</b>			
6													<b>6 mo. avg x 12 mo.</b>		<b>35,200 AF</b>		<b>35,200 AF</b>			
7																				
8																				
128											<b>Finance</b>									
129	7200	Bond Interest Expenses		1,022,006.25	50.0%	2,044,012.50	2,044,014	1,898,513	(145,502)	-7.1%										
131	7210	Bond Admin Fees		2,750.00	58.8%	5,500.00	4,675	5,500	825	17.6%										
132	7211	Financial Services		460.00	6.9%	920.00	6,650	6,650	-	0.0%										
133	7221	Bank Service Charges		1,387.46	51.4%	2,774.92	2,700	2,700	-	0.0%										
134	<b>Total Finance</b>			<b>\$ 1,026,603.71</b>	<b>49.9%</b>	<b>\$ 2,053,207.42</b>	<b>\$ 2,058,039</b>	<b>\$ 1,913,363</b>	<b>\$ (144,677)</b>	<b>-7.0%</b>										
138	<b>Total Administration &amp; General</b>			<b>\$ 1,659,224.87</b>	<b>47.6%</b>	<b>\$ 2,819,953.12</b>	<b>\$ 3,488,874</b>	<b>\$ 3,422,430</b>	<b>\$ (66,445)</b>	<b>-1.9%</b>										
139	<b>Total Expenses</b>			<b>\$ 1,676,192.68</b>	<b>47.2%</b>	<b>\$ 2,844,129.06</b>	<b>\$ 3,549,274</b>	<b>\$ 3,482,623</b>	<b>\$ (66,651)</b>	<b>-1.9%</b>										

	A	B	C	F	G	H	I	J	K	M	N								
1	<b>CDA FY2022/23 Budget - Chino I</b>									<b>Exhibit C</b>									
2	Adopted by the Chino Basin Desalter Board of Directors May xx, 2022																		
3	<b>DRAFT</b>																		
4												<b>FY2021/22</b>				<b>FY2021/22</b>	<b>FY2022/23</b>	<b>\$ Change</b>	<b>% Change</b>
5												<b>YTD - 12/31/2021</b>	<b>Vendor Detail</b>	<b>% of Use</b>	<b>Projected Actual</b>	<b>Adopted Budget</b>	<b>Proposed Budget</b>	<b>Proposed vs. Adopted</b>	<b>Proposed vs. Adopted</b>
6													<i>Vendor Detail</i>		<b>6 mo. avg x 12 mo.</b>	<b>12,600 AF</b>	<b>12,500 AF</b>		
7																			
8	<b>CHINO I BUDGET SUMMARY</b>																		
10	<b>Total Outside Labor</b>	\$ 681,310.17		47.6%	\$ 1,362,620.34	\$ 1,431,058	\$ 1,449,087	\$ 18,029	1.3%										
11	<b>Total Material &amp; Supplies</b>	187,313.60		45.8%	159,516.11	409,000	272,500	(136,500)	-33.4%										
12	<b>Total Professional &amp; Maintenance Services</b>	373,147.77		34.8%	746,295.54	1,072,500	1,119,800	47,300	4.4%										
13	<b>Total Chemicals</b>	660,912.34		48.1%	1,321,824.68	1,374,331	2,029,000	654,669	47.6%										
14	<b>Total Operating Fees</b>	607,863.52		40.5%	1,215,727.04	1,501,027	1,500,630	(397)	0.0%										
15	<b>Total Utilities</b>	1,747,190.32		60.5%	3,494,380.64	2,887,156	4,031,800	1,144,644	39.6%										
16	<b>Total Other Exp</b>	21,805.57		55.9%	1,970.57	39,000	35,884	(3,116)	-8.0%										
17	<b>Total Admin Exp</b>	1,342.83		19.6%	2,685.66	6,850	5,850	(1,000)	-14.6%										
18	<b>Total Expenses</b>	<b>\$ 4,280,886.12</b>		<b>49.1%</b>	<b>\$ 8,305,020.58</b>	<b>\$ 8,720,922</b>	<b>\$ 10,444,551</b>	<b>\$ 1,723,629</b>	<b>19.8%</b>										
19																			

	A	B	C	F	G	H	I	J	K	M	N
1	<b>CDA FY2022/23 Budget - Chino I</b>									<b>Exhibit C</b>	
2	Adopted by the Chino Basin Desalter Board of Directors May xx, 2022										
3											
4	<b>DRAFT</b>										
5					<b>FY2021/22</b>			<b>FY2021/22</b>	<b>FY2022/23</b>	<b>\$ Change</b>	<b>% Change</b>
6			<b>YTD - 12/31/2021</b>	<b>Vendor Detail</b>	<b>% of Use</b>	<b>Projected Actual</b>		<b>Adopted Budget</b>	<b>Proposed Budget</b>	<b>Proposed vs.</b>	<b>Proposed vs.</b>
7				<i>Vendor Detail</i>		<b>6 mo. avg x 12 mo.</b>		<b>12,600 AF</b>	<b>12,500 AF</b>	<b>Adopted</b>	<b>Adopted</b>
8											
20	<b>Expenses</b>										
21	<b>Operations &amp; Maintenance</b>										
22	<b>Outside Labor</b>										
23	5020	Contract Labor IEUA		669,369.19		48.5%	1,338,738.38	1,381,399	1,397,069	15,670	1.1%
24	5034	Contract Labor Admin IEUA		6,670.52		18.1%	13,341.04	36,819	39,080	2,261	6.1%
25	5022	Contract Labor Member Agencies		5,270.46		41.0%	10,540.92	12,840	12,938	98	0.8%
26	<b>Total Outside Labor</b>			<b>\$ 681,310.17</b>		<b>47.6%</b>	<b>\$ 1,362,620.34</b>	<b>\$ 1,431,058</b>	<b>\$ 1,449,087</b>	<b>\$ 18,029</b>	<b>1.3%</b>
27	<b>Materials &amp; Supplies</b>										
28	5110	Supplies General		59,270.98		28.7%	118,541.96	<b>206,500</b>	220,000	13,500	6.5%
61	5170	Equipment Less than \$5000		15.63		0.0%	31.26	-	-	-	0.0%
62	5175	Equip Lease/Rental		1,202.87		48.1%	2,405.74	2,500	2,500	-	0.0%
63	5180	Membrane Replacements		126,824.12		84.5%	<i>Jan Actual</i>	150,000	-	(150,000)	-100.0%
64	5185	Resin Replacements		-		0.0%	38,537.15	50,000	50,000	-	0.0%
66	<b>Total Material &amp; Supplies</b>			<b>\$ 187,313.60</b>		<b>45.8%</b>	<b>\$ 159,516.11</b>	<b>\$ 409,000</b>	<b>\$ 272,500</b>	<b>\$ (136,500)</b>	<b>-33.4%</b>

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1	<b>CDA FY2022/23 Budget - Chino I</b>								<b>Exhibit C</b>			
2	Adopted by the Chino Basin Desalter Board of Directors May xx, 2022											
3												
4	<b>DRAFT</b>											
5					<b>FY2021/22</b>				<b>FY2021/22</b>	<b>FY2022/23</b>	<b>\$ Change</b>	<b>% Change</b>
6					<b>YTD - 12/31/2021</b>	<b>Vendor Detail</b>	<b>% of Use</b>	<b>Projected Actual</b>	<b>Adopted Budget</b>	<b>Proposed Budget</b>	<b>Proposed vs. Adopted</b>	<b>Proposed vs. Adopted</b>
7						<i>Vendor Detail</i>		<b>6 mo. avg x 12 mo.</b>	<b>12,600 AF</b>	<b>12,500 AF</b>		
8												
67	<b>Professional &amp; Maintenance Services</b>											
68	5210	Contract Services Labor & Material			50,383.05		27.5%	100,766.10	183,000	213,800	30,800.00	16.8%
90												
91	5211	Contract Srvcs SCADA and Instrmntn Supprt			7,290.00		4.9%	14,580.00	150,000	150,000	-	0.0%
92	5212	Contract Services Plant Process Consultant			-		0.0%	-	25,000	-	(25,000.00)	-100.0%
93	5230	Professional Services Other			-		0.0%	-	10,000	50,000	40,000.00	400.0%
97	5240	Laboratory			113,417.05		45.4%	226,834.10	250,000	250,000	-	0.0%
101	5250	Computer/Network System Maintenance			-		0.0%	-	10,000	10,000	-	0.0%
102	5260	Security Services			9,687.52		51.5%	19,375.04	18,800	20,000	1,200.00	6.4%
105	5261	Janitorial Services			3,488.16		52.1%	6,976.32	6,700	7,000	300.00	4.5%
106	5262	Landscaping/Weed and Pest Control			7,450.00		39.2%	14,900.00	19,000	19,000	-	0.0%
107	5291	Pump Motor Well Repair & Maintenance			181,431.99		45.4%	362,863.98	400,000	400,000	-	0.0%
108	<b>Total Professional &amp; Maintenance Services</b>				<b>\$ 373,147.77</b>		<b>34.8%</b>	<b>\$ 746,295.54</b>	<b>\$ 1,072,500</b>	<b>\$ 1,119,800</b>	<b>\$ 47,300</b>	<b>4.4%</b>
109	<b>Chemicals</b>											
110	5310	Salt			400,206.20		45.2%	800,412.40	885,331	900,000	14,669	1.7%
111	5315	Lime			-		0.0%	-	-	-	-	0.0%
112	5320	Threshold Inhibitor - Anti Scalant			63,790.65		49.1%	127,581.30	130,000	160,000	30,000	23.1%
113	5325	Soda Ash			-		0.0%	-	-	-	-	0.0%
114	5330	Sodium Hydroxide (Caustic Soda)			66,616.71		47.6%	133,233.42	140,000	180,000	40,000	28.6%
115	5331	Sodium Hypochlorite			62.00		3.1%	124.00	2,000	6,000	4,000	200.0%
116	5335	Polymer			-		0.0%	-	-	-	-	0.0%
117	5340	Sulfuric Acid			119,781.70		67.7%	239,563.40	177,000	250,000	73,000	41.2%
118	5344	Magnesium Chloride			-		0.0%	-	-	-	-	0.0%
119	5345	Ferric Chloride			-		0.0%	-	-	-	-	0.0%
120	5350	Ammonia			5,098.50		34.0%	10,197.00	15,000	12,000	(3,000)	-20.0%
121	5355	Seed			-		0.0%	-	-	-	-	0.0%
122	5356	GAC Media (North and South GAC)			-		0.0%	-	-	496,000	496,000	0.0%
123	5390	Other Chemicals			5,356.58		21.4%	10,713.16	25,000	25,000	-	0.0%
124	<b>Total Chemicals</b>				<b>\$ 660,912.34</b>		<b>48.1%</b>	<b>\$ 1,321,824.68</b>	<b>\$ 1,374,331</b>	<b>\$ 2,029,000</b>	<b>\$ 654,669</b>	<b>47.6%</b>

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2	Adopted by the Chino Basin Desalter Board of Directors May xx, 2022											
3												
4	<b>DRAFT</b>											
5												
6												
7												
8												
125	<b>Operating Fees</b>			<b>FY2021/22</b>			<b>FY2021/22</b>	<b>FY2022/23</b>	<b>\$ Change</b>	<b>% Change</b>		
			<b>YTD - 12/31/2021</b>	<b>Vendor Detail</b>	<b>% of Use</b>	<b>Projected Actual</b>	<b>Adopted Budget</b>	<b>Proposed Budget</b>	<b>Proposed vs. Adopted</b>	<b>Proposed vs. Adopted</b>		
						<b>6 mo. avrg x 12 mo.</b>	<b>12,600 AF</b>	<b>12,500 AF</b>				
126	5410	Permits and Licenses	9,169.40		20.4%	18,338.80	45,000	30,000	(15,000)	-33.3%		
127	5420	Volumetric Fees Wastewater	420,996.35		48.2%	841,992.70	872,935	899,518	26,583	3.0%		
128	5430	Strength Charges BOD/COD	2,482.29		40.2%	4,964.58	6,180	5,200	(980)	-15.9%		
129	5435	Strength Charges TSS	(72,740.22)		-89.8%	(145,480.44)	81,000	70,000	(11,000)	-13.6%		
130	5445	Capacity Fees	247,955.70		50.0%	495,911.40	495,912	495,912	-	0.0%		
131	<b>Total Operating Fees</b>			<b>\$ 607,863.52</b>		<b>40.5%</b>	<b>\$ 1,215,727.04</b>	<b>\$ 1,501,027</b>	<b>\$ 1,500,630</b>	<b>\$ (397)</b>	<b>0.0%</b>	
132	<b>Utilities</b>											
133	5500	Electricity	1,732,096.57		60.8%	3,464,193.14	2,846,656	3,993,420	1,146,764	40.3%		
134	5510	Telephone/Network Communication Srvc	7,717.41		50.4%	15,434.82	15,300	16,180	880	5.8%		
135	5511	Cell Phone	-		0.0%	-	-	-	-	0.0%		
136	5520	Water	2,560.98		19.4%	5,121.96	13,200	10,000	(3,200)	-24.2%		
137	5530	Disposal Fees	1,894.92		31.6%	3,789.84	6,000	6,000	-	0.0%		
138	5590	Other Utilities	2,920.44		48.7%	5,840.88	6,000	6,200	200	3.3%		
140												
141	<b>Total Utilities</b>			<b>\$ 1,747,190.32</b>		<b>60.5%</b>	<b>\$ 3,494,380.64</b>	<b>\$ 2,887,156</b>	<b>\$ 4,031,800</b>	<b>\$ 1,144,644</b>	<b>39.6%</b>	
142	<b>Other Expenses</b>											
143	5900	Equip Lease/Rental	-		0.0%	-	-	-	-	0.0%		
144	5910	Property Tax Mello Roos	1,970.57		78.8%	1,970.57	2,500	2,500	-	0.0%		
145	5915	Computer S/W Subscrp and Lic Fees (prev GL6715)	19,835.00		54.3%	-	36,500	33,384	(3,116)	-8.5%		
154	<b>Total Other Exp</b>			<b>\$ 21,805.57</b>		<b>55.9%</b>	<b>\$ 1,970.57</b>	<b>\$ 39,000</b>	<b>\$ 35,884</b>	<b>\$ (3,116)</b>	<b>-8.0%</b>	
155	<b>Total Operations &amp; Maintenance</b>			<b>\$ 4,279,543.29</b>		<b>49.1%</b>	<b>\$ 8,302,334.92</b>	<b>\$ 8,714,072</b>	<b>\$ 10,438,701</b>	<b>\$ 1,724,629</b>	<b>19.8%</b>	
156	<b>Administration &amp; General</b>											
157	<b>Administration Exp</b>											
158	6700	Office Supplies - General	186.52		5.3%	373.04	3,500	3,000	(500)	-14.3%		
159	6705	Printing/Copying	42.77		12.2%	85.54	350	350	-	0.0%		
160	6706	Office Equipment Lease	1,113.54		37.1%	2,227.08	3,000	2,500	(500)	-16.7%		
161	<b>Total Admin Exp</b>			<b>\$ 1,342.83</b>		<b>19.6%</b>	<b>\$ 2,685.66</b>	<b>\$ 6,850</b>	<b>\$ 5,850</b>	<b>\$ (1,000)</b>	<b>-14.6%</b>	
162	<b>Total Administration &amp; General</b>			<b>\$ 1,342.83</b>		<b>19.6%</b>	<b>\$ 2,685.66</b>	<b>\$ 6,850</b>	<b>\$ 5,850</b>	<b>\$ (1,000)</b>	<b>-14.6%</b>	
163	<b>Total Expenses</b>			<b>\$ 4,280,886.12</b>		<b>49.1%</b>	<b>\$ 8,305,020.58</b>	<b>\$ 8,720,922</b>	<b>\$ 10,444,551</b>	<b>\$ 1,723,629</b>	<b>19.8%</b>	
164												

	A	B	C	F	G	H	I	J	K	M	N								
1	<b>CDA FY2022/23 Budget - Chino II</b>									<b>Exhibit C</b>									
2	Adopted by the Chino Basin Desalter Board of Directors May xx, 2022																		
3	DRAFT																		
4																			
5												FY2021/22				FY2021/22	FY2022/23	\$ Change	% Change
6												YTD - 12/31/2021	Vendor Detail	% of Use	Projected Actual	Adopted Budget	Proposed Budget	Proposed vs. Adopted	Proposed vs. Adopted
7													<i>Vendor Detail</i>		6 mo. avg x 12 mo.	22,600 AF	22,900 AF		
8																			
9												<b>CHINO II BUDGET SUMMARY</b>							
10	<b>Total Outside Labor</b>	\$	919,020.68		41.3%	\$	1,838,041.36	\$	2,226,853	\$	2,226,853	\$	-	0.0%					
11	<b>Total Material &amp; Supplies</b>		401,321.65		44.1%		456,271.23		910,000		803,500		(106,500)	-11.7%					
12	<b>Total Professional &amp; Maintenance Services</b>		548,038.26		32.7%		1,024,679.91		1,677,670		1,672,422		(5,248)	-0.3%					
13	<b>Total Chemicals</b>		2,298,519.90		38.7%		4,471,812.44		5,935,740		5,681,400		(254,340)	-4.3%					
14	<b>Total Operating Fees</b>		382,372.55		43.4%		724,072.70		880,377		880,377		-	0.0%					
15	<b>Total Utilities</b>		3,616,424.28		62.5%		7,232,848.56		5,786,190		7,964,300		2,178,110	37.6%					
16	<b>Total Other Exp</b>		-		0.0%		-		17,000		17,000		-	0.0%					
17	<b>Total Admin Exp</b>		1,617.24		16.2%		2,400.82		10,000		9,500		(500)	-5.0%					
18	<b>Total Expenses</b>	\$	<b>8,167,314.56</b>		<b>46.8%</b>	\$	<b>15,750,127.02</b>	\$	<b>17,443,830</b>	\$	<b>19,255,352</b>	\$	<b>1,811,522</b>	<b>10.4%</b>					
19																			

	A	B	C	F	G	H	I	J	K	M	N
1	<b>CDA FY2022/23 Budget - Chino II</b>										Exhibit C
2	Adopted by the Chino Basin Desalter Board of Directors May xx, 2022										
3											
4	<b>DRAFT</b>										
5											
6	<b>YTD - 12/31/2021</b>	<b>Vendor Detail</b>	<b>% of Use</b>	<b>Projected Actual</b>	<b>Adopted Budget</b>	<b>Proposed Budget</b>	<b>Proposed vs. Adopted</b>	<b>Proposed vs. Adopted</b>			
7		<i>Vendor Detail</i>		<b>6 mo. avrg x 12 mo.</b>	<b>22,600 AF</b>	<b>22,900 AF</b>					
8											
20	<b>Expenses</b>										
21	<b>Operations &amp; Maintenance</b>										
22	<b>Outside Labor</b>										
23											
24	5021	Contract Labor JCSD	919,020.68	41.9%	1,838,041.36	2,195,303	2,195,303	-	0.0%		
25	5039	Contract Labor Admin JCSD	-	0.0%	-	31,550	31,550	-	0.0%		
26	5022	Contract Labor Member Agencies	-	0.0%	-	-	-	-	0.0%		
27	<b>Total Outside Labor</b>		<b>\$ 919,020.68</b>	<b>41.3%</b>	<b>\$ 1,838,041.36</b>	<b>\$ 2,226,853</b>	<b>\$ 2,226,853</b>	<b>\$ -</b>	<b>0.0%</b>		
28	<b>Materials &amp; Supplies</b>										
29	5110	Supplies General	138,563.65	48.6%	277,127.30	<b>285,000</b>	<b>285,500</b>	500	0.2%		
61	5170	Equipment Less than \$5000	-	0.0%	-	-	-	-	0.0%		
62	5175	Equip Lease/Rental	-	0.0%	-	10,000	10,000	-	0.0%		
63	5180	Membrane Replacements	262,758.00	63.3%	-	415,000	458,000	43,000	10.4%		
64	5185	Resin Replacements	-	0.0%	179,143.93	200,000	50,000	(150,000)	-75.0%		
65	5190	Other Materials and Supplies	-	0.0%	<i>Jan actual</i>	-	-	-	0.0%		
66	<b>Total Material &amp; Supplies</b>		<b>\$ 401,321.65</b>	<b>44.1%</b>	<b>\$ 456,271.23</b>	<b>\$ 910,000</b>	<b>\$ 803,500</b>	<b>\$ (106,500)</b>	<b>-11.7%</b>		

	A	B	C	F	G	H	I	J	K	M	N
1	<b>CDA FY2022/23 Budget - Chino II</b>										Exhibit C
2	Adopted by the Chino Basin Desalter Board of Directors May xx, 2022										
3											
4	<b>DRAFT</b>										
5											
6	<b>YTD - 12/31/2021</b>	<b>Vendor Detail</b>	<b>% of Use</b>	<b>Projected Actual</b>	<b>Adopted Budget</b>	<b>Proposed Budget</b>	<b>Proposed vs. Adopted</b>	<b>Proposed vs. Adopted</b>			
7		<i>Vendor Detail</i>		<b>6 mo. avg x 12 mo.</b>	<b>22,600 AF</b>	<b>22,900 AF</b>					
8											
67	<b>Professional &amp; Maintenance Services</b>										
68	5210	Contract Services Labor & Material	129,211.65	44.8%	258,423.30	<b>288,500</b>	<b>325,000</b>	36,500	12.7%		
92	5211	Contract Srvc SCADA and Instrmntn Supprt	19,800.00	9.9%	-	200,000	200,000	-	0.0%		
93	5212	Contract Services Plant Process Consultant	-	0.0%	-	20,000	-	(20,000)	-100.0%		
94	5230	Professional Services Other	26,320.00	17.5%	52,640.00	<b>150,000</b>	<b>200,000</b>	50,000	33.3%		
104	5240	Laboratory	101,873.30	34.0%	203,746.60	300,000	250,000	(50,000)	-16.7%		
109	5250	Computer/Network System Maintenance	-	0.0%	-	37,000	37,500	500	1.4%		
110	5260	Security Services	7,100.00	53.4%	14,200.00	13,300	15,338	2,038	15.3%		
113	5261	Janitorial Services	5,910.00	16.9%	11,820.00	<b>35,040</b>	<b>38,203</b>	3,163	9.0%		
118	5262	Landscaping/Weed and Pest Control	900.00	47.4%	1,800.00	1,900	2,040	140	7.4%		
119	5291	Pump Motor Well Repair & Maintenance	225,126.70	37.5%	450,253.40	600,000	600,000	-	0.0%		
120	5295	JCSD Transportation Fees	31,796.61	99.6%	31,796.61	31,930	34,341	2,411	7.6%		
121	<b>Total Professional &amp; Maintenance Services</b>		<b>\$ 548,038.26</b>	<b>32.7%</b>	<b>\$ 1,024,679.91</b>	<b>\$ 1,677,670</b>	<b>\$ 1,672,422</b>	<b>\$ (5,248)</b>	<b>-0.3%</b>		
122	<b>Chemicals</b>										
123	5310	Salt	266,361.94	45.5%	532,723.88	585,540	600,000	14,460	2.5%		
124	5315	Lime	262,996.50	58.4%	525,993.00	450,000	600,000	150,000	33.3%		
125	5320	Threshold Inhibitor - Anti Scalant	38,989.50	15.6%	77,979.00	250,000	150,000	(100,000)	-40.0%		
126	5325	Soda Ash	226,701.97	15.3%	453,403.94	1,486,000	750,000	(736,000)	-49.5%		
127	5330	Sodium Hydroxide (Caustic Soda)	1,146,718.80	49.9%	2,293,437.60	2,300,000	2,700,000	400,000	17.4%		
128	5331	Sodium Hypochlorite	(3,107.22)	0.0%	(6,214.44)	-	-	-	0.0%		
129	5335	Polymer	92,573.64	61.3%	185,147.28	151,100	200,000	48,900	32.4%		
130	5340	Sulfuric Acid	186,053.47	55.0%	372,106.94	338,000	425,000	87,000	25.7%		
131	5344	Magnesium Chloride	9,764.24	21.0%	19,528.48	46,400	46,400	-	0.0%		
132	5345	Ferric Chloride	-	0.0%	-	-	-	-	0.0%		
133	5350	Ammonia	-	0.0%	-	-	-	-	0.0%		
134	5355	Seed	8,853.38	14.5%	17,706.76	61,000	40,000	(21,000)	-34.4%		
135	5390	Other Chemicals	62,613.68	23.4%	-	267,700	85,000	(182,700)	-68.2%		
136		Biocide					85,000				
137	<b>Total Chemicals</b>		<b>\$ 2,298,519.90</b>	<b>38.7%</b>	<b>\$ 4,471,812.44</b>	<b>\$ 5,935,740</b>	<b>\$ 5,681,400</b>	<b>\$ (254,340)</b>	<b>-4.3%</b>		



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3											
4	<h1>DRAFT</h1>										
5											
6		<b>YTD - 12/31/2021</b>	<i>Vendor Detail</i>	<b>% of Use</b>	<b>Projected Actual</b>	<b>Adopted Budget</b>	<b>Proposed Budget</b>	<b>Proposed vs. Adopted</b>	<b>Proposed vs. Adopted</b>		
7					<b>6 mo. avg x 12 mo.</b>	<b>22,600 AF</b>	<b>22,900 AF</b>				
8											
138	<b>Operating Fees</b>										
139	5410	Permits and Licenses	20,336.20		99.2%	-	20,500	21,000	500	2.4%	
140	5420	Volumetric Fees Wastewater	200,891.20		46.2%	<b>401,782.40</b>	434,686	447,923	13,237	3.0%	
141	5430	Strength Charges BOD/COD	1,694.94		70.6%	<b>3,389.88</b>	2,400	2,400	-	0.0%	
142	5435	Strength Charges TSS	(10,565.67)		-34.2%	<b>(21,131.34)</b>	30,900	17,163	(13,737)	-44.5%	
143	5445	Capacity Fees	170,015.88		43.4%	<b>340,031.76</b>	391,891	391,891	-	0.0%	
144	<b>Total Operating Fees</b>		<b>\$ 382,372.55</b>		<b>43.4%</b>	<b>\$ 724,072.70</b>	<b>\$ 880,377</b>	<b>\$ 880,377</b>	<b>\$ -</b>	<b>0.0%</b>	
145	<b>Utilities</b>										
146	5500	Electricity	3,267,867.26		63.3%	6,535,734.52	5,158,650	7,236,400	2,077,750	40.3%	
147	5510	Telephone/Network Communication Svcs	3,368.63		9.1%	6,737.26	37,000	37,000	-	0.0%	
148	5511	Cell Phone	671.69		16.8%	1,343.38	4,000	4,000	-	0.0%	
149	5520	Water	4,408.90		36.7%	8,817.80	12,000	12,000	-	0.0%	
150	5530	Disposal Fees	1,284.50		19.6%	2,569.00	6,540	6,540	-	0.0%	
151	5531	Solids Disposal (sludge)	306,423.30		59.2%	612,846.60	518,000	603,560	85,560	16.5%	
153	5532	Pellet Disposal	32,400.00		64.8%	64,800.00	50,000	64,800	14,800	29.6%	
155	<b>Total Utilities</b>		<b>\$ 3,616,424.28</b>		<b>62.5%</b>	<b>\$ 7,232,848.56</b>	<b>\$ 5,786,190</b>	<b>\$ 7,964,300</b>	<b>\$ 2,178,110</b>	<b>37.6%</b>	
156	<b>Other Expenses</b>										
158	5910	Property Tax Mello Roos	\$ -		0.0%	\$ -	-	-	-	0.0%	
159	5915	Computer S/W Subscrp and Lic Fees (prev GL6715)	-		0.0%	-	17,000	17,000	-	0.0%	
165	<b>Total Other Exp</b>		<b>\$ -</b>		<b>0.0%</b>	<b>\$ -</b>	<b>\$ 17,000</b>	<b>\$ 17,000</b>	<b>\$ -</b>	<b>0.0%</b>	
166	<b>Total Operations &amp; Maintenance</b>		<b>\$ 8,165,697.32</b>		<b>46.8%</b>	<b>\$ 15,747,726.20</b>	<b>\$ 17,433,830</b>	<b>\$ 19,245,852</b>	<b>\$ 1,812,022</b>	<b>10.4%</b>	
167	<b>Administration &amp; General</b>										
168	<b>Administration Exp</b>										
169	6700	Office Supplies - General	416.83		13.9%	-	3,000	3,000	-	0.0%	
170	6705	Printing/Copying	86.87		8.7%	173.74	1,000	1,000	-	0.0%	
171	6706	Office Equipment Lease	1,113.54		37.1%	2,227.08	3,000	2,500	(500)	-16.7%	
172	6707	Computer Equipment	-		0.0%	-	3,000	3,000	-	0.0%	
174	<b>Total Admin Exp</b>		<b>\$ 1,617.24</b>		<b>16.2%</b>	<b>\$ 2,400.82</b>	<b>\$ 10,000</b>	<b>\$ 9,500</b>	<b>\$ (500)</b>	<b>-5.0%</b>	
175	<b>Total Administration &amp; General</b>		<b>\$ 1,617.24</b>		<b>16.2%</b>	<b>\$ 2,400.82</b>	<b>\$ 10,000</b>	<b>\$ 9,500</b>	<b>\$ (500)</b>	<b>-5.0%</b>	
176	<b>Total Expenses</b>		<b>\$ 8,167,314.56</b>		<b>46.8%</b>	<b>\$ 15,750,127.02</b>	<b>\$ 17,443,830</b>	<b>\$ 19,255,352</b>	<b>\$ 1,811,522</b>	<b>10.4%</b>	



# **Technical Advisory Committee Meeting**

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## **Agenda Item**

### **No. 7**

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**Chino Basin Desalter Authority**  
**Board Meeting Agenda Items**

<b>May 5, 2022 Board Meeting (Special)</b>		<b>TAC</b>	<b>Finance</b>
Resolution Proclaiming a Local Emergency Authorizing Remote Teleconference Meetings	O'Neill/CDA	-	-
TE Roberts Amendment	O'Neill/CDA	4/26/2022	4/28/2022
Budget Approval FY 2022/23	Chung/CDA	4/26/2022	4/28/2022
Retention of fiscal year 2020/21 surplus of reconciled costs and LRP funds	Chung/CDA	4/26/2022	4/28/2022

<b>June 2, 2022 Board Meeting (Special)</b>		<b>TAC</b>	<b>Finance</b>
Resolution Proclaiming a Local Emergency Authorizing Remote Teleconference Meetings	O'Neill/CDA	-	-
<b>Contract Renewals</b> Carollo - CRF Operations Support Hazen & Sawyer - On-Call Services Misc Engineering Support Aquasystec - CII SCADA Programming and Maintenance American Water Chemical - CIP Chemicals TE Roberts - Hydro-Vac Excavation and Solids Handling Eurofin - PFOA/PFOS Testing Supply of Granular Activated Carbon	O'Neill/CDA	5/10/2022	5/26/2022



# **Technical Advisory Committee Meeting**

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## **Agenda Item**

### **No. 8**

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# *Chino Basin Desalter Authority*

## TAC Meeting Agenda Items

### **April 26, 2022**

Meeting Minutes

Chino I Operations Report

Chino II / CRF Operations Report

TE Roberts Amendment

Budget Review FY 2022/23

Retention of fiscal year 2020/21 surplus of reconciled costs and LRP funds

Chino I GAC Update

### **May 10, 2022**

Meeting Minutes

Chino I Operations Report

Chino II / CRF Operations Report

Water Deliveries

#### Contract Renewals 2022/23

Carollo - CRF Operations Support

Hazen & Sawyer - On-Call Services Misc Engineering Support

Aquasystec - CII SCADA Programming and Maintenance

American Water Chemical - CIP Chemicals

TE Roberts - Hydro-Vac Excavation and Solids Handling

Eurofin - PFOA/PFOS Testing

Supply of Granular Activated Carbon

Chino I GAC Update