



Technical Advisory Committee Meeting

January 11, 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

January 11, 2022 • 1:30 p.m.

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Telephone: (669) 900-6833 Meeting ID: 874 5710 8844 Passcode: 567390

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. 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 DECEMBER 14, 2021 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 DELIVERY REPORT**
Report By: Thomas O'Neill, CDA General Manager
5. **COST OF LIVING ADJUSTMENT – CDA EMPLOYEES**
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 the Chino Basin Desalter Authority's main office, 3550 E. Philadelphia Street, Suite 170, Ontario, CA 91761 by January 7, 2022 at 1:30 p.m.



Casey Costa, Executive Assistant



Technical Advisory Committee Meeting

Agenda Item

No. 1

**CHINO BASIN DESALTER AUTHORITY
TECHNICAL ADVISORY COMMITTEE**

MINUTES

December 14, 2021 • 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
Bryan Smith, Jurupa Community Services District (Alternate)
Paul Ruge, Western Municipal Water District (Alternate)

Others Present:

Thomas O’Neill, CDA General Manager/CEO
Casey Costa, Executive Assistant
Michael Chung, CDA CFO/Treasurer
Jose Garcia, CDA Principal Accountant
Amanda Coker, City of Chino
Daniel Cardenas, Jurupa Community Services District
Todd Minton, Santa Ana River Water Company

PUBLIC COMMENT - There were no public comments.

ADDITIONS TO THE AGENDA – None

AGENDA ITEMS

| | |
|-----------|--|
| 1. | MINUTES OF NOVEMBER 9, 2021 TECHNICAL ADVISORY COMMITTEE MEETING Minutes were approved as presented. |
| 2. | CHINO I OPERATIONS REPORT Report By: Chris Waggener/Inland Empire Utilities Agency <ul style="list-style-type: none">• Plant Production Average – 11.11 MGD• 11/4 - IX Bag filters changed out• 11/5 - RO Train #5 new membranes arrived• 11/8 - RO Train #5 old membranes removed, IX influent and effluent meters calibrated. Pump efficiency and meter calibrations at wells 1,2,3,7,10 and 11. Installed 98 of 294 membranes into Train #5, remainder on 11/9.• 11/11 - RO Cartridge filters changed out on vessels 1,2,3 and 4.• 11/15 - RO Cartridge filters changed on vessel 5.• 11/23 - Old RO Train #5 membranes demolished.• 11/24 - PFAS resample taken at RO combined Permeate and Product Water |

| | |
|------------------|--|
| | <ul style="list-style-type: none"> • 11/25 - Reduced flows due to 29-hour power outage at Well #1-5. • 11/26 - Restarted Well I-5 and placed RO Train #5 back online. • 11/27- RO Train #5 Interstage Booster Low PSI alarm/interlock failed causing the train to shut down. Bypassed the interlock to start train and resume normal deliveries. • 11/29 - RO Train #5 I/O card fuse found to be bad. Fuse replaced and Interstage Low PSI interlock no longer being bypassed. RO Train #5 old membranes disposed of. • 11/30- Decarbonator efficiency samples taken. South garage foundation demolished. • 12/1- Well I-11 running in "Hand" mode due to communication failure between VFD and PLC. • 12/5- End User A/C failed, temporary units placed online. • 12/6- Contractor onsite at Well I-14 for chemical cleaning. End User A/C Repaired. (Bad fan motor) |
| <p>3.</p> | <p>CHINO II OPERATIONS REPORT/CRF OPERATIONAL UPDATE Report By: Daniel Cardenas/Jurupa Community Services District</p> <ul style="list-style-type: none"> • Plant Production Average – 22.7 MGD • 11/15/21 - Increased Well 12 Flow Setpoint to 2000 gpm. • 11/18/21 - Pump Check performed efficiency testing on transfer pump station and product water pumps. • 11/18/21 - Ion Exchange Waste line hydro jetted to remove scale build up. • 12/07/21 - RO Membrane changeout for Stage 2 of RO # 4. <p><u>CRF Update</u></p> <ul style="list-style-type: none"> • 11/09/21 - Repaired Flushing Ring Pump for CRF Clarifier # 2. • 11/15/21 - 11/18/21 - Performed high and low pH chemical cleaning on SRO # 2 • 11/19/21 - Fairbanks Scale began repairs on Pellet Scale HMI • 12/1/21 - General Pump Replaced Leaking Mechanical Seal on SRO # 2 • 12/2/21 CRF - Complete Membrane Change Out on SRO # 3 |
| <p>4.</p> | <p>WATER DELIVERY REPORT Report By: Thomas O’Neill, CDA General Manager</p> <p>General Manage O’Neill reported water deliveries at approximately 108% of entitlement.</p> |
| <p>5.</p> | <p>AMENDMENT NO. 1 TO AGREEMENT WITH TE ROBERTS, INC. FOR ENVIRONMENTAL CLEANUP SERVICES AND SOLIDS HANDLING SUPPORT Report By: Thomas O’Neill, CDA General Manager</p> <p>General Manager O’Neill reviewed the recommendation to approve Amendment No. 1 to the Maintenance Services Agreement with TE Roberts, Inc. for Environmental Cleanup Services and Solids Handling Support in the not-to-exceed amount of \$50,000.</p> <p>CDA entered into a Maintenance Service Agreement with TE Roberts, Inc. to vacuum and dispose of pellets generated by the Concentrate Reduction Pellet Reactor during</p> |

| | |
|----|--|
| | <p>maintenance periods. Past practices used by TE Roberts' competitors was to vactor the pellets from the pellet reactors and dewater onsite at the Chino II Desalter, then return for the dewatered loads to transport to the landfill. TE Roberts' trucks eliminate the need to dewater onsite and transport the load directly to the landfill, resulting in a more efficient and cost-effective process.</p> <p>The hourly rate charged by TE Roberts is \$276.94/hour for a high capacity vactor with (1) Operator, without additional charges for travel time, plus actual landfill costs plus 10%. In fiscal year 2021/22, landfill costs alone have consumed 40% of the contract amount. In anticipation of the winter shutdown of the Concentrate Reduction Facility for preventative maintenance and to allow for potential or unexpected expenditures, staff recommends that the agreement be amended for an additional not-to-exceed amount of \$50,000 for a new not-to-exceed total of \$100,000. There were no objections to moving the item forward to the Finance Committee for review.</p> |
| 6. | <p>CONTRACTOR SELECTION FOR ON-CALL GENERAL CONTRACTOR SERVICES FOR EMERGENCY CONSTRUCTION AND BUDGETED CAPITAL IMPROVEMENTS PROJECTS Report By: Thomas O'Neill, CDA General Manager</p> <p>General Manager O'Neill reviewed the recommendation to approve selection of five Contractors, SRK Engineering, Ferreira Coastal Construction Company, TE Roberts, Metro Builders and Engineers Group, and Schuler Constructors, for on-call general contractor services for capital improvement projects and emergency repairs and authorize the General Manager/CEO to utilize the On-Call list to solicit bids for emergency repairs and budgeted CIP construction contracts for Fiscal Years 2021/22 through 2023/24. The key planned CIP projects expected to be bid under this on-call listing for FY 2021/22 include RO Train Upgrades, Chlorine Tank Replacement, Chlorine Pump Skid Replacement, and expansion of the Chino II-1 Well Site. Key projects for future fiscal years will be approved by the Board through the CIP budget process.</p> <p>On November 3, 2021, CDA posted a Request for Qualifications from qualified construction firms for on-call general contractor services and 29 vendors registered on Planet Bids as prospective bidders. Statements of Qualifications (SOQ) were due on December 2, 2021 and ten SOQs were received.</p> <p>The SOQs were reviewed for compliance with the requirements of the RFQ and rated based upon ability and readiness to do the work, relevant project experience including on-call construction services, and project team. There were no objections to moving the item forward to the Finance Committee for review.</p> |
| 7. | <p>SOUTH ARCHIBALD PLUME UPDATE Report By: Thomas O'Neill, CDA General Manager/CEO</p> <p>General Manager O'Neill reported that all project components are complete and there will be no future TAC updates on this project.</p> |
| 8. | <p>CHINO I GAC UPDATE Report By: Cindy Miller, Hazen & Sawyer Program Manager</p> |

| | |
|-----|---|
| | <ul style="list-style-type: none">• Contractor is doing some tie-ins while plant is down.• Pipeline across Kimball Avenue has been completed.• Demo work is being performed in preparation of construction of treatment facilities. |
| 9. | BOARD MEETING AGENDA ITEMS REVIEW Report By: Thomas O’Neill, CDA General Manager/CEO General Manager O’Neill reviewed upcoming Board Items. |
| 10. | NEW BUSINESS/FUTURE TECHNICAL ADVISORY AGENDA ITEMS REVIEW Report By: Thomas O’Neill, CDA General Manager/CEO General Manager O’Neill reviewed upcoming TAC Items. |

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

Agenda Item

No. 2



Chino I Desalter Treatment Plant Operations

Summary of Activities
December 7th, 2021 to January 1st, 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) |
|-----------|-----------|----------------------------|-------------------------------|-----------------------|----------------------|-----------------------|-------------------|-------------------------|
| **** -1 | 0% | 600 | 0 | 0% | No | 0 | Idle | 0 |
| **** -2 | 0% | 300 | 0 | 0% | No | 0 | Idle | 0 |
| **** -3 | 0% | 600 | 0 | 0% | No | 0 | Idle | 0 |
| **** -4 | 0% | 300 | 0 | 0% | No | 0 | Idle | 0 |
| I-5 | 90% | 1,200 | 914 | 11% | Yes | 914 | Run | 914 |
| I-6 | 96% | 350 | 312 | 4% | Yes | 312 | Run | 312 |
| * -7 | 73% | 1,200 | 166 | 2% | Yes | 166 | Run | 166 |
| I-8 | 91% | 900 | 645 | 8% | Yes | 645 | Run | 645 |
| I-9 | 94% | 1,200 | 941 | 12% | Yes | 941 | Run | 941 |
| I-10 | 87% | 1,200 | 910 | 11% | Yes | 910 | Run | 910 |
| I-11 | 95% | 1,200 | 935 | 11% | Yes | 935 | Run | 935 |
| * -13 | 74% | 2,000 | 854 | 10% | Yes | 854 | Run | 854 |
| **** -14 | 0% | 2,200 | 0 | 0% | No | 0 | Idle | 0 |
| I-15 | 91% | 2,000 | 1,828 | 22% | Yes | 1,828 | Run | 1,828 |
| I-16 | 83% | 250 | 138 | 2% | Yes | 138 | Run | 138 |
| **** -17 | 0% | 200 | 0 | 0% | No | 0 | Idle | 0 |
| I-20 | 96% | 400 | 335 | 4% | Yes | 335 | Run | 335 |
| I-21 | 92% | 400 | 185 | 2% | Yes | 185 | Run | 185 |
| gpm | Total | 16,500 | 8,163 | 100% | 100% | 8,163 | 100% | 8,163 |
| MGD | | 23.76 | 11.75 | | | 11.75 | | 11.75 |

Primary RO Treatment

| Train | Recovery Rate | Production (gpm) | (MGD) |
|-------|---------------|------------------|-------|
| 1 | 79.0% | 957 | 1.38 |
| 2 | 79.0% | 957 | 1.38 |
| 3 | 79.0% | 957 | 1.38 |
| 4 | 79.0% | 957 | 1.38 |
| 5 | 79.0% | 957 | 1.38 |
| | | 4,785 | 6.89 |

Ion Exchange Treatment

| Train | (gpm) | (MGD) |
|-------|-------|-------|
| 1 | 314 | 0.45 |
| 2 | 314 | 0.45 |
| 3 | 314 | 0.45 |
| 4 | 314 | 0.45 |
| | 1,256 | 1.81 |

VOC Bypass

| Production (gpm) | (MGD) |
|------------------|-------|
| 0 | 0.00 |

Brine Flow

| Production (gpm) | (MGD) |
|------------------|-------|
| 1,368 | 1.97 |

Summary of Activities

12/13-12/17- Winter Maintenance

Shutdown: SCADA Wonderware platform system update, 2 Tie-ins, one for South GAC system and one for Backwash return water, Flash mixer injector cleaned, chemical injectors cleaned, Chlorine discharge piping replaced, all pressure transmitters tested/calibrated, IX Softener Brine inlet line replaced, IX Softener system effluent Cla-Val rebuilt, 12kV system inspection/testing, Brine line inspection/cleaning, Breakers/VFD connections inspected/tightened, Brine Holding tanks drained and cleaned, Water Softeners resin inspected and sampled, IX Effluent reducer replaced

12/17- Plant Startup, troubleshot a number of SCADA issues including flow meters not reading and CL2 analyzer 4-20mA scaling incorrect. Chlorine generator failed due to stuck float and bad rupture disk.

Plant Efficiency

| | Flow in Vs. Flow Out | |
|-------|----------------------|-------|
| | (gpm) | (MGD) |
| Wells | 8,163 | 11.75 |
| Brine | -1368 | -1.97 |
| | 6,795 | 9.78 |

Plant Production

| | All Treatment Trains | |
|--------------|----------------------|-------|
| | (gpm) | (MGD) |
| Primary RO | 4,785 | 6.89 |
| Ion Exchange | 1,256 | 1.81 |
| Raw Bypass | 0 | 0.00 |
| | 6,041 | 8.70 |

* Air Problem
** Sand Problem
***Cooling Problem
****Out of Service

12/20- Rupture disk and new level sensor installed on CL2 generator, generator back in service.

12/31- Well I-14 isolation valve packing bolts and packing replaced.

1/2- Prepped pump skid and chemicals for Chlorine Generator Acid wash on 1/3/22.



Technical Advisory Committee Meeting

Agenda Item

No. 3



Chino II Desalter

Treatment Plant Operations

Summary of Activities
December 8, 2021 to January 4, 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 | 1,396 | 7% | Yes | 1,396 | Run | 1,507 |
| II-2 | Fixed | 2,000 | 1,435 | 8% | Yes | 1,435 | Run | 1,491 |
| II-3 | Fixed | 2,000 | 1,500 | 8% | No | 0 | Idle | 0 |
| II-4 | 100% | 2,000 | 1,576 | 8% | Yes | 1,576 | Run | 1,597 |
| II-6 | 100% | 2,000 | 1,460 | 8% | Yes | 1,460 | Run | 1,342 |
| II-7 | 100% | 1,200 | 829 | 4% | Yes | 829 | Run | 755 |
| II-8 | Fixed | 1,500 | 1,045 | 5% | No | 0 | Idle | 0 |
| II-9 | Fixed | 2,000 | 1,575 | 8% | Yes | 1,575 | Run | 1,468 |
| II-10 | 97% | 3,700 | 3,260 | 17% | Yes | 3,260 | Run | 2,845 |
| II-11 | 97% | 3,300 | 3,001 | 16% | Yes | 3,001 | Run | 2,657 |
| II-12 | 85% | 2,000 | 2,000 | 10% | yes | 2,000 | Run | 1,874 |
| gpm | Total | 23,700 | 19,077 | 100% | 87% | 16,532 | 81% | 15,536 |
| MGD | | 34.13 | 27.47 | | | 23.81 | | 22.37 |

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 | 529 | 0.76 | 5 | 0 | 0.00 |
| 2 | 0 | 0.00 | 6 | 522 | 0.75 |
| 3 | 527 | 0.76 | 7 | 0 | 0.00 |
| 4 | 519 | 0.75 | 8 | 527 | 0.76 |
| | | | | 2,624 | 3.78 |

Raw Bypass

| Production (gpm) | (MGD) |
|------------------|-------|
| 2,730 | 3.93 |

Brine Flow

| Production (gpm) | (MGD) |
|------------------|-------|
| 720 | 1.04 |

Secondary RO Treatment

| Train | Recovery Rate | Production (gpm) | (MGD) |
|-------|---------------|------------------|-------|
| 1 | 70.0% | 460 | 0.66 |
| 2 | 70.0% | 460 | 0.66 |
| 3 | 70.0% | 0 | 0.00 |
| | | 920 | 1.32 |

Plant Efficiency

| Flow in Vs. Flow Out (gpm) (MGD) | | |
|----------------------------------|--------|-------|
| Wells | 15,536 | 22.37 |
| Brine | -720 | -1.04 |
| | 14,816 | 21.34 |
| | 95.4% | |

Plant Production

| All Treatment Trains (gpm) (MGD) | | |
|----------------------------------|--------|-------|
| Primary RO | 8,670 | 12.48 |
| Ion Exchange | 2,624 | 3.78 |
| Raw Bypass | 2,730 | 3.93 |
| Secondary RO | 920 | 1.32 |
| | 14,944 | 21.5 |

Summary of Activities

- * Daily Plant Rounds/Weekly Samples
- * Weekly Calibrations
- * 12/8/21 - 12/10/21 Chino II - Completed membrane change out of RO Train # 1 and stage 2 of RO Train # 4
- * 12/15/21 Chino II - Well II-8 replaced main breaker
- * 12/21/21 Chino II - General Pump onstie to replace motors for RO Train # 3
- * 12/21/21 Chino II - Temporary 1010 zone shut down to repair leaking air vacs
- * 12/21/21 Chino II - Continued warranty work on OSCG addressing overheating cells
- * 1/1/22 Chino II - Cleared out plugged sulfuric acid pump
- * 12/11/21 CRF - Repaired leak on Permeate Utility Water Feed Line
- * 12/12/21 CRF - UPS Replaced for both CRF HMI's
- * 12/14/21 CRF - Clarifier # 1 Flushing ring pump failed. Temporary pump set up.
- * 12/28/21 CRF - Repairs made to pellet reactor Caustic Feed Line



Technical Advisory Committee Meeting

Agenda Item

No. 4

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 | 3,267.582 |
| Aug-21 | 435.578 | 362.918 | 1,006.008 | 86.648 | 749.330 | 104.004 | 306.291 | 3,050.777 |
| Sep-21 | 445.261 | 369.010 | 1,010.849 | 90.256 | 785.650 | 106.231 | 308.850 | 3,116.107 |
| Oct-21 | 451.102 | 377.695 | 1,083.275 | 95.961 | 809.200 | 110.983 | 327.287 | 3,255.503 |
| Nov-21 | 434.756 | 364.486 | 1,029.274 | 92.714 | 777.850 | 106.500 | 318.430 | 3,124.010 |
| Dec-21 | 390.214 | 307.134 | 993.505 | 90.656 | 776.663 | 100.000 | 265.524 | 2,923.696 |
| Jan-22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Feb-22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Mar-22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Apr-22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| May-22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Jun-22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total FY 21/22 Deliveries | 2,625.188 | 2,173.492 | 6,222.576 | 549.263 | 4,673.603 | 639.113 | 1,854.440 | 18,737.675 |
| Contract Entitlement | | | | | | | | |
| 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 December 2021 (AF) | 2,625.2 | 2,173.5 | 6,222.6 | 549.3 | 4,673.6 | 639.1 | 1,854.4 | 18,737.7 |
| | 105.0% | 103.5% | 106.1% | 109.9% | 109.5% | 106.5% | 104.9% | 106.5% |

Notes:

1. Actual deliveries to date are shaded.

Water Deliveries Through

Dec-21

Submitted By:

Tom O'Neill, General Manager/CEO

Date

Approved By:

CDA Technical Advisory Committee

Approved On:



Technical Advisory Committee Meeting

Agenda Item

No. 5



SUBJECT: COST OF LIVING ADJUSTMENT – CDA EMPLOYEES

RECOMMENDATION:

Staff recommends that the Board:

1. Approve a Cost-of-Living Adjustment (COLA) of 5% for CDA employees, with the exception of the General Manager/CEO, effective Pay Period 1 of 2022.
2. Consider the balance of the current Consumer Price Index increase of 8.1%, upon review of the 2023 COLA.

BACKGROUND:

The purpose of a Cost-of-Living Adjustment (COLA) is to keep employee salaries competitive to attract and retain qualified employees. As of 2017, the Board approved COLA’s commensurate with the percentage change to the Consumer Price Index (CPI), Riverside-San Bernardino-Ontario area issued by the Bureau of Labor Statistics (BLS) for the proceeding twelve (12) months ending in November.

The CPI increase issued by the BLS from November 2020 to November 2021 area was 8.1%. Staff’s recommendation is to approve a COLA of 5% for full-time and part-time CDA employees, with the exception of the General Manager/CEO, effective Pay Period 1. To keep pace with the current rising inflation, the remaining 3.1% shortfall will be considered when reviewing the COLA next year, based on the CPI changes from November 2021 to November 2022.

This item was reviewed/approved by the Technical Advisory Committee (TAC) on 1/11/2022 and the Finance Committee on 1/27/2022.

IMPACT ON BUDGET:

The total increase of labor cost for 2022 is approximately \$16,414. The adopted FY 2021/22 budget includes \$8,207 for the last six months of FY 2021/22.

Attachment: Bureau of Labor Statistics Report

Prepared by: Michael Chung, CFO/Treasurer

Board of Directors: Approved Continued Denied

CDA GM/CEO Acknowledgement: _____ **Date:** _____

Riverside-San Bernardino-Ontario, CA Economy at a Glance:

| Data Series | Back Data | June 2021 | July 2021 | Aug 2021 | Sept 2021 | Oct 2021 | Nov 2021 |
|--|-----------|-----------|-----------|----------|-----------|----------|-----------|
| Labor Force Data | | | | | | | |
| Civilian Labor Force ⁽¹⁾ | | 2,094.6 | 2,108.9 | 2,090.7 | 2,097.4 | 2,113.7 | 📄 2,124.3 |
| Employment ⁽¹⁾ | | 1,926.9 | 1,942.1 | 1,931.1 | 1,958.8 | 1,980.5 | 📄 2,008.8 |
| Unemployment ⁽¹⁾ | | 167.7 | 166.8 | 159.6 | 138.6 | 133.2 | 📄 115.5 |
| Unemployment Rate ⁽²⁾ | | 8.0 | 7.9 | 7.6 | 6.6 | 6.3 | 📄 5.4 |
| Nonfarm Wage and Salary Employment | | | | | | | |
| Total Nonfarm ⁽³⁾ | | 1,531.2 | 1,519.3 | 1,524.4 | 1,534.9 | 1,561.7 | 📄 1,577.4 |
| 12-month % change | | 5.5 | 5.6 | 4.5 | 4.2 | 3.9 | 📄 4.1 |
| Mining and Logging ⁽³⁾ | | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 📄 1.3 |
| 12-month % change | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 📄 0.0 |
| Construction ⁽³⁾ | | 110.5 | 109.0 | 108.0 | 109.6 | 111.5 | 📄 109.0 |
| 12-month % change | | 5.8 | 4.9 | 2.4 | 4.5 | 3.9 | 📄 1.0 |
| Manufacturing ⁽³⁾ | | 91.8 | 91.2 | 91.1 | 91.8 | 93.1 | 📄 93.6 |
| 12-month % change | | -3.4 | -2.3 | -1.7 | -0.8 | 1.9 | 📄 1.3 |
| Trade, Transportation, and Utilities ⁽³⁾ | | 426.5 | 430.8 | 430.9 | 436.8 | 443.0 | 📄 455.6 |
| 12-month % change | | 9.0 | 9.1 | 5.9 | 5.7 | 4.9 | 📄 4.4 |
| Information ⁽³⁾ | | 9.0 | 9.2 | 9.1 | 9.2 | 9.3 | 📄 9.3 |
| 12-month % change | | 3.4 | 5.7 | 5.8 | 7.0 | 6.9 | 📄 6.9 |
| Financial Activities ⁽³⁾ | | 42.4 | 42.2 | 42.5 | 42.3 | 43.1 | 📄 43.3 |
| 12-month % change | | -1.4 | -2.8 | -2.1 | -2.1 | 0.9 | 📄 2.4 |
| Professional and Business Services ⁽³⁾ | | 160.6 | 158.8 | 159.3 | 159.0 | 161.3 | 📄 161.1 |
| 12-month % change | | 7.8 | 5.7 | 4.9 | 3.8 | 3.3 | 📄 2.6 |
| Education and Health Services ⁽³⁾ | | 260.0 | 259.6 | 259.6 | 259.4 | 262.6 | 📄 263.1 |
| 12-month % change | | 7.3 | 6.7 | 5.8 | 5.0 | 4.2 | 📄 4.9 |
| Leisure and Hospitality ⁽³⁾ | | 148.8 | 148.5 | 148.7 | 148.0 | 150.6 | 📄 151.7 |
| 12-month % change | | 8.3 | 14.0 | 15.8 | 12.7 | 10.5 | 📄 12.6 |
| Other Services ⁽³⁾ | | 40.8 | 41.0 | 42.1 | 43.8 | 43.8 | 📄 44.5 |
| 12-month % change | | 6.8 | 3.0 | 16.0 | 15.9 | 12.9 | 📄 15.6 |
| Government ⁽³⁾ | | 241.5 | 227.7 | 231.8 | 233.7 | 242.1 | 📄 244.9 |
| 12-month % change | | -0.7 | -0.6 | -2.9 | -2.6 | -1.4 | 📄 -0.2 |
| Consumer Price Index: Riverside-San Bernardino-Ontario, CA | | | | | | | |
| CPI-U, All items ⁽⁴⁾ | | | 114.682 | | 115.657 | | 117.206 |
| CPI-U, All items, 12-month % change ⁽⁴⁾ | | | 6.5 | | 6.8 | | 7.9 |
| CPI-W, All items ⁽⁵⁾ | | | 115.129 | | 116.254 | | 117.840 |
| CPI-W, All items, 12-month % change ⁽⁵⁾ | | | 6.5 | | 7.0 | | 8.1 |
| Footnotes | | | | | | | |
| ⁽¹⁾ Number of persons, in thousands, not seasonally adjusted. | | | | | | | |
| ⁽²⁾ In percent, not seasonally adjusted. | | | | | | | |
| ⁽³⁾ Number of jobs, in thousands, not seasonally adjusted. See About the data . | | | | | | | |
| ⁽⁴⁾ All Urban Consumers, base: December 2017=100, not seasonally adjusted. | | | | | | | |
| ⁽⁵⁾ Urban Wage Earners and Clerical Workers, base: December 2017=100, not seasonally adjusted. | | | | | | | |
| ^(P) Preliminary | | | | | | | |



Technical Advisory Committee Meeting

Agenda Item

No. 7

Chino Basin Desalter Authority
Board Meeting Agenda Items

| January 13, 2022 Board Meeting (Special) | | TAC | Finance |
|---|-------------|------------|----------------|
| Resolution Proclaiming a Local Emergency Authorizing Remote Teleconference Meetings | O'Neill/CDA | - | - |
| Quarterly Financial Reports | O'Neill/CDA | - | 12/16/2021 |
| Approval of Annual Financial Report | O'Neill/CDA | - | 12/16/2021 |
| Quarterly Operations Report/Presentation | O'Neill/CDA | - | - |
| Quarterly South Archibald Plume Report/Presentation | O'Neill/CDA | - | - |

| February 3, 2022 Board Meeting (Special) | | TAC | Finance |
|---|-------------|------------|----------------|
| Resolution Proclaiming a Local Emergency Authorizing Remote Teleconference Meetings | O'Neill/CDA | - | - |
| Cost of Living Adjustment for CDA Employees | Chung/CDA | 1/11/2022 | 1/27/2022 |



Technical Advisory Committee Meeting

Agenda Item

No. 8

Chino Basin Desalter Authority

TAC Meeting Agenda Items

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|--|
| January 25, 2022 |
| Meeting Minutes |
| Chino I Operations Report |
| Chino II / CRF Operations Report |
| Cost of Living Adjustment for CDA Employees (if necessary) |
| Chino I GAC Update |

| |
|----------------------------------|
| February 8, 2022 |
| Meeting Minutes |
| Chino I Operations Report |
| Chino II / CRF Operations Report |
| Water Deliveries |
| Chino I GAC Update |