



**ENGINEERING, OPERATIONS, AND  
WATER RESOURCES  
COMMITTEE MEETING  
OF THE BOARD OF DIRECTORS  
INLAND EMPIRE UTILITIES AGENCY\*  
AGENCY HEADQUARTERS, CHINO, CALIFORNIA**

**WEDNESDAY, JULY 10, 2019  
9:45 A.M.**

**CALL TO ORDER**

**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. ACTION ITEMS**

**A. MINUTES**

The Committee will be asked to approve the Engineering, Operations, and Water Resources Committee meeting minutes of June 12, 2019.

**B. RP-1 PRIMARY EFFLUENT CONVEYANCE PHASE II CONSTRUCTION CONTRACT AWARD**

Staff recommends that the Committee/Board:

1. Award a construction contract for the RP-1 Primary Effluent Conveyance Improvements Phase II, Project No. EN15012.01, to J.R. Filanc Construction, Inc., for the not-to-exceed amount of \$1,853,777; and
2. Authorize the General Manager to execute the contract, subject to non-substantive changes.

C. NAPA LATERAL LICENSE AGREEMENT WITH BNSF RAILROAD COMPANY

Staff recommends that the Committee/Board:

1. Execute the license agreement with BNSF Railway Company for a not-to-exceed amount of \$163,569; and
2. Authorize the General Manager to negotiate and execute the agreement, subject to non-substantive changes.

2. INFORMATION ITEM

A. 4<sup>TH</sup> QUARTER PLANNING & ENVIRONMENTAL RESOURCES UPDATE (POWERPOINT)

RECEIVE AND FILE INFORMATION ITEM

B. ENGINEERING AND CONSTRUCTION MANAGEMENT PROJECT UPDATES (POWERPOINT)

3. GENERAL MANAGER'S COMMENTS

4. COMMITTEE MEMBER COMMENTS

5. COMMITTEE MEMBER REQUESTED FUTURE AGENDA ITEMS

6. 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.

Proofed by: 

**DECLARATION OF POSTING**

I, April Woodruff, Board Secretary/Office Manager of the Inland Empire Utilities Agency, A Municipal Water District, hereby certify that a copy of the agenda has been posted by 5:30 p.m. in the foyer at the Agency's main office, 6075 Kimball Ave., Building A, Chino, CA on Wednesday, July 3, 2019.

  
April Woodruff

**ACTION  
ITEM  
1A**



**MINUTES  
ENGINEERING, OPERATIONS, AND WATER RESOURCES  
COMMITTEE MEETING  
INLAND EMPIRE UTILITIES AGENCY\*  
AGENCY HEADQUARTERS, CHINO, CA**

**WEDNESDAY, JUNE 12, 2019  
9:45 A.M.**

**COMMITTEE MEMBERS PRESENT**

Michael Camacho, Chair  
Kati Parker

**COMMITTEE MEMBERS ABSENT**

None

**STAFF PRESENT**

Shivaji Deshmukh, General Manager  
Kathy Besser, Executive Manager of External Affairs & Policy Development/AGM  
Randy Lee, Executive Manager of Operations/AGM  
Christina Valencia, Executive Manager of Finance & Administration/AGM  
Warren Green, Manager of Contracts, Procurement & Risk Services  
Elizabeth Hurst, Water Resources Planner  
Sylvie Lee, Manager of Planning & Environmental Resources  
Liza Munoz, Senior Engineer  
Cathleen Pieroni, Manager of Government Relations  
Matthew Poeske, Construction Project Manager - PE  
Craig Proctor, Source Control/Environmental Resources Supervisor  
Teresa Velarde, Manager of Internal Audit  
April Woodruff, Board Secretary/Office Manager

**OTHERS PRESENT**

None

The meeting was called to order at 10:12 a.m. There were no public comments received or additions to the agenda.

**ACTION ITEMS**

The Committee:

- Approved the Engineering, Operations, and Water Resources Committee meeting minutes of April 10, 2019.

◆ Recommended that the Board:

1. Award a five-year master service contract, with the option for up to two, one-year time extensions, to Bucknam Infrastructure Group for a not-to-exceed amount of \$500,000; and
2. Authorize the General Manager to execute the contract, subject to non-substantive changes;

as a Consent Calendar Item on the June 19, 2019 Board meeting agenda.

◆ Recommended that the Board:

1. Approve the budget amendment of \$393,831 for the Regional Contract Facilitation, Project No. PL19002;
2. Authorize the contract amendment for \$393,831 to Kearns & West for a not-to-exceed maximum of \$898,676; and
3. Authorize the General Manager to execute the construction contract, subject to non-substantive changes;

as a Consent Calendar Item on the June 19, 2019 Board meeting agenda.

◆ Recommended that the Board:

1. Approve Project Agreement 24 (PA24) for the Inland Empire Brine Line;
2. Designate Director Kati Parker as the representative on PA24, subject to change made by the General Manager; and
3. Authorize the General Manager to execute the Agreement;

as a Consent Calendar Item on the June 19, 2019 Board meeting agenda.

**INFORMATION ITEMS**

The following information items were presented or received and filed by the Committee:

- ◆ Operations Division Semi-Annual Update
- ◆ Engineering and Construction Management Project Updates

**GENERAL MANAGER'S COMMENTS**

General Manager Shivaji Deshmukh stated that as a result of a joint ad hoc meeting held on June 5, 2019, a resolution will be brought forth in support of updating the Chino Basin Optimum Basin Management Program at the June 19 Board meeting.

**COMMITTEE MEMBER COMMENTS**

There were no Committee member comments.

**COMMITTEE MEMBER REQUESTED FUTURE AGENDA ITEMS**

There were no Committee member requests for future agenda items.

With no further business, Director Camacho adjourned the meeting at 10:51 a.m.

Respectfully submitted,

April Woodruff  
Board Secretary/Office Manager

\*A Municipal Water District

**APPROVED: JULY 17, 2019**

Draft

**ACTION  
ITEM  
1B**

**Date:** July 17, 2019

**To:** The Honorable Board of Directors

**From:** Shivaji Deshmukh, General Manager

**Committee:** Engineering, Operations & Water Resources

ASD  
07/10/19

**Executive Contact:** Shaun Stone, Acting Executive Manager of Engineering/AGM

**Subject:** RP-1 Primary Effluent Conveyance Phase II Construction Contract Award

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**Executive Summary:**

Regional Water Recycling Plant No. 1 (RP-1) has had numerous expansions and rehabilitations over the years, resulting in a convoluted and undersized piping network. The purpose of this project is to decommission an obsolete primary effluent pump station to address a flow bottleneck causing operational constraints, reduce odor and vector issues, simplify the associated piping network, and remove other obsolete ancillary equipment in the pump station area.

On February 13, 2019, a request for bids was advertised on PlanetBids to the "two-million and under" prequalified contractors. On May 9, 2019, IEUA received five construction bids. J.R. Filanc Construction, Inc., was the lowest responsive and responsible bidder with a bid price of \$1,853,777.

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**Staff's Recommendation:**

1. Award a construction contract for the RP-1 Primary Effluent Conveyance Improvements Phase II, Project No. EN15012.01, to J.R. Filanc Construction, Inc., for the not-to-exceed amount of \$1,853,777; and
2. Authorize the General Manager to execute the contract, subject to non-substantive changes.

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

*Account/Project Name:*

EN15012.01/ RP-1 Primary Effluent Conveyance Improvements Phase II

*Fiscal Impact* (explain if not budgeted):

None.



**Prior Board Action:**

On April 11, 2018, the Board of Directors approved a contract amendment to Stantec in the amount of \$232,000 for a not-to-exceed contract amount of \$735,201.

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**Environmental Determination:**

Categorical Exemption

CEQA identifies certain categories of projects as exempt from more detailed environmental review because these categories have been deemed to have no potential for significant impact on the environment. This project qualifies for a Categorical Exemption Class 1 as defined in Section 15301(b) of the State CEQA Guidelines.

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**Business Goal:**

The RP-1 Primary Effluent Conveyance Improvements Phase II Project is consistent with IEUA's Business Goal of Wastewater Management, specifically the Asset Management objective that IEUA will ensure the treatment facilities are well maintained, upgraded to meet evolving requirements, sustainably managed, and can accommodate changes in regional water use.

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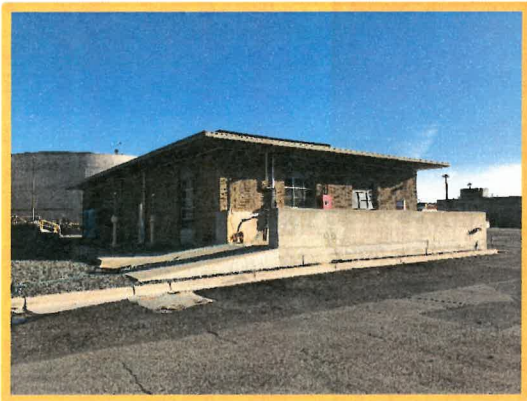
**Attachments:**

- Attachment 1 - PowerPoint
- Attachment 2 - Contract

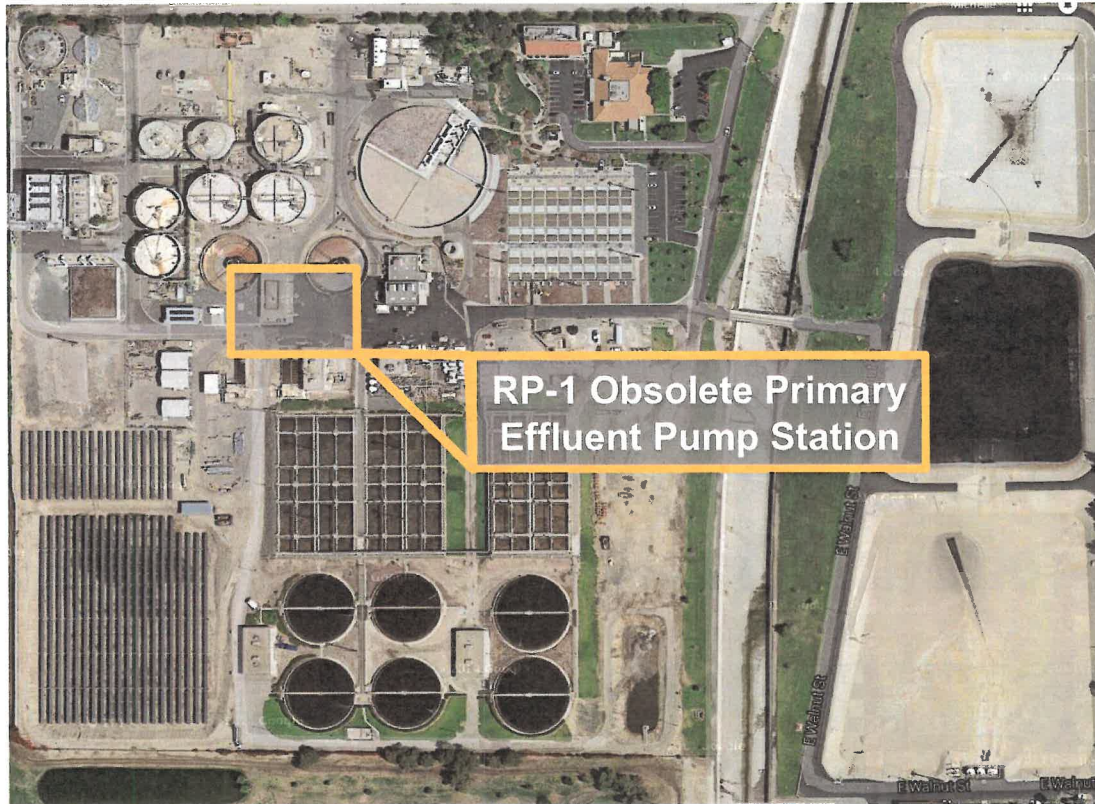
# **Attachment 1**

# RP-1 Primary Effluent Conveyance Improvements Phase II Construction Contract Award

Project No. EN15012.01



# Project Location



# The Project

- Decommission obsolete pump station
  - Replace 18" primary effluent pipeline with 30" pipeline
  - Reroute existing area drainage connections from pump station
  - Remove obsolete pumps, ancillary piping, and equipment



Obsolete pumps, equipment, and piping



Corroded pipe in pump station wet well

# Contractor Selection

- On May 9<sup>th</sup>, 2019, five bids were received:

Contractor	Amount
J.R. Filanc Construction, Inc.	\$ 1,853,777
W. A. Rasic	\$ 1,984,175
SCW	\$ 2,104,083
Tharsos	\$ 3,480,000
PCL Contractors Inc.	Withdrawn
<b>Engineering Estimate</b>	<b>\$2,043,000</b>

# Project Budget and Schedule

Description	Estimated Cost
<b>Design Services</b>	<b>\$259,922</b>
Design Contract	\$232,000
IEUA Design Services	\$27,922
<b>Construction Services</b>	<b>\$321,542</b>
Engineering Services During Construction (7%)	\$131,000
IEUA Construction Services (~10%)	\$190,542
<b>Construction</b>	<b>\$2,039,155</b>
Construction Contract	\$1,853,777
Contingency (10%)	\$185,378
<b>Total Project Cost</b>	<b>\$2,620,619</b>
<b>Total Project Budget</b>	<b>\$2,919,922</b>

Project Milestone	Date
Construction Contract Award	July 2019
Construction Completion	April 2020

# Recommendation

- Award a construction contract for the RP-1 Primary Effluent Conveyance Improvements Phase II, Project No. EN15012.01, to J.R. Filanc Construction, Inc., for the not-to-exceed amount of \$1,853,777; and
- Authorize the General Manager to execute the contract, subject to non-substantive changes.

The RP-1 Primary Effluent Conveyance Improvements Phase II Project is consistent with *IEUA's Business Goal of Wastewater Management*, specifically the Asset Management objective that IEUA will ensure the treatment facilities are well maintained, upgraded to meet evolving requirements, sustainably managed, and can accommodate changes in regional water use.



# **Attachment 2**

## SECTION D - CONTRACT AND RELEVANT DOCUMENTS

### 1.0 CONTRACT

THIS CONTRACT, made and entered into this \_\_\_ day of \_\_\_\_\_, 2019, by and between J.R. Filanc Construction Company, Inc., hereinafter referred to as "Contractor," and The Inland Empire Utilities Agency, a Municipal Water District, located in San Bernardino County, California, hereinafter referred to as "Agency".

#### WITNESSETH:

That for and in consideration of the promises and agreements hereinafter made and exchanged, the Agency and the Contractor agree as follows:

1. Contractor agrees to perform and complete in a workmanlike manner, all work required under the bidding schedule of said Agency's specifications entitled **Specifications for the Construction of the RP-1 Primary Effluent Conveyance Improvements Phase II Project EN15012.01**, in accordance with the specifications and drawings, and to furnish at their own expense, all labor, materials, equipment, tools, and services necessary, except such materials, equipment, and services as may be stipulated in said specifications to be furnished by said Agency, and to do everything required by this Contract and the said specifications and drawings.
2. For furnishing all said labor, materials, equipment, tools, and services, furnishing and removing all plant, temporary structures, tools and equipment, and doing everything required by this Contract and said specifications and drawings; also for all loss and damage arising out of the nature of the work aforesaid, or from the action of the elements, or from any unforeseen difficulties which may arise during the prosecution of the work until its acceptance by said Agency, and for all risks of every description connected with the work; also for all expenses resulting from the suspension or discontinuance of work, except as in the said specifications are expressly stipulated to be borne by said Agency; and for completing the work in accordance with the requirements of said specifications and drawings, said Agency will pay and said Contractor shall receive, in full compensation therefore, the price(s) set forth in this Contract.
3. That the Agency will pay the Contractor progress payments and the final payment, in accordance with the provisions of the contract documents, with warrants drawn on the appropriate fund or funds as required, at the prices bid in the Bidding and Contract Requirements, Section C - Bid Forms and accepted by the Agency, and set forth in this below.

Total Bid Price \$ One Million Eight Hundred Fifty-Three Thousand Seven Hundred  
Seventy Seven Dollars and Zero Cents.

If this is not a lump sum bid and the contract price is dependent upon the quantities constructed, the Agency will pay and said Contractor shall receive, in full compensation

for the work the prices named in the Bidding and Contract Requirements, Section C - Bid Forms.

4. The Agency hereby employs the Contractor to perform the work according to the terms of this Contract for the above-mentioned price(s), and agrees to pay the same at the time, in the manner, and upon the conditions stipulated in the said specifications; and the said parties for themselves, their heirs, executors, administrators, successors, and assigns, do hereby agree to the full performance of the covenants herein contained.
5. The Notice Inviting Bids, Instructions to Bidders, Bid Forms, Information Required of Bidder, Performance Bond, Payment Bond, Contractors License Declaration, Specifications, Drawings, all General Conditions and all Special Conditions, and all addenda issued by the Agency with respect to the foregoing prior to the opening of bids, are hereby incorporated in and made part of this Contract, as if fully set forth.
6. The Contractor agrees to commence work under this Contract on or before the date to be specified in a written "Notice To Proceed" and to complete said work to the satisfaction of the Agency three hundred (300) calendar days after award of the Contract. All work shall be completed before final payment is made.
7. Time is of the essence on this Contract.
8. Contractor agrees that in case the work is not completed before or upon the expiration of the contract time, damage will be sustained by the Agency, and that it is and will be impracticable to determine the actual damage which the Agency will sustain in the event and by reason of such delay, and it is therefore agreed that the Contractor shall pay to the Agency the amount of four thousand (\$4,000) dollars for each day of delay, which shall be the period between the expiration of the contract time and the date of final acceptance by the Agency, as liquidated damages and not as a penalty. It is further agreed that the amount stipulated for liquidated damages per day of delay is a reasonable estimate of the damages that would be sustained by the Agency, and the Contractor agrees to pay such liquidated damages as herein provided. In case the liquidated damages are not paid, the Contractor agrees that the Agency may deduct the amount thereof from any money due or that may become due to the Contractor by progress payments or otherwise under the Contract, or if said amount is not sufficient, recover the total amount.
9. In addition to the liquidated damages, which may be imposed if the Contractor fails to complete the work within the time agreed upon, the Agency may also deduct from any sums due or to become due to the Contractor, penalties and fines for violations of applicable local, state, and federal law.
10. That the Contractor will pay, and will require subcontractors to pay, employees on the work a salary or wage at least equal to the prevailing salary or wage established for such work as set forth in the wage determinations and wage standards applicable to this work, contained in or referenced in the contract documents.
11. That, in accordance with Section 1775 of the California Labor Code, Contractor shall forfeit to the Agency, as a penalty, not more than Fifty (\$50.00) Dollars for each day, or

portion thereof, for each worker paid, either by the Contractor or any subcontractor, less than the prevailing rates as determined by the Director of the California Department of Industrial Relations for the work.

12. That, except as provided in Section 1815 of the California Labor Code, in the performance of the work not more than eight (8) hours shall constitute a day's work, and not more than forty (40) hours shall constitute a week's work; that the Contractor shall not require more than eight (8) hours of labor in a day nor more than forty hours of labor in a week from any person employed by the Contractor or any subcontractor; that the Contractor shall conform to Division 2, Part 7, Chapter 1, Article 3 (Section 1810, et seq.) of the California Labor Code; and that the Contractor shall forfeit to the Agency, as a penalty, the sum of Twenty-Five (\$25.00) Dollars for each worker employed in the execution of the work by Contractor or any subcontractor for each day during which any worker is required or permitted to labor more than eight (8) hours in violation of said Article 3.
13. That the Contractor shall carry Workers' Compensation Insurance and require all subcontractors to carry Workers' Compensation Insurance as required by the California Labor Code.
14. That the Contractor shall have furnished, prior to execution of the Contract, two bonds approved by the Agency, one in the amount of one hundred (100) percent of the contract price, to guarantee the faithful performance of the work, and one in the amount of one hundred (100) percent of the contract price to guarantee payment of all claims for labor and materials furnished.
15. The Contractor hereby agrees to protect, defend, indemnify and hold the Agency and its employees, agents, officers, directors, servants and volunteers free and harmless from any and all liability, claims, judgments, costs and demands, including demands arising from injuries or death of persons (including employees of the Agency and the Contractor) and damage to property, arising directly or indirectly out of the obligation herein undertaken or out of the operations conducted by the Contractor, its employees agents, representatives or subcontractors under or in connection with this Contract to the extent permitted by law.


The Contractor further agrees to investigate, handle, respond to, provide defense for and defend any such claims, demands or suit at the sole expense of the Contractor.

IN WITNESS WHEREOF, The Contractor and the General Manager of Inland Empire Utilities Agency\*, thereunto duly authorized, have caused the names of said parties to be affixed hereto, each in duplicate, the day and year first above written.

Inland Empire Utilities Agency,\*  
San Bernardino County, California.

By \_\_\_\_\_  
General Manager

Contractor  
J.R. Filanc Construction Company, Inc.

By  \_\_\_\_\_  
Omar Rodea, President

\*Municipal Water District

**ACTION  
ITEM  
1C**



**Date:** July 17, 2019

**To:** The Honorable Board of Directors

**From:** Shivaji Deshmukh, General Manager SD

**Committee:** Engineering, Operations & Water Resources

07/10/19

**Executive Contact:** Shaun Stone, Acting Executive Manager of Engineering/AGM

**Subject:** Napa Lateral License Agreement with BNSF Railroad Company

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**Executive Summary:**

In November 2015, IEUA coordinated with the City of Fontana, Fontana Water Company, California Steel Industries (CSI), and the Auto Club Speedway (Speedway) to provide recycled water for delivery to CSI and Speedway for industrial and irrigation use.

This project is utilizing a design-build delivery method. The design phase is complete, and construction phase is ready to proceed. In order to complete the construction phase of the project, IEUA will need to encroach on the Burlington Northern Santa Fe Corporation (BNSF) Railroad Company's Right of Way for 1,100 linear feet. A draft agreement has been received, and the fees reflected on the agreement were higher than anticipated. Therefore, an appraisal has been ordered to determine a fair value of the encroachment. Once the appraisal has been received, staff will begin negotiating with BNSF over the agreement terms. In order to maintain the project schedule, staff is requesting approval to execute the agreement for the maximum not-to-exceed amount requested of \$163,569.

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**Staff's Recommendation:**

1. Execute the license agreement with BNSF Railway Company for a not-to-exceed amount of \$163,569; and
2. Authorize the General Manager to negotiate and execute the agreement, subject to non-substantive changes.

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

*Account/Project Name:*

WR15021/Napa Lateral

*Fiscal Impact (explain if not budgeted):*

None.

**Prior Board Action:**

On April 11, 2018, the Board of Directors awarded the design-build contract for the Napa Lateral, Project No. WR15021, to Ferreira Construction Company, Inc.

On August 19, 2015, the Board of Directors approved the agreements with California Steel Industries, Auto Club Speedway, City of Fontana, and Fontana Water Company to provide recycled water services to a portion of the unincorporated area of San Bernardino County.

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**Environmental Determination:**

Statutory Exemption

This project qualifies for a Categorical Exemption Class 1 as defined in Section 21084; 15301(b) of the State CEQA Guidelines..

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**Business Goal:**

The Napa Lateral Project is consistent with IEUA's Business Goal of Water Reliability, specifically the Recycled Water objective that IEUA will maximize the use of recycled water to enhance regional water reliability.

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**Attachments:**

Attachment 1 - License Agreement  
Attachment 2 - Site Map



# **Attachment 1**



Jones Lang LaSalle Brokerage, Inc.  
4200 Buckingham Road, Suite 110  
Fort Worth, Texas 76155  
tel +1 817-230-2600

June 13, 2019

Inland Empire Utilities Agency  
Attention: Ms. Liza Munoz  
PO Box 9020  
Chino Hills, California 91709

18-61158

Dear Ms. Munoz:

Attached please find a copy of the requested contract for execution by an official authorized to execute contract agreements on behalf of your company. Please print two (2) copies execute and **return both copies with original signature** for completion on part of BNSF Railway Company ("BNSF") to this office, along with the following requirements:

- A check in the amount of \$163,569.00.00 payable to BNSF Railway Company which covers the contract fee(s).

Please note the agreements cannot be executed by BNSF without an approved insurance certificate. If there are any issues with your insurance, you will be contacted by a member of the Risk Management team of BNSF Railway.

1. A Certificate of Insurance as required in the agreement.
2. A **separate policy** for Railroad Protective Liability Insurance as required in the agreement (**ORIGINAL POLICY MUST BE PROVIDED**). BNSF Railway Company will be the only insured party; OR;

**In lieu of providing a separate policy for Railroad Protective Liability Insurance**, you may participate in the BNSF's Railroad Protective Policy by checking the appropriate box in the contract and including an additional \$1266.00 with your check.

**PLEASE ADVISE IF THIS PROJECT IS ARRA FUNDED.**

Acceptance and deposit of any check by BNSF does not constitute an agreement between BNSF and Licensee for the requested license. BNSF shall not be obligated to hold the check in a separate fund, but may commingle the funds with other funds of BNSF, and in no event shall BNSF be responsible for interest on said funds.

The enclosed permit is not a binding agreement and shall become binding only when, and if, it is executed by you and fully approved and executed by BNSF Railway Company. Upon completion on behalf of BNSF, one fully executed counterpart will be returned for your records.

**The specifications/plans you provided may differ from BNSF's minimum specification requirements. Therefore, prior to your installation, please review the Exhibit A to determine the specifications necessary for your installation.**

Please be informed that if contracts, fees, and insurance are not returned within sixty (60) days, the processing fee will increase to \$800.00.

Sincerely,

*Amanda Reyna*

Amanda Reyna  
Sr. Manager, Permits  
Attachment

## PIPELINE LICENSE

THIS PIPELINE LICENSE ("License") is made to be effective \_\_\_\_\_, 2019 (the "Effective Date") by and between **BNSF RAILWAY COMPANY**, a Delaware corporation ("Licensor") and **INLAND EMPIRE UTILITIES AGENCY**, a California corporation ("Licensee").

In consideration of the mutual covenants contained herein, the parties agree to the **following**:

### GENERAL

1. Grant of License. Licensor hereby grants Licensee a non-exclusive license, subject to all rights, interests, and estates of third parties, including, without limitation, any leases, use rights, easements, liens, or other encumbrances, and upon the terms and conditions set forth below, to construct and maintain, in strict accordance with the drawings and specifications approved by Licensor as part of Licensee's application process (the "**Drawings and Specifications**"), One (1) pipeline, 24 inches in diameter inside a 36 inch Steel casing (collectively, the "**Pipeline**"), across or along Licensor's rail corridor at or near the station of Cucamonga, County of San Bernardino, State of California, Line Segment 7683, Mile Post 44.67 as shown on the attached Drawing No. 73696, dated September 12, 2018, attached hereto as **Exhibit "A"** and incorporated herein by reference (the "**Premises**").
2. Term. This License shall commence on the Effective Date and shall continue for a period of twenty-five (25) years, subject to prior termination as hereinafter described.
3. Existing Improvements. Licensee shall not disturb any improvements of Licensor or Licensor's existing lessees, licensees, easement beneficiaries or lien holders, if any, or interfere with the use, repair, maintenance or replacement of such improvements.
4. Use of the Premises. Licensee shall use the Premises solely for construction, maintenance, and use of the Pipeline in accordance with the Drawings and Specifications. The Pipeline shall carry Recycled Water, and Licensee shall not use the Pipeline to carry any other material or use the Premises for any other purpose.
5. Alterations. Except as set forth in this License, Licensee may not make any alterations to the Premises or permanently affix anything to the Premises or any buildings or other structures adjacent to the Premises without Licensor's prior written consent.

### COMPENSATION

6. License Fee. Licensee shall pay Licensor, prior to the Effective Date, the sum of One Hundred Sixty Three Thousand Five Hundred Sixty Nine and No/100 Dollars (\$163,569.00) as compensation for the use of the Premises.
7. Costs and Expenses.
  - 7.1 For the purpose of this License, "cost" or "costs" and "expense" or "expenses" includes, but is not limited to, actual labor and material costs including all assignable additives, and material and supply costs at current value where used.
  - 7.2 Licensee agrees to reimburse Licensor (pursuant to the terms of **Section 8** below) for all costs and expenses incurred by Licensor in connection with Licensee's use of the Premises or the presence, construction and maintenance of the Pipeline, including but not limited to the furnishing of Licensor's flaggers and any vehicle rental costs incurred, inspection coordination, safety, mobilization and/or other observation services described in this License (collectively, the "**Services**"). Licensee shall bear the cost of the Services, when deemed necessary by Licensor's representative. Flagging costs

shall include, but not be limited to, the following: pay for at least an eight (8) hour basic day with time and one-half or double time for overtime, rest days and holidays (as applicable); vacation allowance; paid holidays (as applicable); railway and unemployment insurance; public liability and property damage insurance; health and welfare benefits; transportation; meals; lodging and supervision. Negotiations for railway labor or collective bargaining agreements and rate changes authorized by appropriate Federal authorities may increase flagging rates. Flagging rates in effect at the time of performance by the flaggers will be used to calculate the flagging costs pursuant to this **Section 7**.

7.3 Licensors, at its sole discretion, may elect to designate a third party (the "**Scheduling Agent**"), to perform and/or arrange for the performance of the Services.

8. **Payment Terms.** All invoices are due thirty (30) days after the date of invoice. If Licensee fails to pay any monies due to Licensor within thirty (30) days after the invoice date, then Licensee shall pay interest on such unpaid sum from the due date until paid at an annual rate equal to the lesser of (i) the prime rate last published in *The Wall Street Journal* in the preceding December plus two and one-half percent (2-1/2%), or (ii) the maximum rate permitted by law.

### **LICENSOR'S RESERVED RIGHTS**

9. **Reserved Rights of Use.** Licensor excepts and reserves the right, to be exercised by Licensor and any other parties who may obtain written permission or authority from Licensor:
- 9.1 to maintain, use, operate, repair, replace, modify and relocate any utility, power or communication pipe/lines/cables and appurtenances (other than the Pipeline) and other facilities or structures of like character upon, over, under or across the Premises existing as of the Effective Date;
- 9.2 to construct, maintain, renew, use, operate, change, modify and relocate any tracks or additional facilities, structures and related appurtenances upon, over, under or across the Premises; or
- 9.3 to use the Premises in any manner as Licensor in its sole discretion deems appropriate, provided Licensor uses all commercially reasonable efforts to avoid material interference with the use of the Premises by Licensee for the purpose specified in **Section 4** above.
10. **Right to Require Relocation.** If at any time during the term of this License, Licensor desires the use of its rail corridor in such a manner as would, in Licensor's reasonable opinion, be interfered with by the Pipeline, Licensee shall, at its sole expense, within thirty (30) days after receiving written notice from Licensor to such effect, make such changes in the Pipeline as in the sole discretion of Licensor may be necessary to avoid interference with the proposed use of Licensor's rail corridor, including, without limitation, the relocation of the Pipeline, or the construction of a new pipeline to replace the Pipeline. Notwithstanding the foregoing, Licensee agrees to make all emergency changes and minor adjustments, as determined by Licensor in its sole discretion, to the Pipeline promptly upon Licensor's request.

### **LICENSEE'S OPERATIONS**

11. **Construction and Maintenance of the Pipeline.**
- 11.1 Licensee shall not enter or commence construction unless accompanied by Licensor's representative, the Scheduling Agent or its designee. Licensee shall notify Licensor's Roadmaster, at , telephone 909-386-4060, at least fifteen (15) business days prior to installation of the Pipeline and prior to entering the Premises for any subsequent maintenance thereon. In the event of emergency, Licensee shall notify Licensor of Licensee's entry onto the Premises at the telephone number above as soon as practicable and shall promptly thereafter follow up with written notice of such entry.

- 11.2 Licensee's on-site supervisors shall retain/maintain a fully executed copy of this License at all times while on the Premises.
- 11.3 While on the Premises, Licensee shall use only public roadways to cross from one side of Licensor's tracks to the other.
- 11.4 Any contractors or subcontractors performing work on the Pipeline or entering the Premises on behalf of Licensee shall be deemed servants and agents of Licensee for purposes of this License.
- 11.5 Under no conditions shall Licensee be permitted to conduct any tests, investigations or any other activity using mechanized equipment and/or machinery, or place or store any mechanized equipment, tools or other materials, within twenty-five (25) feet of the centerline of any railroad track on the Premises unless Licensee has obtained prior written approval from Licensor. Licensee shall, at its sole cost and expense, perform all activities on and about the Premises in such a manner as not at any time to endanger or interfere with (i) the existence or use of present or future tracks, roadbeds, or property of Licensor, (ii) the safe operation and activities of Licensor or existing third parties, or (iii) the rights or interests of third parties. If ordered to cease using the Premises at any time by Licensor's personnel due to any hazardous condition, Licensee shall immediately do so. Notwithstanding the foregoing right of Licensor, the parties agree that Licensor has no duty or obligation to monitor Licensee's use of the Premises to determine the safe nature thereof, it being solely Licensee's responsibility to ensure that Licensee's use of the Premises is safe. Neither the exercise nor the failure by Licensor to exercise any rights granted in this Section will alter the liability allocation provided by this License.
- 11.6 Licensee shall, at its sole cost and expense, construct and maintain the Pipeline in such a manner and of such material that the Pipeline will not at any time endanger or interfere with (i) the existence or use of present or future tracks, roadbeds, or property of Licensor, (ii) the safe operation and activities of Licensor or existing third parties, or (iii) the rights or interests of third parties. The construction of the Pipeline shall be completed within one (1) year of the Effective Date, and any subsequent maintenance shall be completed within one (1) year of initiation. Within fifteen (15) days after completion of the construction of the Pipeline or the performance of any subsequent maintenance thereon, Licensee shall, at Licensee's own cost and expense, restore the Premises to substantially their state as of the Effective Date, unless otherwise approved in advance by Licensor in writing. On or before expiration or termination of this License for any reason, Licensee shall, at its sole cost and expense, surrender the Premises to Licensor pursuant to the terms and conditions set forth in **Section 24** hereof.
- 11.7 Licensor may direct one or more of its field engineers or inspectors to observe or inspect the construction and/or maintenance of the Pipeline at any time for compliance with the Drawings and Specifications and Legal Requirements (defined below). Licensee shall reimburse Licensor for the cost of such observation or inspection related services pursuant to **Section 8**. If ordered at any time to halt construction or maintenance of the Pipeline by Licensor's personnel or representatives due to non-compliance with the Drawings and Specifications or any other hazardous condition, Licensee shall immediately do so. Notwithstanding the foregoing right of Licensor, the parties agree that Licensor has no duty or obligation to observe or inspect, or to halt work on, the Pipeline, it being solely Licensee's responsibility to ensure that the Pipeline is constructed and maintained in strict accordance with the Drawings and Specifications and in a safe and workmanlike manner in compliance with all terms hereof. Neither the exercise of, nor the failure by Licensor to exercise, any right granted by this Section will alter in any way the liability allocation provided by this License. If at any time Licensee shall, in the sole judgment of Licensor, fail to properly perform its obligations under this **Section 11**, Licensor may, at its option and at Licensee's sole expense, arrange for the performance of such work as it deems necessary for the safety of its operations and activities. Licensee shall promptly reimburse Licensor for all costs and expenses of such work, pursuant to the terms of **Section 8**. Licensor's failure to perform any obligations of Licensee shall not alter the liability allocation hereunder.

12. Boring and Excavation.

- 12.1 Prior to Licensee conducting any boring, excavation, or similar work on or about any portion of the Premises, Licensee shall explore the proposed location for such work with hand tools to a depth of at least three (3) feet below the surface of the ground to determine whether pipelines or other structures exist below the surface, provided, however, that in lieu of the foregoing, Licensee shall have the right to use suitable detection equipment or other generally accepted industry practice (e.g., consulting with the Underground Services Association) to determine the existence or location of pipelines and other subsurface structures prior to drilling or excavating with mechanized equipment. Licensee may request information from Licensor concerning the existence and approximate location of Licensor's underground lines, utilities, and pipelines at or near the vicinity of the proposed Pipeline by contacting Licensor's Telecommunications Helpdesk at least thirty (30) business days prior to installation of the Pipeline. Upon receiving Licensee's timely request, Licensor will provide Licensee with the information Licensor has in its possession regarding any existing underground lines, utilities, and pipelines at or near the vicinity of the proposed Pipeline and, if applicable, identify the location of such lines on the Premises pursuant to Licensor's standard procedures. Licensor does not warrant the accuracy or completeness of information relating to subsurface conditions of the Premises and Licensee's operations will be subject at all times to the liability provisions herein.
- 12.2 For all bores greater than 26-inch diameter and at a depth less than 10.0 feet below bottom of rail, a soil investigation must be performed by Licensee and reviewed by Licensor prior to construction. This study is to determine if granular material is present, and to prevent subsidence during the installation process. If the investigation determines in Licensor's reasonable opinion that granular material is present, Licensor may select a new location for Licensee's use, or may require Licensee to furnish for Licensor's review and approval, in Licensor's sole discretion, a remedial plan to deal with the granular material. Once Licensor has approved any such remedial plan in writing, Licensee shall, at Licensee's sole cost and expense, carry out the approved plan in accordance with all terms thereof and hereof.
- 12.3 Any open hole, boring, or well constructed on the Premises by Licensee shall be safely covered and secured at all times when Licensee is not working in the actual vicinity thereof. Following completion of that portion of the work, all holes or borings constructed on the Premises by Licensee shall be:
- 12.3.1 filled in to surrounding ground level with compacted bentonite grout; or
- 12.3.2 otherwise secured or retired in accordance with any applicable Legal Requirement. No excavated materials may remain on Licensor's property for more than ten (10) days, but must be properly disposed of by Licensee in accordance with applicable Legal Requirements.

**LIABILITY AND INSURANCE**13. Liability and Indemnification.

- 13.1 For purposes of this License: (a) "**Indemnitees**" means Licensor and Licensor's affiliated companies, partners, successors, assigns, legal representatives, officers, directors, shareholders, employees, and agents; (b) "**Liabilities**" means all claims, liabilities, fines, penalties, costs, damages, losses, liens, causes of action, suits, demands, judgments, and expenses (including, without limitation, court costs, reasonable attorneys' fees, costs of investigation, removal and remediation, and governmental oversight costs) environmental or otherwise; and (c) "**Licensee Parties**" means Licensee or Licensee's officers, agents, invitees, licensees, employees, or contractors, or any party directly or indirectly employed by any of them, or any party they control or exercise control over.
- 13.2 **TO THE FULLEST EXTENT PERMITTED BY LAW, LICENSEE SHALL, AND SHALL CAUSE ITS CONTRACTOR TO, RELEASE, INDEMNIFY, DEFEND AND HOLD HARMLESS INDEMNITEES FOR, FROM, AND AGAINST ANY AND ALL LIABILITIES OF ANY NATURE, KIND, OR**

**DESCRIPTION DIRECTLY OR INDIRECTLY ARISING OUT OF, RESULTING FROM, OR RELATED TO (IN WHOLE OR IN PART):**

- 13.2.1 **THIS LICENSE, INCLUDING, WITHOUT LIMITATION, ITS ENVIRONMENTAL PROVISIONS,**
  - 13.2.2 **ANY RIGHTS OR INTERESTS GRANTED PURSUANT TO THIS LICENSE,**
  - 13.2.3 **LICENSEE'S OCCUPATION AND USE OF THE PREMISES,**
  - 13.2.4 **THE ENVIRONMENTAL CONDITION AND STATUS OF THE PREMISES CAUSED BY OR CONTRIBUTED TO BY LICENSEE, OR**
  - 13.2.5 **ANY ACT OR OMISSION OF ANY LICENSEE PARTY.**
- 13.3 **TO THE FULLEST EXTENT PERMITTED BY LAW, LICENSEE NOW AND FOREVER WAIVES ANY AND ALL CLAIMS THAT BY VIRTUE OF ENTERING INTO THIS LICENSE, LICENSOR IS A GENERATOR, OWNER, OPERATOR, ARRANGER, OR TRANSPORTER FOR THE PURPOSES OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT, AS AMENDED ("CERCLA") OR OTHER ENVIRONMENTAL LAWS (DEFINED BELOW). LICENSEE WILL INDEMNIFY, DEFEND, AND HOLD THE INDEMNITEES HARMLESS FROM ANY AND ALL SUCH CLAIMS. NOTHING IN THIS LICENSE IS MEANT BY EITHER PARTY TO CONSTITUTE A WAIVER OF ANY INDEMNITEE'S COMMON CARRIER DEFENSES AND THIS LICENSE SHOULD NOT BE SO CONSTRUED. IF ANY AGENCY OR COURT CONSTRUES THIS LICENSE TO BE A WAIVER OF ANY INDEMNITEE'S COMMON CARRIER DEFENSES, LICENSEE AGREES TO INDEMNIFY, HOLD HARMLESS, AND DEFEND INDEMNITEES FOR ANY LIABILITIES RELATED TO THAT CONSTRUCTION OF THIS LICENSE. IN NO EVENT AS BETWEEN LICENSOR AND LICENSEE AS TO USE OF THE PREMISES AS CONTEMPLATED BY THIS LICENSE SHALL LICENSOR BE RESPONSIBLE TO LICENSEE FOR THE ENVIRONMENTAL CONDITION OF THE PREMISES.**
- 13.4 **IF ANY EMPLOYEE OF ANY LICENSEE PARTY ASSERTS THAT HE OR SHE IS AN EMPLOYEE OF ANY INDEMNITEE, TO THE FULLEST EXTENT PERMITTED BY LAW, LICENSEE SHALL, AND SHALL CAUSE ITS CONTRACTOR TO, RELEASE, INDEMNIFY, DEFEND, AND HOLD THE INDEMNITEES HARMLESS FROM AND AGAINST ANY LIABILITIES ARISING OUT OF OR RELATED TO (IN WHOLE OR IN PART) ANY SUCH ASSERTION INCLUDING, BUT NOT LIMITED TO, ASSERTIONS OF EMPLOYMENT BY AN INDEMNITEE RELATED TO THE FOLLOWING OR ANY PROCEEDINGS THEREUNDER: THE FEDERAL EMPLOYERS' LIABILITY ACT, THE SAFETY APPLIANCE ACT, THE LOCOMOTIVE INSPECTION ACT, THE OCCUPATIONAL SAFETY AND HEALTH ACT, THE RESOURCE CONSERVATION AND RECOVERY ACT, AND ANY SIMILAR STATE OR FEDERAL STATUTE.**
- 13.5 **THE FOREGOING OBLIGATIONS OF LICENSEE SHALL NOT APPLY TO THE EXTENT LIABILITIES ARE PROXIMATELY CAUSED BY THE GROSS NEGLIGENCE OR WILLFUL MISCONDUCT OF ANY INDEMNITEE, BUT SHALL APPLY TO ALL OTHER LIABILITIES, INCLUDING THOSE ARISING FROM OR ATTRIBUTED TO ANY OTHER ALLEGED OR ACTUAL NEGLIGENCE, INTENTIONAL ACTS, OR STRICT LIABILITY OF ANY INDEMNITEE.**
- 13.6 **Upon written notice from Licensor, Licensee agrees to assume the defense of any lawsuit or other proceeding brought against any Indemnatee by any entity, relating to any matter covered by this License for which Licensee has an obligation to assume liability for and/or save and hold harmless any Indemnatee. Licensee shall pay all costs and expenses incident to such defense, including, but not limited to, reasonable attorneys' fees, investigators' fees, litigation and appeal expenses, settlement payments, and amounts paid in satisfaction of judgments.**

14. Personal Property Risk of Loss. **ALL PERSONAL PROPERTY, INCLUDING, BUT NOT LIMITED TO, FIXTURES, EQUIPMENT, OR RELATED MATERIALS UPON THE PREMISES WILL BE AT THE RISK OF LICENSEE ONLY, AND NO INDEMNITEE WILL BE LIABLE FOR ANY DAMAGE THERETO OR THEFT THEREOF, WHETHER OR NOT DUE IN WHOLE OR IN PART TO THE NEGLIGENCE OF ANY INDEMNITEE.**

15. Insurance. Licensee shall, at its sole cost and expense, procure and maintain during the life of this License the following insurance coverage:

15.1 Commercial General Liability Insurance. This insurance shall contain broad form contractual liability with a combined single limit of a minimum of \$5,000,000 each occurrence and an aggregate limit of at least \$10,000,000 but in no event less than the amount otherwise carried by Licensee. Coverage must be purchased on a post 2004 ISO occurrence or equivalent and include coverage for, but not limited to, the following:

- Bodily Injury and Property Damage
- Personal Injury and Advertising Injury
- Fire legal liability
- Products and completed operations

This policy shall also contain the following endorsements or language, which shall be indicated on the certificate of insurance:

- The definition of insured contract shall be amended to remove any exclusion or other limitation for any work being done within 50 feet of railroad property.
- Waiver of subrogation in favor of and acceptable to Licensor.
- Additional insured endorsement in favor of and acceptable to Licensor and Jones Lang LaSalle Brokerage, Inc.
- Separation of insureds.
- The policy shall be primary and non-contributing with respect to any insurance carried by Licensor.

It is agreed that the workers' compensation and employers' liability related exclusions in the Commercial General Liability Insurance policy(s) required herein are intended to apply to employees of the policy holder and shall not apply to Licensor's employees.

No other endorsements limiting coverage may be included on the policy.

15.2 Business Automobile Insurance. This insurance shall contain a combined single limit of at least \$1,000,000 per occurrence, and include coverage for, but not limited to the following:

- Bodily injury and property damage.
- Any and all vehicles owned, used or hired.

This policy shall also contain the following endorsements, which shall be indicated on the certificate of insurance:

- Waiver of subrogation in favor of and acceptable to Licensor.
- Additional insured endorsement in favor of and acceptable to Licensor.
- Separation of insureds.
- The policy shall be primary and non-contributing with respect to any insurance carried by Licensor.

15.3 Workers' Compensation and Employers' Liability Insurance. This insurance shall include coverage for, but not limited to:

- Licensee's statutory liability under the workers' compensation laws of the state(s) in which the services are to be performed. If optional under state laws, the insurance must cover all employees anyway.



- Employers' Liability (Part B) with limits of at least \$500,000 each accident, \$500,000 by disease policy limit, \$500,000 by disease each employee.

This policy shall also contain the following endorsements or language, which shall be indicated on the certificate of insurance:

- Waiver of subrogation in favor of and acceptable to Licensor.

15.4 Railroad Protective Liability Insurance. This insurance shall name only Licensor as the Insured with coverage of at least \$5,000,000 per occurrence and \$10,000,000 in the aggregate. The coverage obtained under this policy shall only be effective during the initial installation and/or construction of the Pipeline. **THE CONSTRUCTION OF THE PIPELINE SHALL BE COMPLETED WITHIN ONE (1) YEAR OF THE EFFECTIVE DATE.** If further maintenance of the Pipeline is needed at a later date, an additional Railroad Protective Liability Insurance Policy shall be required. The policy shall be issued on a standard ISO form CG 00 35 12 03 and include the following:

- Endorsed to include the Pollution Exclusion Amendment.
- Endorsed to include the Limited Seepage and Pollution Endorsement.
- Endorsed to include Evacuation Expense Coverage Endorsement.
- No other endorsements restricting coverage may be added.
- The original policy must be provided to Licensor prior to performing any work or services under this License.
- Definition of "Physical Damage to Property" shall be endorsed to read: "means direct and accidental loss of or damage to all property owned by any named insured and all property in any named insured's care, custody and control arising out of the acts or omissions of the contractor named on the Declarations."

In lieu of providing a Railroad Protective Liability Policy, for a period of one (1) year from the Effective Date, Licensee may participate in Licensor's Blanket Railroad Protective Liability Insurance Policy available to Licensee or its contractor. The limits of coverage are the same as above. The cost is \$1266.

- I **elect** to participate in Licensor's Blanket Policy;
- I **elect not** to participate in Licensor's Blanket Policy.

15.5 Intentionally Deleted

15.6 Other Requirements:

15.6.1 Where allowable by law, all policies (applying to coverage listed above) shall contain no exclusion for punitive damages.

15.6.2 Licensee agrees to waive its right of recovery against Licensor for all claims and suits against Licensor. In addition, Licensee's insurers, through the terms of the policy or a policy endorsement, must waive their right of subrogation against Licensor for all claims and suits, and the certificate of insurance must reflect the waiver of subrogation endorsement. Licensee further waives its right of recovery, and its insurers must also waive their right of subrogation against Licensor for loss of Licensee's owned or leased property, or property under Licensee's care, custody, or control.

15.6.3 Licensee is not allowed to self-insure without the prior written consent of Licensor. If granted by Licensor, any self-insured retention or other financial responsibility for claims shall be covered directly by Licensee in lieu of insurance. Any and all Licensor liabilities that would otherwise, in accordance with the provisions of this License, be covered by Licensee's insurance will be covered as if Licensee elected not to include a self-insured retention or other financial responsibility for claims.

- 15.6.4 Prior to entering the Premises, Licensee shall furnish to Licensor an acceptable certificate(s) of insurance including an original signature of the authorized representative evidencing the required coverage, endorsements, and amendments. Licensee shall notify Licensor in writing at least 30 days prior to any cancellation, non-renewal, substitution, or material alteration. In the event of a claim or lawsuit involving Licensor arising out of this License, Licensee will make available any required policy covering such claim or lawsuit.
- 15.6.5 Any insurance policy shall be written by a reputable insurance company acceptable to Licensor or with a current Best's Guide Rating of A- and Class VII or better, and authorized to do business in the state(s) in which the service is to be provided.
- 15.6.6 If coverage is purchased on a "claims made" basis, Licensee hereby agrees to maintain coverage in force for a minimum of three years after expiration or termination of this License. Annually, Licensee agrees to provide evidence of such coverage as required hereunder.
- 15.6.7 Licensee represents that this License has been thoroughly reviewed by Licensee's insurance agent(s)/broker(s), who have been instructed by Licensee to procure the insurance coverage required by this License. Allocated Loss Expense shall be in addition to all policy limits for coverages referenced above.
- 15.6.8 Not more frequently than once every five years, Licensor may reasonably modify the required insurance coverage to reflect then-current risk management practices in the railroad industry and underwriting practices in the insurance industry.
- 15.6.9 If any portion of the operation is to be subcontracted by Licensee, Licensee shall require that the subcontractor shall provide and maintain insurance coverages as set forth herein, naming Licensor as an additional insured, and shall require that the subcontractor shall release, defend and indemnify Licensor to the same extent and under the same terms and conditions as Licensee is required to release, defend and indemnify Licensor herein.
- 15.6.10 Failure to provide evidence as required by this **Section 15** shall entitle, but not require, Licensor to terminate this License immediately. Acceptance of a certificate that does not comply with this Section shall not operate as a waiver of Licensee's obligations hereunder.
- 15.6.11 The fact that insurance (including, without limitation, self-insurance) is obtained by Licensee shall not be deemed to release or diminish the liability of Licensee, including, without limitation, liability under the indemnity provisions of this License. Damages recoverable by Licensor shall not be limited by the amount of the required insurance coverage.
- 15.6.12 These insurance provisions are intended to be a separate and distinct obligation on the part of the Licensee. Therefore, these provisions shall be enforceable and Licensee shall be bound thereby regardless of whether or not indemnity provisions are determined to be enforceable.
- 15.6.13 For purposes of this **Section 15**, Licensor shall mean "Burlington Northern Santa Fe, LLC", "BNSF Railway Company" and the subsidiaries, successors, assigns and affiliates of each.

## **COMPLIANCE WITH LAWS, REGULATIONS, AND ENVIRONMENTAL MATTERS**

### 16. Compliance with Laws, Rules, and Regulations.

- 16.1 Licensee shall observe and comply with any and all laws, statutes, regulations, ordinances, orders, covenants, restrictions, or decisions of any court of competent jurisdiction ("**Legal Requirements**") relating to the construction, maintenance, and use of the Pipeline and the use of the Premises.

- 16.2 Prior to entering the Premises, Licensee shall and shall cause its contractor(s) to comply with all of Licensor's applicable safety rules and regulations. Licensee must ensure that each of its employees, contractors, agents or invitees entering upon the Premises completes the safety orientation program at the Website "www.BNSFcontractor.com" (the "**Safety Orientation**") within one year prior to entering upon the Premises. Additionally, Licensee must ensure that each and every employee of Licensee, its contractors, agents and invitees possess a card certifying completion of the Safety Orientation prior to entering upon the Premises. Licensee must renew the Safety Orientation annually.
- 16.3 Licensee shall obtain on or before the date it or its contractor enters the Premises, any and all additional rights-of way, easements, licenses and other agreements relating to the grant of rights and interests in and/or access to the Premises (collectively, the "**Rights**") and such other rights, licenses, permits, authorizations, and approvals (including without limitation, any necessary local, state, federal or tribal authorizations and environmental permits) that are necessary in order to permit Licensee to construct, maintain, own and operate the Pipeline and otherwise to perform its obligations hereunder in accordance with the terms and conditions hereof.
- 16.4 Licensee shall either require that the initial stated term of each such Rights be for a period that does not expire, in accordance with its ordinary terms, prior to the last day of the term of this License or, if the initial stated term of any such Right expires in accordance with its ordinary terms on a date earlier than the last day of the term of this License, Licensee shall, at its cost, exercise any renewal rights thereunder, or otherwise acquire such extensions, additions and/or replacements as may be necessary, in order to cause the stated term thereof to be continued until a date that is not earlier than the last day of the term of this License.
- 16.5 Upon the expiration or termination of any Right that is necessary in order for Licensee to own, operate or use the Pipeline in accordance with the terms and conditions of this License, this License thereby shall automatically expire upon such expiration or termination of the Right.

17. Environmental.

- 17.1 Licensee shall strictly comply with all federal, state and local environmental Legal Requirements and regulations in its use of the Premises, including, but not limited to, the Resource Conservation and Recovery Act, as amended (RCRA), the Clean Water Act, the Oil Pollution Act, the Hazardous Materials Transportation Act, and CERCLA (collectively referred to as the "**Environmental Laws**"). Licensee shall not maintain a treatment, storage, transfer or disposal facility, or underground storage tank, as defined by Environmental Laws on the Premises. Licensee shall not release or suffer the release of oil or hazardous substances, as defined by Environmental Laws on or about the Premises.
- 17.2 Licensee covenants that it will not handle or transport "hazardous waste" or "hazardous substances", as "hazardous waste" and "hazardous substances" may now or in the future be defined by any federal, state, or local governmental agency or body through the Pipeline on Licensor's property. Licensee agrees periodically to furnish Licensor with proof, satisfactory to Licensor that Licensee is in compliance with the provisions of this **Section 17.2**.
- 17.3 Licensee shall give Licensor immediate notice to Licensor's Resource Operations Center at (800) 832-5452 of any known (i) release of hazardous substances on, from, or affecting the Premises, (ii) violation of Environmental Laws, or (iii) inspection or inquiry by governmental authorities charged with enforcing Environmental Laws with respect to Licensee's use of the Premises. Licensee shall use the best efforts to promptly respond to any release on, from, or affecting the Premises. Licensee also shall give Licensor immediate notice of all measures undertaken on behalf of Licensee to investigate, remediate, respond to or otherwise cure such release or violation.
- 17.4 If Licensor has notice from Licensee or otherwise of a release or violation of Environmental Laws arising in any way with respect to the Pipeline which occurred or may occur during the term of this License, Licensor may require Licensee, at Licensee's sole risk and expense, to take timely

measures to investigate, remediate, respond to or otherwise cure such release or violation affecting the Premises or Licensor's right-of-way.

- 17.5 Licensee shall promptly report to Licensor in writing any conditions or activities upon the Premises known to Licensee which create a risk of harm to persons, property or the environment and shall take whatever action is necessary to prevent injury to persons, property, or the environment arising out of such conditions or activities; provided, however, that Licensee's reporting to Licensor shall not relieve Licensee of any obligation whatsoever imposed on it by this License. Licensee shall promptly respond to Licensor's request for information regarding said conditions or activities.

## **DISCLAIMER OF WARRANTIES**

### 18. No Warranties.

18.1 **LICENSOR'S DUTIES AND WARRANTIES ARE LIMITED TO THOSE EXPRESSLY STATED IN THIS LICENSE AND SHALL NOT INCLUDE ANY IMPLIED DUTIES OR IMPLIED WARRANTIES, NOW OR IN THE FUTURE. NO REPRESENTATIONS OR WARRANTIES HAVE BEEN MADE BY LICENSOR OTHER THAN THOSE CONTAINED IN THIS LICENSE. LICENSEE HEREBY WAIVES ANY AND ALL WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE PREMISES OR WHICH MAY EXIST BY OPERATION OF LAW OR IN EQUITY, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY, HABITABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

18.2 **LICENSOR MAKES NO WARRANTY, REPRESENTATION OR CONDITION OF ANY KIND, EXPRESS OR IMPLIED, CONCERNING (A) THE SCOPE OF THE LICENSE OR OTHER RIGHTS GRANTED HEREUNDER TO LICENSEE OR (B) WHETHER OR NOT LICENSEE'S CONSTRUCTION, MAINTENANCE, OWNERSHIP, USE OR OPERATION OF THE PIPELINE WILL VIOLATE OR INFRINGE UPON THE RIGHTS, INTERESTS AND ESTATES OF THIRD PARTIES, INCLUDING, WITHOUT LIMITATION, ANY LEASES, USE RIGHTS, EASEMENTS AND LIENS OF ANY THIRD PARTY.**

19. Disclaimer of Warranty for Quiet Enjoyment. **LICENSOR DOES NOT WARRANT ITS TITLE TO THE PREMISES NOR UNDERTAKE TO DEFEND LICENSEE IN THE PEACEABLE POSSESSION OR USE THEREOF. NO COVENANT OF QUIET ENJOYMENT IS MADE.**

20. Eviction at Risk of Licensee. In case of the eviction of Licensee by anyone owning, claiming title to, or claiming any interest in the Premises, or by the abandonment by Licensor of the affected rail corridor, Licensor shall not be liable (i) to refund Licensee any compensation paid hereunder, except for the pro-rata part of any recurring charge paid in advance, or (ii) for any damage Licensee sustains in connection with the eviction.

## **LIENS AND TAXES**

21. Liens and Charges. Licensee shall promptly pay and discharge any and all liens arising out of any construction, alterations or repairs done, suffered or permitted to be done by Licensee on Premises. Licensor is hereby authorized to post any notices or take any other action upon or with respect to Premises that is or may be permitted by law to prevent the attachment of any such liens to Premises; provided, however, that failure of Licensor to take any such action shall not relieve Licensee of any obligation or liability under this **Section 21** or any other Section of this License.

22. Taxes. Licensee shall pay when due any taxes, assessments or other charges (collectively, "**Taxes**") levied or assessed by any governmental or quasi-governmental body upon the Pipeline or any other improvements constructed or installed on the Premises by or for Licensee (collectively, the "**Improvements**") or any Taxes levied or assessed against Licensor or the Premises that are attributable to the Improvements.

**DEFAULT, TERMINATION, AND SURRENDER**

23. Default and Termination. In addition to and not in limitation of Licensor's right to terminate for failure to provide evidence of insurance as required pursuant to the terms of **Section 15**, the following events are also deemed to be events of default pursuant to which Licensor has the right to terminate as set forth below:
- 23.1 If default shall be made in any of Licensee's covenants, agreements, or obligations contained in this License and Licensee fails to cure said default within thirty (30) days after written notice is provided to Licensee by Licensor, or in case of any assignment or transfer of this License in violation of **Section 26** below, Licensor may, at its option, terminate this License by serving five (5) days' notice in writing upon Licensee. Notwithstanding the foregoing, Licensor shall have the right to terminate this License immediately if Licensee fails to provide evidence of insurance as required in **Section 15**.
- 23.2 Should Licensee not comply fully with the obligations of **Section 17** regarding the handling or transporting of hazardous waste or hazardous material, notwithstanding anything contained in any other provision of this License, Licensor may, at its option, terminate this License by serving five (5) days' notice of termination upon Licensee.
- 23.3 Any waiver by Licensor of any default or defaults shall not constitute a waiver of the right to terminate this License for any subsequent default or defaults, nor shall any such waiver in any way affect Licensor's ability to enforce any Section of this License. The remedy set forth in this **Section 23** shall be in addition to, and not in limitation of, any other remedies that Licensor may have at law or in equity.
- 23.4 In addition to and not in limitation of Licensor's rights to terminate this License for failure to provide evidence of insurance or occurrence of defaults as described above, this License may be terminated by either party, at any time, by serving thirty (30) days' written notice of termination upon the other party. Such termination shall not release either party hereto from any liability or obligation under the License, whether of indemnity or otherwise, resulting from any acts, omissions or events happening prior to the date of termination or thereafter in case by the terms of the License it is provided that anything shall or may be done after termination hereof.
24. Surrender of the Premises.
- 24.1 On or before expiration or termination of this License for any reason, Licensee shall, at its sole cost and expense:
- 24.1.1 if so directed by Licensor in writing, remove the Improvements, the Pipeline and all appurtenances thereto, or, at the sole discretion of Licensor, fill and cap or otherwise appropriately decommission the Pipeline with a method satisfactory to Licensor;
- 24.1.2 report and restore any damage to the Premises or Licensor's other property arising from, growing out of, or connected with Licensee's use of the Premises;
- 24.1.3 remedy any unsafe conditions on the Premises created or aggravated by Licensee; and
- 24.1.4 leave the Premises in substantially the condition which existed as of the Effective Date.
- 24.2 Upon any expiration or termination of this License, if Licensee fails to surrender the Premises to Licensor or if Licensee fails to complete its obligations under **Section 24.1** above (the "**Restoration Obligations**"), Licensee shall have a limited license to enter upon the Premises solely to the extent necessary for Licensee to complete the Restoration Obligations, and all liabilities and obligations of Licensee hereunder shall continue in effect until the Premises are surrendered and the Restoration Obligations are completed. Neither termination nor expiration shall release Licensee from any liability or obligation under this License, whether of indemnity or otherwise, resulting from any acts,

omissions or events happening prior to the date of termination, or, if later, the date when Licensee surrenders the Premises and all of the Restoration Obligations are completed.

- 24.3 If Licensee fails to complete the Restoration Obligations within thirty (30) days after the date of such termination of its tenancy, then Licensors may, at its election, either: (i) remove the Pipeline and the other Improvements or otherwise restore the Premises, and in such event Licensee shall, within thirty (30) days after receipt of bill therefor, reimburse Licensors for cost incurred, (ii) upon written notice to Licensee, take and hold the Pipeline and the other Improvements and personal property as its sole property, without payment or obligation to Licensee therefor, or (iii) specifically enforce Licensee's obligation to restore and/or pursue any remedy at law or in equity against Licensee for failure to so restore. Further, if Licensors has consented to the Pipeline and the other Improvements remaining on the Premises following termination, Licensee shall, upon request by Licensors, provide a bill of sale in a form acceptable to Licensors conveying the Pipeline and the other Improvements to Licensors.

## MISCELLANEOUS

25. Successors and Assigns. All provisions contained in this License shall be binding upon, inure to the benefit of, and be enforceable by the respective successors and assigns of Licensors and Licensee to the same extent as if each such successor and assign was named a party to this License.
26. Assignment.
- 26.1 Licensee may not sell, assign, transfer, or hypothecate this License or any right, obligation, or interest herein (either voluntarily or by operation of law, merger, or otherwise) without the prior written consent of Licensors, which consent may not be unreasonably withheld or delayed by Licensors. Any attempted assignment by Licensee in violation of this **Section 26** shall be a breach of this License and, in addition, shall be voidable by Licensors in its sole and absolute discretion.
- 26.2 For purposes of this **Section 26**, the word "assign" shall include without limitation (a) any sale of the equity interests of Licensee following which the equity interest holders of Licensee immediately prior to such sale own, directly or indirectly, less than 50% of the combined voting power of the outstanding voting equity interests of Licensee, (b) any sale of all or substantially all of the assets of (i) Licensee and (ii) to the extent such entities exist, Licensee's parent and subsidiaries, taken as a whole, or (c) any reorganization, recapitalization, merger or consolidation involving Licensee. Notwithstanding the foregoing, any reorganization, recapitalization, merger or consolidation following which the equity interest holders of Licensee immediately prior to such reorganization, recapitalization, merger or consolidation own, directly or indirectly, at least 50% of the combined voting power of the outstanding voting equity interests of Licensee or any successor thereto or the entity resulting from such reorganization, recapitalization, merger or consolidation shall not be deemed an assignment. THIS LICENSE SHALL NOT RUN WITH THE LAND WITHOUT THE EXPRESS WRITTEN CONSENT OF LICENSORS, SUCH CONSENT TO BE IN LICENSORS'S SOLE DISCRETION.
- 26.3 Notwithstanding the provisions of **Section 26.1** above or anything contained in this License to the contrary, if Licensee sells, assigns, transfers, or hypothecates this License or any interest herein in contravention of the provisions of this License (a "**Purported Assignment**") to another party (a "**Purported Transferee**"), the Purported Transferee's enjoyment of the rights and privileges granted under this License shall be deemed to be the Purported Transferee's agreement to be bound by all of the terms and provisions of this License, including but not limited to the obligation to comply with the provisions of **Section 15** above concerning insurance requirements. In addition to and not in limitation of the foregoing, Licensee, for itself, its successors and assigns, shall indemnify, defend and hold harmless Licensors for all Liabilities of any nature, kind or description of any person or entity directly or indirectly arising out of, resulting from or related to (in whole or in part) a Purported Assignment.
- 26.4 The provisions of this **Section 26** shall survive the expiration or earlier termination of this License.

27. Notices. Any notice, invoice, or other writing required or permitted to be given hereunder by one party to the other shall be in writing and the same shall be given and shall be deemed to have been served and given if (i) placed in the United States mail, certified, return receipt requested, or (ii) deposited into the custody of a nationally recognized overnight delivery service, addressed to the party to be notified at the address for such party specified below, or to such other address as the party to be notified may designate by giving the other party no less than thirty (30) days' advance written notice of such change in address.

If to Licensor: Jones Lang LaSalle Brokerage, Inc.  
4200 Buckingham, Suite 110  
Fort Worth, TX 76155  
Attn: Permits/Licenses

with a copy to: BNSF Railway Company  
2310 Lou Menk Dr. –GOB3W  
Fort Worth, TX 76131  
Attn: Senior Manager Real Estate

If to Licensee: Inland Empire Utilities Agency  
PO Box 9020  
Chino Hills, California 91709  
Attn:

28. Survival. Neither termination nor expiration will release either party from any liability or obligation under this License, whether of indemnity or otherwise, resulting from any acts, omissions or events happening prior to the date of termination or expiration, or, if later, the date when the Pipeline and the other Improvements are removed and the Premises are restored to its condition as of the Effective Date.
29. Recordation. It is understood and agreed that this License shall not be placed or allowed to be placed on public record.
30. Applicable Law. All questions concerning the interpretation or application of provisions of this License shall be decided according to the substantive laws of the State of Texas without regard to conflicts of law provisions.
31. Severability. To the maximum extent possible, each provision of this License shall be interpreted in such manner as to be effective and valid under applicable law, but if any provision of this License shall be prohibited by, or held to be invalid under, applicable law, such provision shall be ineffective solely to the extent of such prohibition or invalidity, and this shall not invalidate the remainder of such provision or any other provision of this License.
32. Integration. This License is the full and complete agreement between Licensor and Licensee with respect to all matters relating to Licensee's use of the Premises, and supersedes any and all other agreements between the parties hereto relating to Licensee's use of the Premises as described herein. However, nothing herein is intended to terminate any surviving obligation of Licensee or Licensee's obligation to defend and hold Licensor harmless in any prior written agreement between the parties.
33. Joint and Several Liability. If Licensee consists of two or more parties, all the covenants and agreements of Licensee herein contained shall be the joint and several covenants and agreements of such parties.
34. Waiver. The waiver by Licensor of the breach of any provision herein by Licensee shall in no way impair the right of Licensor to enforce that provision for any subsequent breach thereof.

35. Interpretation.

35.1 This License shall be interpreted in a neutral manner, and not more strongly for or against any party based upon the source of the draftsmanship; both parties hereby agree that this License shall not be subject to the principle that a contract would be construed against the party which drafted the same. Article titles, headings to sections and paragraphs and the table of contents (if any) are inserted for convenience of reference only and are not intended to be a part or to affect the meaning or interpretation hereof. The exhibit or exhibits referred to herein shall be construed with and as an integral part of this License to the same extent as if they were set forth verbatim herein.

35.2 As used herein, "include", "includes" and "including" are deemed to be followed by "without limitation" whether or not they are in fact followed by such words or words of like import; "writing", "written" and comparable terms refer to printing, typing, lithography and other means of reproducing words in a visible form; references to any person are also to that person's successors and permitted assigns; "hereof", "herein", "hereunder" and comparable terms refer to the entirety hereof and not to any particular article, section, or other subdivision hereof or attachment hereto; references to any gender include references to the masculine or feminine as the context requires; references to the plural include the singular and vice versa; and references to this License or other documents are as amended, modified or supplemented from time to time.

36. Counterparts. This License may be executed in multiple counterparts, each of which shall, for all purposes, be deemed an original but which together shall constitute one and the same instrument, and the signature pages from any counterpart may be appended to any other counterpart to assemble fully executed documents, and counterparts of this License may also be exchanged via email or electronic facsimile machines and any email or electronic facsimile of any party's signature shall be deemed to be an original signature for all purposes.

**END OF PAGE – SIGNATURE PAGE FOLLOWS**



37. Licensor's Representative. Jones Lang LaSalle Brokerage, Inc. is acting as representative for BNSF Railway Company.

This License has been duly executed by the parties hereto as of the date below each party's signature; to be effective, however, as of the Effective Date.

**LICENSOR:**

**BNSF RAILWAY COMPANY**, a Delaware corporation

**By:** Jones Lang LaSalle Brokerage, Inc.,  
4200 Buckingham Road, Suite 110  
Fort Worth, TX 76155

**By:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**LICENSEE:**

**INLAND EMPIRE UTILITIES AGENCY** a California, corporation

PO Box 9020  
Chino Hills, California 91709

**By:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**EXHIBIT "A"**  
 ATTACHED TO CONTRACT BETWEEN  
**BNSF RAILWAY COMPANY**  
 AND

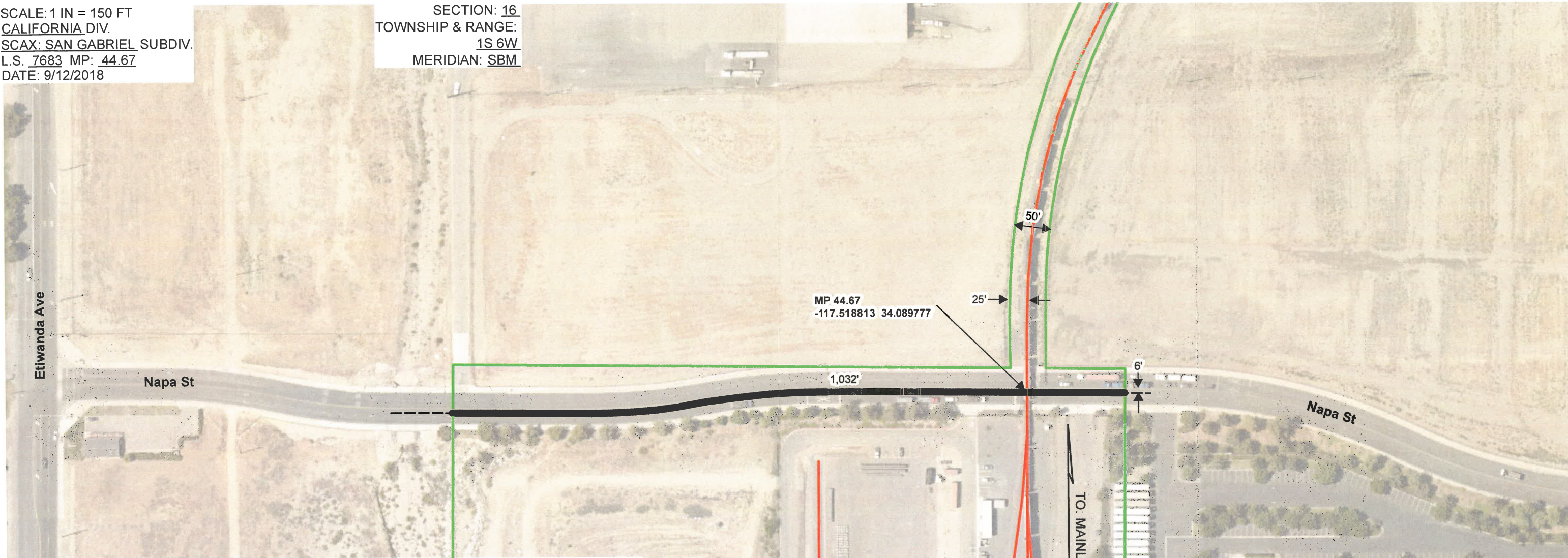
**INLAND EMPIRE UTILITIES AGENCY**



TRIM LINE

SCALE: 1 IN = 150 FT  
 CALIFORNIA DIV.  
 SCAX: SAN GABRIEL SUBDIV.  
 L.S. 7683 MP: 44.67  
 DATE: 9/12/2018

SECTION: 16  
 TOWNSHIP & RANGE:  
 1S 6W  
 MERIDIAN: SBM



DESCRIPTION OF PIPELINE  
 PIPELINE SHOWN BOLD

	CARRIER PIPE	CASING PIPE		CARRIER PIPE	CASING PIPE
SIZE:	24"	36"	LENGTH ON RW:	1,032'	1,032'
CONTENTS:	RECYCLED WATER CEMENT MORTARED AND LINED STEEL		WORKING PRESSURE:	70-90 PSI	
PIPE MATERIAL:	STEEL		BURY: BASE/RAIL TO TOP OF CASING	6'	
SPECIFICATIONS / GRADE:	AWWA C-205 35,000 PSI		BURY: NATURAL GROUND	3'	
WALL THICKNESS:	3.75" 0.188"		BURY: ROADWAY DITCHES	3'	
COATING:	CEMENT MORTAR -		CATHODIC PROTECTION	YES	

VENTS: NUMBER 2 SIZE 2" HEIGHT OF VENT ABOVE GROUND 48"

NOTE: CASING TO BE JACKED OR DRY BORED ONLY

CUCAMONGA  
 COUNTY OF SAN BERNARDINO

STATE OF CA

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

# Bartlett & West

## Concerns/Comments:

I ADDED 2 VENTS BECAUSE IF IT BEING RECYCLED WATER AND NO MENTION OF THE SOURCE

KAREN HERRMANN  
9/11/2018

Bartlett & West Preparer: \_\_\_\_\_

Bartlett & West Approval: \_\_\_\_\_

Tino Ramos  
9/12/2018

# **Attachment 2**

BNSF LICENSE AGREEMENT FOR 1032 FEET

NAPA STREET

AUTO CLUB SPEEDWAY

CHERRY AVENUE

ETIWANDA AVENUE

RP4

CALIFORNIA STEEL INDUSTRIES

SAN BERNARDINO AVENUE

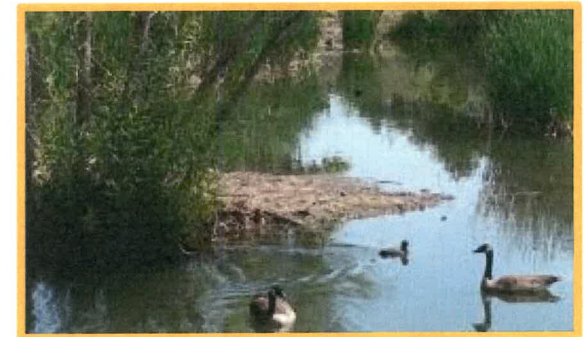


**INFORMATION**

**ITEM**

**2A**

# 4th Quarter Planning & Environmental Resources Update



# Regulatory Compliance Update

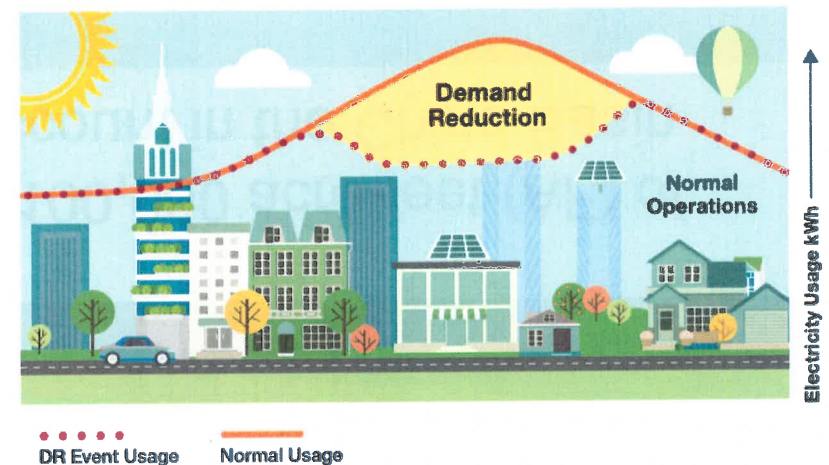
- Regional Water Quality Control Board
  - All Facilities – 100% compliance
  - Sanitary Sewer Overflow
    - Preserve Lift Station Manhole (Cat. 2)
    - El Prado Golf Course Manhole (Cat. 3)
- Air Quality Management District
  - RP-1 Flare
  - Inspections – No Issues
    - IERCF, RP-4, San Bernardino LS, RP-2 Portable Equipment
- Division of Drinking Water
  - CDA1 and GWR – 100% compliance





# Automated Demand Response

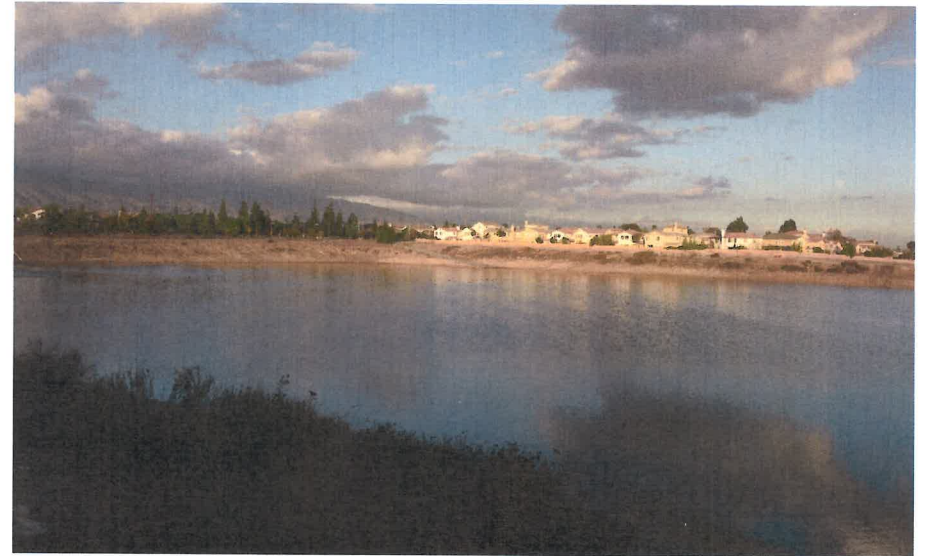
- Southern California Edison (SCE) Program
  - Reduce Energy Cost
  - Prevent Power Shortages
- IEUA Participation with Advanced Microgrid Solution (AMS)
  - Incentives
    - Guaranteed minimum savings
  - Fully Automated
  - No Impact to Operation



# Dry Year Yield (DYY)

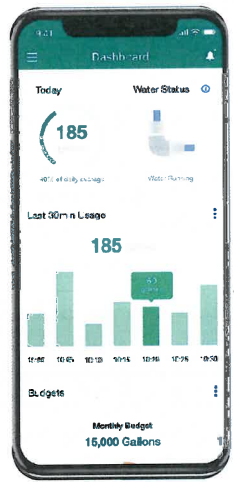
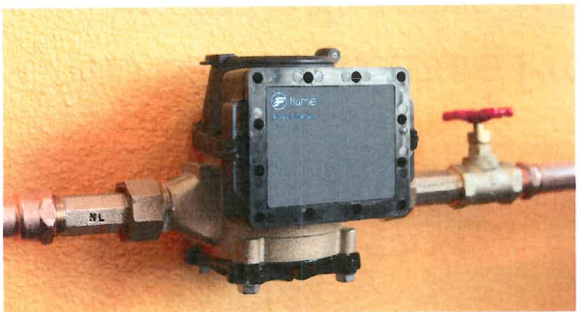
Program provides for the storage of up to 100,000 acre-feet (AF) of water in a Metropolitan (MWD) Storage Account in the Chino Basin

- Status
  - 41,400 AF in Storage Account
- MWD Request to Store Water
  - 5,000 AF (FY 18/19)
  - 25,000 AF (FY 19/20)



# Regional Water Use Efficiency Pilot Programs

- Smartscape Landscape Irrigation Tune-up Program (Prop 84 – Grant-SAWPA)
  - Launched in February 2019
  - Program fully prescribed by April 30, 2019
  - Customer wait-list to be honored in July 2019
  - New IEUA Program included in FY 19/20
    - Irrigation audit and tune-up
      - Irrigation Evaluation
      - Controller Programming and Scheduling
      - Valve Replacement and Wiring as needed
      - Sprinkler Raising and Replacement
      - Minor Irrigation Repairs – Lateral Lines or Drip
- Residential Leak Detection Pilot Program
  - Launch July 2019
  - \$40 Customer Co-Pay
  - Mobile App and Water Sensor
    - Real Time Water Management
    - Leak Alert Notifications



# Regional Water Use Efficiency

- MWD Turf Replacement Program

- No Change to Rebate: \$3 per sq. ft. (Res/CII)

- MWD = \$2 per sq. ft.
- IEUA = \$1 per sq. ft.

- Applications received FY18/19

- Residential: 264
- Commercial: 44

- Projects Completed FY18/19

- Residential: 69 (85,000 sq. ft.)
- Commercial: 8 (46,000 sq. ft.)

- Chino Basin Agriculture Program

- Launched in November 2018

- CBWM presented Program to Ag Pool Reps

- Member agencies continue customer outreach



**INFORMATION**  
**ITEM**  
**2B**

# Engineering and Construction Management Project Updates



Well Head PX1 and PX2



RP-5 Recycled Water Piping



Existing Air Vac in Vault

# RP-5 RW Pipeline Bottleneck

Project Goal: Increase Asset Life and Improve Efficiency



Piping Upgrade in Progress

**Total Project Budget: \$3.1 M**  
**Project Completion: September 2019**  
**Construction Percent Complete: 30%**

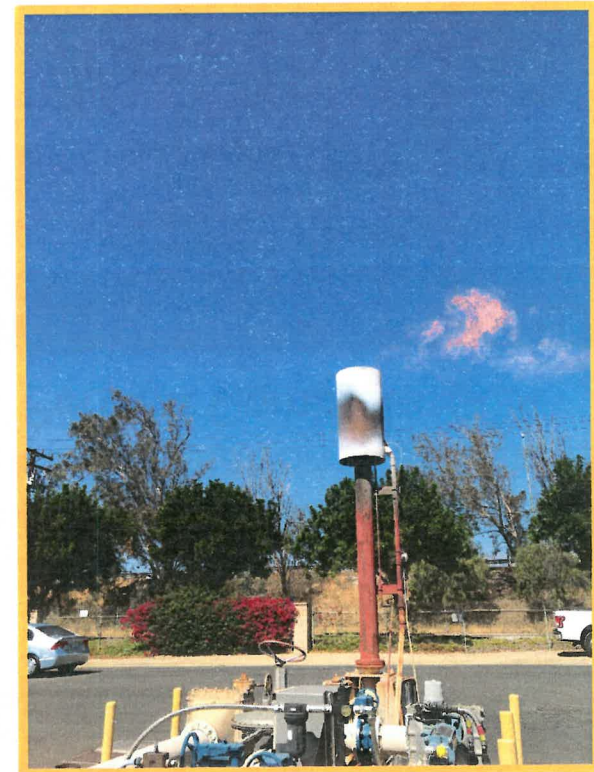
Phase	Consultant/ Contractor	Current Contract	Amendments/ Change Orders
Design	Stantec Consulting, Inc.	\$202 K	57%
Construction (Current)	T.E. Roberts	\$2.0 M	0.00%

# RP-1 Flare Improvements

Project Goal: Compliance, safety, performance, and reliability.

**Total Project Budget: \$5.5 M**  
**Project Completion: October 2020**  
**Percent Design Complete: 70%**

Phase	Consultant/ Contractor	Current Contract	Amendments/ Change Orders
Design (Current)	Lee & Ro	\$417 K	10.35%
Construction	-	\$0	0.0%

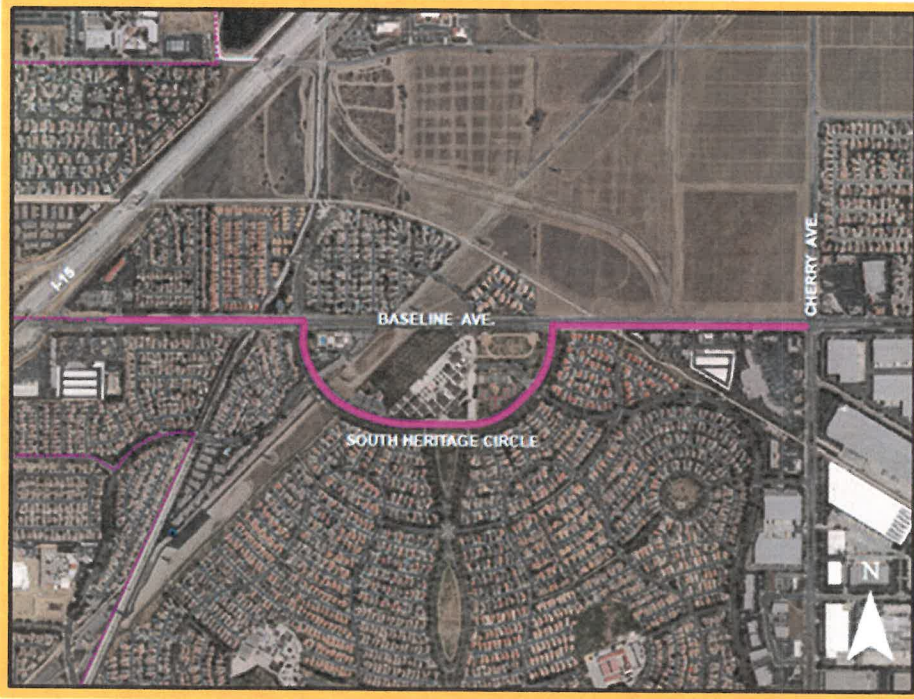


Existing Candlestick Flare



# Baseline Recycled Water Pipeline Extension

Project Goal: Increase Recycled Water Usage



Proposed Alignment

**Total Project Budget: \$6.7 M**  
**Project Completion: February 2020**  
**Percent Complete: 30%**

Phase	Consultant/ Contractor	Current Contract	Amendments/ Change Orders
Design	Carollo Engineers	\$556 K	2.52%
Construction (Current)	Trautwein Construction	\$4.9M	1.53%

# RP-4 Outfall Pipeline Air Release Valve Replacement/ Relocation

**Project Goal: Increase staff safety, asset life, and air/vacuum relief in pipeline on the RP-4 Outfall Pipeline**

**Total Project Budget: \$945 K**

**Project Completion: August 2019**

**Construction Percent Complete: 15%**

Phase	Consultant/ Contractor	Current Contract	Amendments/ Change Orders
Design	CASC	\$78 K	15.76%
Construction (Current)	AToM Engineering	\$598 K	0.00%



Existing Air Vac in Vault

# CBWM Pomona Extensometer Construction

Project Goal: New CBWM wells to record subsidence and groundwater levels



Montvue Park in Pomona (Location of Monitoring Wells)

**Total Project Budget: \$1.5 M**  
**Project Completion: June 2019**  
**Construction Percent Complete: 85%**

Phase	Consultant/ Contractor	Current Contract	Amendments/ Change Orders
Design	CBWM	N/A	N/A
Construction (Current)	Cascade	\$1.2 M	2.42%

# Montclair Basin Improvements

Project Goal: Divert Additional Storm Water for GWR

**Total Project Budget: \$1.8M**  
**Project Completion: November 2020**  
**Design Percent Complete: 95%**

Phase	Consultant/ Contractor	Current Contract	Amendments/ Change Orders
Design (Current)	Carollo	\$156 K	2.5%
Construction	TBD	TBD	TBD



Conservation District's Basin