



## **AGENDA**

### **MEETING/WORKSHOP OF THE BOARD OF DIRECTORS**

**WEDNESDAY, MAY 2, 2018  
10:00 A.M.**

**INLAND EMPIRE UTILITIES AGENCY\*  
AGENCY HEADQUARTERS  
BOARD ROOM  
6075 KIMBALL AVENUE  
CHINO, CALIFORNIA 91708**

### **CALL TO ORDER OF THE INLAND EMPIRE UTILITIES AGENCY BOARD OF DIRECTORS MEETING/WORKSHOP MEETING**

### **FLAG SALUTE**

### **PUBLIC COMMENT**

Members of the public may address the Board on any item that is within the jurisdiction of the Board; 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 Board on any matter, whether or not it appears on the agenda, are requested to complete and submit to the Board Secretary a "Request to Speak" form which is available on the table in the Board Room. Comments will be limited to three minutes per speaker. Thank you.

### **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. **CONSENT ITEMS**

A. **ADOPTION OF RESOLUTION NO. 2018-5-2, PROCLAIMING MAY 6, 2018 THROUGH MAY 12, 2018, AS INTERNATIONAL COMPOST AWARENESS WEEK**

Staff recommends that the Board adopt Resolution No. 2018-5-2, proclaiming May 6, 2018 through May 12, 2018, as International Compost Awareness Week.

2. **WORKSHOP**

A. **RP-5 LIQUIDS TREATMENT EXPANSION AND RP-5 SOLIDS TREATMENT FACILITY (RP-5 EXPANSION) PROJECT UPDATES**

3. **ADJOURN**

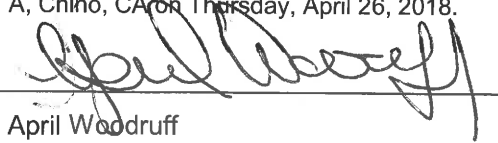
\*A Municipal Water District

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Board Secretary (909) 993-1736, 48 hours prior to the scheduled meeting so that the Agency can make reasonable arrangements.

**Declaration of Posting**

Proofed by: jh

I, April Woodruff, Board Secretary of the Inland Empire Utilities Agency\*, A Municipal Water District, hereby certify that a copy of this agenda has been posted by 5:30 p.m. at the Agency's main office, 6075 Kimball Avenue, Building A, Chino, CA on Thursday, April 26, 2018.

  
April Woodruff

**CONSENT  
CALENDAR  
ITEM**

**1A**

**Date:** May 2, 2018

HR

**To:** The Honorable Board of Directors

**From:** Halla Razak, General Manager

**Committee:**

**Executive Contact:** Kathy Besser, Executive Manager of Ext. Aff. & Policy Dev./AGM

**Subject:** Adoption of Resolution No. 2018-5-2, Proclaiming May 6, 2018 through May 12, 2018, as International Compost Awareness Week

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**Executive Summary:**

International Compost Awareness Week (ICAW) is the largest and most comprehensive education initiative of the compost industry. It is celebrated nationwide and in other countries each year during the first full week of May. Starting in Canada in 1995, ICAW has continued to grow as more people, businesses, municipalities, schools and organizations are recognizing the importance of composting and the long-term benefits from organics recycling.

The goal of the program is to raise public awareness regarding the benefits of using compost to improve or maintain high quality soil, to grow healthy plants, reduce the use of fertilizer and pesticides, improve water quality and protect the environment. The program includes a poster contest, programs at schools and activities and events promoted through governments, public municipalities and local businesses nationwide.

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**Staff's Recommendation:**

It is recommended that the Board of Directors adopt Resolution No. 2018-5-2, proclaiming May 6, 2018 through May 12, 2018, as International Compost Awareness Week.

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**Budget Impact:** N    *Budgeted (Y/N):* N    *Amendment (Y/N):* N    *Requested Amount:*

*Account/Project Name:*

*Fiscal Impact (explain if not budgeted):*

**Prior Board Action:**

On April 19, 2017, the Board adopted Resolution No. 2017-4-7, proclaiming May 7, 2017 through May 13, 2017, as International Compost Awareness Week.

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**Environmental Determination:**

Not Applicable

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**Business Goal:**

IEUA is committed to providing a reliable and cost-effective water supply and promoting sustainable water use throughout the region.

IEUA is committed to enhancing and promoting environmental sustainability and the preservation of the region's heritage.

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**Attachments:**

Attachment 1 - Resolution 2018-5-2

**RESOLUTION 2018-5-2**

**RESOLUTION OF THE BOARD OF DIRECTORS OF  
THE INLAND EMPIRE UTILITIES AGENCY\*, SAN  
BERNARDINO COUNTY CALIFORNIA,  
RECOGNIZES MAY 6-12, 2018, AS  
INTERNATIONAL COMPOST AWARENESS WEEK**

**WHEREAS**, the Composting Council of the United States, Canada and the United Kingdom have declared the first full week of May to be the annual International Compost Awareness Week;

**WHEREAS**, composting is an effective form of waste reduction, reuse and recycling; and since organic materials make up approximately 30% of the material going to landfills, composting is becoming one of the primary methods communities use in reaching waste diversion goals;

**WHEREAS**, materials such as yard trimmings, vegetable cuttings, biosolids, food scraps, manures, and hay shavings have all been composted and converted into a beneficial product known as compost;

**WHEREAS**, communities, through their local governments, highway departments, soil conservation service and extension offices, and public works professionals, can have significant impact on clean water, soil, climate change and landfill diversion by using compost for public works projects;

**WHEREAS**, International Compost Awareness Week is a multi-media publicity and education initiative to showcase compost production and demonstrate compost use;

**WHEREAS**, composting creates green jobs and infrastructure for cities and states who implement composting programs; and

**WHEREAS**, this year's national theme, *Compost! Building a Better Future*, is a great way to get the message out regarding compost and its many benefits.

**NOW, THEREFORE, BE IT RESOLVED**, that the Board of Directors of the Inland Empire Utilities Agency does hereby recognize May 6-12, 2018 as International Compost Awareness Week.

ADOPTED this 2<sup>nd</sup> day of May, 2018.

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Steven J. Elie, President of the Inland  
Empire Utilities Agency\* and on behalf of  
the Board of Directors thereof.

ATTEST:

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Jasmin A. Hall, Secretary/Treasurer of the  
Inland Empire Utilities Agency\* and on  
behalf of the Board of Directors thereof.

(SEAL)

STATE OF CALIFORNIA                    )  
COUNTY OF                                )SS  
SAN BERNARDINO                         )

I, Jasmin A. Hall, Secretary/Treasurer of the Inland Empire Utilities Agency\*, DO  
HEREBY CERTIFY that the foregoing Resolution being No. 2018-5-2 was adopted at a  
regular Board Meeting on May 2, 2018, of said Agency by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

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Jasmin A. Hall  
Secretary/Treasurer

(SEAL)

\*A Municipal Water District



**WORKSHOP  
ITEM**

**2A**

**Date:** May 2, 2018

HR

**To:** The Honorable Board of Directors

**From:** Halla Razak, General Manager

**Committee:**

**Executive Contact:** Chris Berch, Executive Manager of Engineering/AGM

**Subject:** RP-5 Liquids Treatment Expansion and RP-5 Solids Treatment Facility (RP-5 Expansion) Project Updates

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**Executive Summary:**

In March 2017, IEUA completed the RP-1 & RP-5 Expansion Preliminary Design Report (PDR), which established the project management plan and requirements for future expansions, developed the preliminary design for the capacity recovery at RP-1, liquids treatment expansion at RP-5, the RP-5 Solids Treatment Facility, and the decommissioning required at RP-2.

In May 2017, the IEUA Board of Directors approved Parsons Water & Infrastructure, Inc. to complete the design of the RP-5 Liquids Treatment Expansion and RP-5 Solids Treatment Facility. In January 2018, the RP-5 Expansion project team conducted the 30% design submittal workshops, a week long event to review the main concepts of the RP-5 Expansion design. This item is provided to the Board of Directors as an update of the 30% design progress for the RP-5 Expansion Project.

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**Staff's Recommendation:**

This is an informational item for the Board of Directors.

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**Budget Impact** *Budgeted (Y/N): Y Amendment (Y/N): N Amount for Requested Approval:*

*Account/Project Name:*

EN19001/RP-5 Liquids Treatment Expansion  
EN19006/RP-5 Solids Treatment Facility

*Fiscal Impact (explain if not budgeted):*

N/A

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**Prior Board Action:**

On March 15, 2017, the Board of Directors adopted the RP-1 and RP-5 Expansion Preliminary Design Report.

On May 17, 2017, IEUA Board of Directors approved a consulting engineering services contract amendment for the design of the RP-5 Liquids Expansion and Solids Treatment Facility to Parsons Water & Infrastructure, Inc. for the not-to-exceed amount of \$17,993,680.

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**Environmental Determination:**

Program Environmental Impact Report (Finding of Consistency)

Staff is currently completing a Finding of Consistency with IEUA's Program Environmental Impact Report and a CEQA Plus evaluation for SRF Loan Funding.

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**Business Goal:**

The RP-5 Expansion Project is consistent with the Agency's Business Goal of Wastewater Management, specifically the Water Quality objective that IEUA will ensure that Agency systems are planned, constructed, and managed to protect public health, the environment, and meet anticipated regulatory requirements.

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**Attachments:**

Attachment 1 - PowerPoint

# RP-5 Liquids Treatment Expansion and RP-5 Solids Treatment Facility (RP-5 Expansion) Project Updates

Project Nos. EN19001 & EN19006



Jason Marseilles, P.E.  
May 2018

# RP-5 Expansion Project Objectives

- **Expand RP-5 Liquids Treatment to 22.5 MGD (mechanical systems) and 30 MGD (structural systems)**
- **Design RP-5 Solids Treatment Facility to treat 30 MGD of solids from both CCWRF and RP-5**



*RP-5 Liquids Treatment Expansion & Solids Treatment Facility During Preliminary Design*



# RP-5 Expansion Project Budget & Schedule

Project Milestone	Date
<b>Design</b>	
✔ Consultant Design Contract Award	May 2017
✔ 30% Design Completion	December 2017
50% Design Completion	June 2018
85% Design Completion	December 2018
Final Design Completion	June 2019
<b>Construction</b>	
Construction Bid Phase	July 2019
Construction Contract Award	December 2019
Construction Completion	December 2022

Description	Estimated Cost
<b>Design Services</b>	
Consultant Design Contract	\$17,993,680
Other Design Services (3%)	\$8,070,000
<b>Construction Services</b>	
Engineering Services During Construction (3%)	\$8,070,000
Other Construction Services (6%)	\$16,140,000
<b>Construction</b>	
Construction (estimate)	\$245,000,000
Contingency (~10%)	\$24,000,000
<b>Total Project Cost:</b>	<b>\$319,273,680</b>
<b>Total Project Budget:</b>	<b>\$325,000,000</b>
<b>Remaining Budget:</b>	<b>\$5,726,320</b>

# RP-5 Liquids Expansion Video

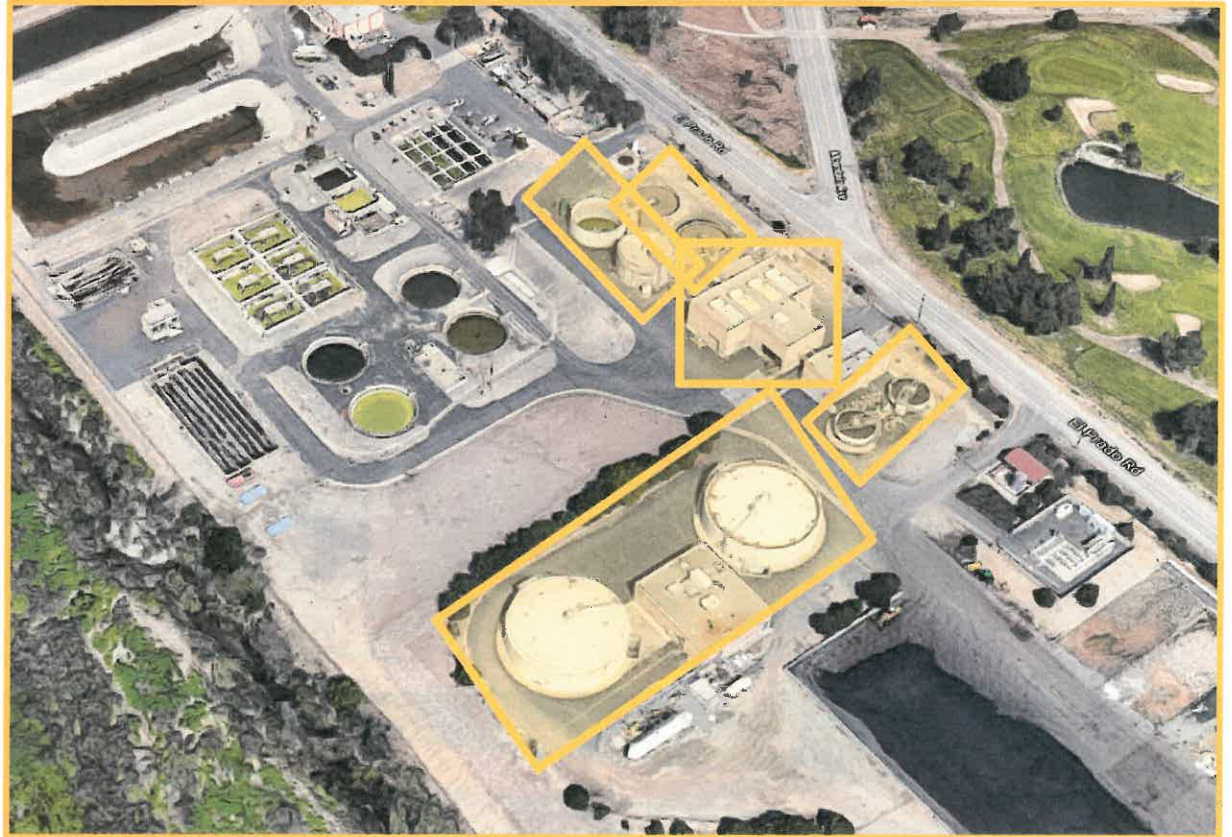


[RP-5 Liquids Video](#)



# RP-2 Solids Treatment Facility

- Dewatering
- Digestion
- Thickening





# RP-5 Solids Facility Video



RP-5 Solids Video

# RP-5 Expansion Next Steps

- Pre-Selection Packages for Critical and Specialized Equipment
  - 7 Packages including Membrane Bio-Reactor System
- CEQA Plus Environmental Report
  - June 2018
  - Final Item for Completion of State Revolving Fund (SRF) Application
  - SRF Fundable Project List for FY 2019/20
- 50% Design Submittal
  - June 2018

The RP-5 Expansion Project is consistent with **IEUA's Business Goal of Wastewater Management**, specifically the Water Quality objective that IEUA will ensure that systems are planned, constructed, and managed to protect public health, the environment, and meet anticipated regulatory requirements.