

**NOTICE OF SPECIAL MEETING  
OF THE  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY  
PROJECT COMMITTEE NO. 15**

**November 3, 2022  
10:30 a.m.**

**(Note the PC 15 Special Meeting will convene immediately following the regular  
SOCWA Board Meeting)**

**PHYSICAL MEETING LOCATION:  
34156 Del Obispo, Dana Point, CA 92629**

**Join Zoom Meeting by clicking on the link below:**

Join Zoom Meeting  
<https://socwa.zoom.us/>

Meeting ID: 875 1852 3126  
Passcode: 599662

One tap mobile  
+16694449171,,87518523126#,,,,\*599662# US  
+16699006833,,87518523126#,,,,\*599662# US (San Jose)

Dial by your location  
+1 669 444 9171 US  
+1 669 900 6833 US (San Jose)  
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+1 719 359 4580 US  
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NOTICE IS HEREBY GIVEN THAT A SPECIAL MEETING OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY (SOCWA) PROJECT COMMITTEE 15 IS CALLED TO BE AN IN PERSON MEETING FOR BOARD MEMBERS (WITH A QUORUM OF THE BOARD ATTENDING IN PERSON). IN ACCORDANCE WITH AB 361, PUBLIC ATTENDEES ARE INVITED TO PARTICIPATE AND MAY JOIN THE MEETING VIA ONLINE FOR VISUAL INFORMATION ONLY (USE THE ZOOM LINK ABOVE) AND BY TELECONFERENCE PHONE NUMBER FOR AUDIO PARTICIPATION (USE THE PHONE NUMBERS ABOVE). THE IN PERSON MEETING WILL BE HELD NOVEMBER 3, 2022 AT 10:30 A.M. (OR IMMEDIATELY FOLLOWING THE REGULAR BOARD MEETING) AND IS LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CALIFORNIA. NOTE THAT DURING THE PERIOD OF COMPLIANCE WITH AB 361 SOCWA BOARD MEMBERS MAY ELECT TO ATTEND VIA ZOOM AND TELECONFERENCE UTILIZING THE SAME CONNECTIONS AS THE PUBLIC ATTENDEES.

November 3, 2022

FOR PERSONS PARTICIPATING VIRTUALLY, NOTE THAT THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING SO PLEASE REFER TO AGENDA MATERIALS AS POSTED ON THE WEBSITE AT [WWW.SOCWA.COM](http://WWW.SOCWA.COM). ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION.

PUBLIC COMMENTS WILL BE TAKEN DURING THE MEETING FOR ORAL COMMENTS. COMMENTS MAY ALSO BE SUBMITTED PRIOR TO THE MEETING VIA EMAIL TO ASSISTANT SECRETARY DANITA HIRSH AT [DHIRSH@SOCWA.COM](mailto:DHIRSH@SOCWA.COM).

IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST DISABILITY RELATED ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE SCHEDULED MEETING.

AGENDA ATTACHMENTS AND OTHER WRITINGS THAT ARE DISCLOSABLE PUBLIC RECORDS DISTRIBUTED TO ALL, OR A MAJORITY OF, THE MEMBERS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY BOARD OF DIRECTORS IN CONNECTION WITH A MATTER SUBJECT TO DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE BOARD OF DIRECTORS ARE AVAILABLE BY PHONE REQUEST MADE TO THE AUTHORITY ADMINISTRATIVE OFFICE AT 949-234-5452. THE AUTHORITY ADMINISTRATIVE OFFICES ARE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"), BUT ARE NOT OPEN TO THE PUBLIC DURING THE PERIOD OF STAY AT HOME ORDERS. IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE BOARD OF DIRECTORS LESS THAN TWENTY-FOUR (24) HOURS PRIOR TO THE MEETING, THEY WILL BE SENT TO PARTICIPANTS REQUESTING VIA EMAIL DELIVERY. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IMMEDIATELY ON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES.

## AGENDA

1. Call Meeting to Order
2. Public Comments

*THOSE WISHING TO ADDRESS THE PC 15 COMMITTEE ON ANY ITEM LISTED ON THE AGENDA WILL BE REQUESTED TO IDENTIFY AT THE OPENING OF THE MEETING AND PRIOR TO THE CLOSE OF THE MEETING. THE AUTHORITY REQUESTS THAT YOU STATE YOUR NAME WHEN MAKING THE REQUEST IN ORDER THAT YOUR NAME MAY BE CALLED TO SPEAK ON THE ITEM OF INTEREST. THE CHAIR OF THE MEETING WILL RECOGNIZE SPEAKERS FOR COMMENT AND GENERAL MEETING DECORUM SHOULD BE OBSERVED IN ORDER THAT SPEAKERS ARE NOT TALKING OVER EACH OTHER DURING THE CALL.*

3. Funding Opportunities for the Coastal Treatment Plant

- Presentation by Hazen and Sawyer

**Recommended Action:** Information item; Board Member Q&A, Board may vote on action to direct staff.

4. Proposal for Environmental Services for Mitigation Activities Related to the Export Sludge Force Main Replacement Project

**Recommended Action:** Staff recommends that the PC 15 Board of Directors approve the award of \$39,250 to Dudek for environmental services for mitigation activities related to the Export Sludge Force Main Replacement Project.

November 3, 2022

5. Community Outreach Plan for the Export Sludge Force Main Replacement Mitigation

**Recommended Action:** Staff recommends that the PC 15 Board of Directors take action to provide direction on how to proceed with implementation of the Community Outreach Plan.

Adjournment

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the SOCWA PC 15 Committee at least 24 hours prior to the scheduled time of the Special Meeting referred to above.

I hereby certify that the foregoing Notice was posted at least 24 hours prior to the time of the above-referenced PC 15 Committee at the usual agenda posting location of the South Orange County Wastewater Authority and at [www.socwa.com](http://www.socwa.com).

Dated this 29th day of October 2022.



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Betty Burnett, General Manager/Secretary  
South Orange County Wastewater Authority

# Agenda Item

3

**PC 15 Committee Meeting**

**Meeting Date:** November 3, 2022

**Budget:** n/a

**TO:** PC 15 Board of Directors

**FROM:** Betty Burnett, General Manager

**STAFF CONTACTS:** David Baranowski, Director of Engineering

**SUBJECT:** Funding Opportunities for the Coastal Treatment Plant

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## Overview

Hazen and Sawyer will present an approach to identifying and obtaining funding for potential upgrades at the Coastal Treatment Plant. The presentation will include potential funding sources that could be tapped for projects addressing drought resiliency, water supply reliability, and multi-benefit options.

**Recommended Action:** Information item; Board Member Q&A, Board may vote on action to direct staff.

# Agenda Item

# 4

**PC 15 Committee Meeting**

**Meeting Date:** November 3, 2022

**Budget:** 3541-000 - \$438,870

**TO:** PC 15 Board of Directors

**FROM:** Betty Burnett, General Manager

**STAFF CONTACTS:** David Baranowski, Director of Engineering

**SUBJECT:** Proposal for Environmental Services for Mitigation Activities Related to the Export Sludge Force Main Replacement Project

## Background

On March 17, 2022, Staff provided the PC 15 Board of Directors with an update on the environmental restoration and mitigation efforts related to the Export Sludge Force Main Replacement project. Table 1 provides an updated summary of those restoration and mitigation activities.

Table 1 – Restoration and Mitigation Activity Summary

Item	Activity	Status	Start Date
1	Construction Corridor Restoration (Hydroseed)	Ongoing (Monitoring)	Apr. 2022
2	Creek Bank Stabilization	Planning/Permitting	TBD
3	Upland Mitigation Site	Planning	Nov. 2022
4	Wetlands Mitigation Site	Planning	Nov. 2022

Staff received direction from the California Coastal Commission to update the Habitat Mitigation and Monitoring Plan (HMMP) based on the actual construction disturbances, separate the HMMP into two documents (one for the force main impacts that have already occurred and a second for the creek bank stabilization impacts that have yet to occur), submit for approval, and proceed with the mitigation work. Staff requires assistance from an environmental consulting firm to update the HMMP and to submit for Coastal Commission approval.

## Environmental Services Proposal

Dudek prepared the original HMMP and has supported SOCWA throughout the permitting process thus far. Dudek submitted a proposal to assist Staff with updating the HMMP for the force main impacts per the Coastal Commission direction. The proposal covers the following services:

- Evaluate potential mitigation sites to satisfy the permits
- Coordination between SOCWA, Coastal Commission, and OC Parks
- Prepare and submit revised HMMP for the force main impacts to the Coastal Commission for approval

Staff would like to make the Directors aware that this proposal only covers a portion of the remaining mitigation activities. The attached workflow illustrates the scope of the remaining activities and identifies the ones that are included in the Dudek scope of work. At this time, there is not enough known about the mitigation sites to be able to prepare a scope of work and cost estimate for the design phase. Dudek’s proposal gives ranges of costs for the design, bidding support, construction support, and monitoring phases. Additionally, there is an entirely separate set of work that needs to be done for the creek bank stabilization efforts.

**Fiscal Impact**

Dudek’s proposed fee for this work is \$39,250. The budget for this fiscal year includes \$438,000 for this project. Table 2 below shows the allocation of these costs by member agencies.

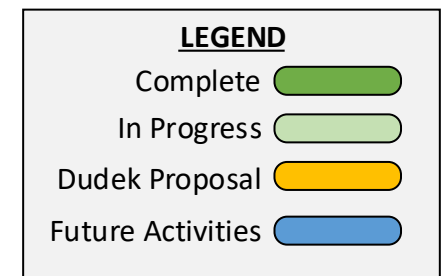
Table 2 – Cost Allocation by Member Agency

<b>Agency</b>	<b>Dudek Environmental Services</b>
	3541-000
CLB	\$14,879.85
EBSD	\$1,171.64
MNWD	\$11,482.09
SCWD	\$11,716.42
<b>Total</b>	<b>\$39,250.00</b>

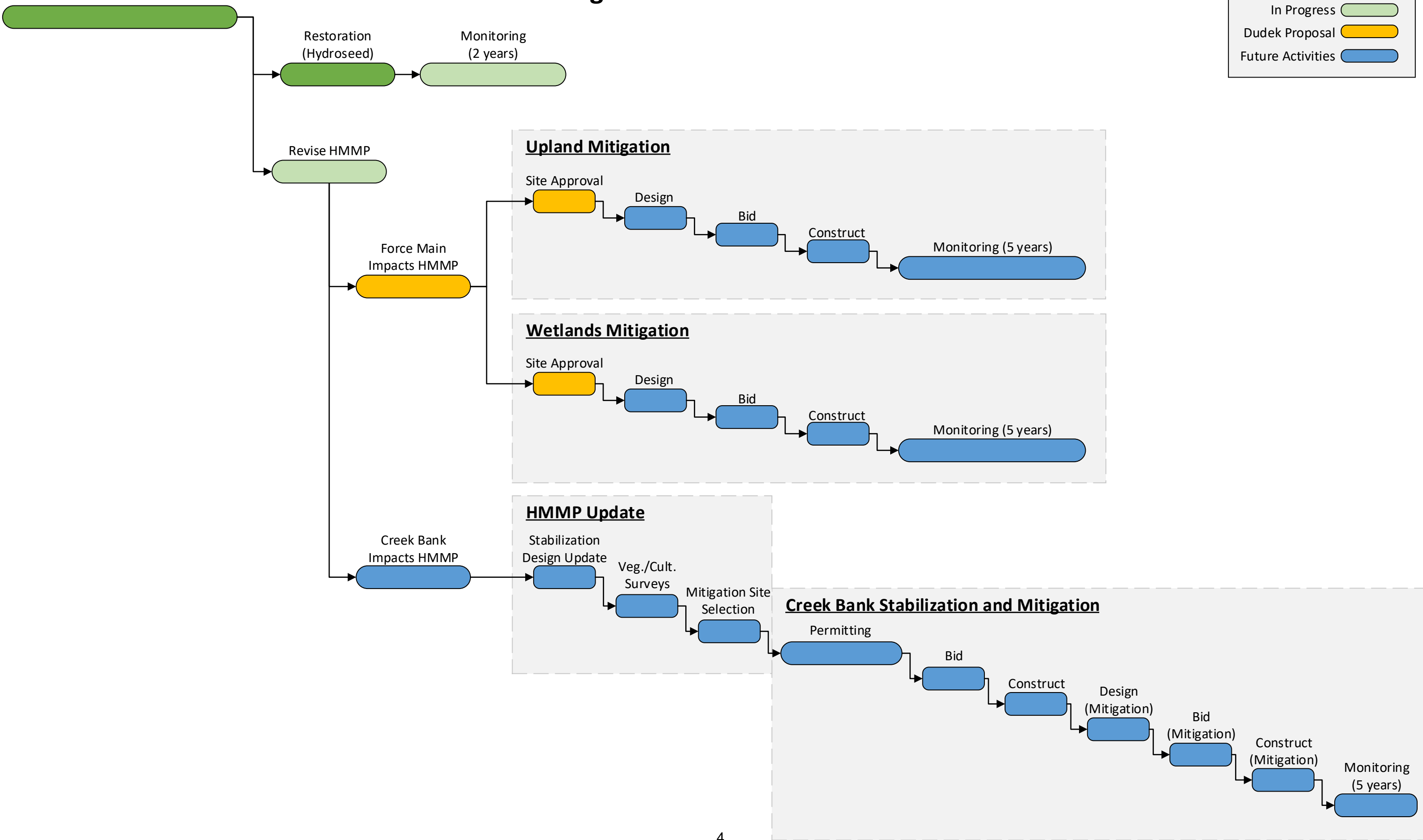
**Recommended Action:** Staff recommends that the PC 15 Board of Directors approve the award of \$39,250 to Dudek for environmental services for mitigation activities related to the Export Sludge Force Main Replacement Project.

/Attachment:  
Mitigation Activities Workflow  
Dudek Proposal

# Export Sludge Force Main Replacement Project Mitigation Activities Workflow



Export Sludge Force Main Construction



October 26, 2022

David Baranowski  
South Orange County Wastewater Authority  
34156 Del Obispo Road  
Dana Point, California 92629

**Subject: Proposal to Provide Continued Environmental Consulting Services for the Coastal Treatment Plant Export Sludge Force Main Replacement Project**

Dear Mr. Baranowski:

Dudek is pleased to submit this proposal to provide additional environmental consulting services for the Coastal Treatment Plant Export Sludge Force Main Replacement Project (project) located along lower Aliso Creek in the Aliso and Wood Canyons Wilderness Park. As requested, this proposal addresses the range of services needed to address compliance requirements associated with installation of the force main only, which was completed in February 2022. This proposal includes the following tasks:

- Conducting an evaluation of mitigation opportunities in the Aliso and Wood Canyons Wilderness Park to address CDPA mitigation requirements related to the force main installation work;
- Coordinating with and obtaining OC Parks approval of the mitigation sites;
- Preparing a standalone Habitat Mitigation and Monitoring Plan (HMMP) that addresses impacts to special-status uplands and riparian areas that occurred during installation of the force main; and,
- Coordinating with and obtaining CCC approval of the HMMP.

As you are aware, during replacement of the force main, additional work space was needed along the alignment corridor to allow for equipment access and to allow crews to adapt to unforeseen changes in topography. This resulted in an increase in impacts to sensitive vegetation communities under the jurisdiction of the California Coastal Commission (CCC) beyond what was authorized in the Coastal Development Permit Amendment (CDPA) issued for the project in 2020. The CCC was made aware of the situation, and they requested we prepare a memorandum comparing CDPA-authorized impacts to the as-built condition. This memorandum was submitted by South Orange County Wastewater Authority (SOCWA) to CCC staff in early May 2022. On June 2, 2022, Meg Vaughn from the CCC directed SOCWA to separate the existing agency-approved HMMP for the project into two separate, standalone plans. One HMMP will address the force main replacement work that was completed in February 2022 and the other will address the future bank stabilization work. The HMMP for the force main will recognize the increased area of impact and identify the increased mitigation area based on the required mitigation ratios specified in the CDPA.



This proposal has been organized into those tasks that are dedicated to the force main replacement work only. Should SOCWA decide to proceed with the bank stabilization work at some point in the future an additional cost proposal will be provided outlining those services.

Dudek's scope of services to address the mitigation strategy for the force main replacement work is described in more detail below.

## **TASK 1 MITIGATION PLAN FOR FORCE MAIN IMPACTS**

The purpose of Task 1 is to prepare a revised, standalone HMMP to address the force main impacts only and to obtain approval of this document by CCC staff.

### **Task 1.1 Comprehensive Mitigation Sites Assessment**

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Because installation of the force main incurred additional impacts to sensitive vegetation communities beyond what was authorized in the CDPA, additional mitigation acreage is required to adequately compensate for these impacts. The CDPA requires a 3:1 ratio for impacts to sensitive upland communities and a 4:1 ratio for impacts to wetlands and riparian areas. Based on a review of the as-built impact conditions and taking into account the 1:1 restoration in place that already occurred with the hydroseed application in April 2022 SOCWA will need to provide an additional 11.38 acres of sensitive upland mitigation and an additional 3.69 acres of riparian mitigation within the coastal zone portion of the Aliso and Wood Canyons Wilderness Park.

This task will include an exhaustive evaluation of potential mitigation opportunities in the Aliso and Wood Canyons Wilderness Park to address the force main work that already occurred only. The mitigation assessment will first include a desktop evaluation of current mapping data followed by one field investigation led by two senior habitat restoration specialists with extensive familiarity and work experience in the Aliso and Wood Canyons Wilderness Park. The purpose of this exercise is to identify the full extent of restoration opportunities from existing disturbed lands in the coastal zone portion of the park. The assessment will target existing disturbed uplands and riparian areas appropriate for restoration through enhancement or creation of native habitats as required for the project. Thus, the proposed investigation will focus on identifying sufficient upland and riparian resource mitigation along Wood Canyon and along the outer tributaries and drainages within Aliso Canyon.

A series of conceptual restoration plan maps will be developed illustrating the various mitigation site opportunities to facilitate review and approval by SOCWA. Presentation maps will delineate a project boundary and proposed restoration treatment areas, provide restoration acreage by treatment area and identify adjacent native resources for context. Maps will be developed in Geographic Information System (GIS) software over a current aerial photograph base and saved in PDF format to allow for easy distribution and review. This task includes analysis and mapping of up to four potential mitigation areas (2 upland and 2 riparian). As part of this task Dudek will participate in up to two (2) meetings with SOCWA to review the concepts, address any comments, questions, and/or edits, and recirculate the final map product to SOCWA. This task does not include a detailed investigation of mitigation suitability of opportunity sites, including grading plans and cut-fill calculations, hydrology studies or cost estimates. However, should they be required at this stage in the process we would be happy to provide these services for an additional fee.

#### **Deliverables**

1. Four conceptual maps in PDF format addressing four mitigation areas (2 upland and 2 riparian)

## **Task 1.2 OC Parks Mitigation Concepts Review and Coordination**

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Once the conceptual restoration plan maps have been reviewed and approved by SOCWA, Dudek will transmit the maps to OC Parks to obtain their preliminary feedback and approval of the mitigation sites. Up to four conference calls/remote meetings with SOCWA and OC Parks is included to present the mitigation concepts and to address any comments or questions OC Parks may have. This task includes up to 10 hours of map revisions and providing written responses via email to any questions OC Parks may have regarding the mitigation site locations, size, short-term and long-term mitigation site management, etc. This task does not include conducting additional site investigations beyond what was already provided in Task 1.1. This task includes the preparation and circulation of one map revision, if needed, to SOCWA and OC Parks.

## **Task 1.3 Prepare Habitat Mitigation and Monitoring Plan**

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As directed by the CCC, Dudek will prepare a separate, standalone HMMP to address compensatory mitigation for the force main replacement work that has already occurred.

The HMMP for the force main work will focus on the increased area of impact and identify the additional mitigation area based on the required mitigation ratios established by the CCC in the CDPA. The area and types of habitat impacts outlined in Dudek's memorandum, dated April 29, 2022, will serve as the basis in describing the habitat area and types when developing the HMMP to address the increased habitat impacts caused by the pipeline replacement.

This HMMP will outline the relevant project history and purpose, describing existing conditions, outlining the project impacts that occurred and mitigation needs, detailing the proposed mitigation/revegetation strategies, as well as outlining the proposed implementation and maintenance and monitoring program. The HMMP will also describe specific site modifications necessary for establishment, restoration and/or enhancement of the mitigation areas, description of the conceptual strategies for wetland establishment, restoration and/or enhancement, habitat revegetation implementation guidelines, grading for establishment areas, detailed planting palettes, transitional upland revegetation treatments and irrigation provisions, where needed. Proposed installation methods, maintenance requirements, performance criteria and specific guidelines for the initial maintenance and monitoring of the mitigation program, will also be discussed in the HMMP.

For time savings and improved cost efficiency, Dudek will use the existing resource agency-approved HMMP as a base template to prepare the HMMP for the force main impacts as some of the content will be similar between the two reports. As part of this task, we will address three rounds of comments on the HMMP, including one round from SOCWA and two rounds from OC Parks, if necessary. It is assumed that no more than 30 hours of Dudek staff time will be needed to address comments. Additional rounds of review will be considered out of scope and will require a contract amendment. This task will conclude with one final HMMP that will be submitted to the CCC under Task 1.4.

### **Deliverables**

1. Draft HMMP (up to 3 draft HMMPs will be circulated)
2. Final HMMP (one digital copy provided)

## **Task 1.4 CCC Coordination and Mitigation Plan Approval**

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Under this task, Dudek will submit the HMMP prepared in Task 1.3 for the force main impacts to the CCC. Dudek will provide up to 30 hours of coordination with Meg Vaughn following submittal of the HMMP to address any

questions, comments, or concerns she has regarding the mitigation proposal. We will address up to three (3) rounds of CCC comments and revisions. Additional rounds of review will be considered out of scope and will require a contract amendment.

## **EXCLUSIONS**

### Mitigation Final Design and Implementation

The following tasks associated with mitigation final design and implementation are not able to be fully scoped at this time because the mitigation sites for the force main work have not yet been defined and approved. However, Dudek wants to ensure SOCWA is aware that the following tasks will still be required in order to construct the mitigation sites in compliance with the CDPA. The timing, duration and ultimately the cost of these tasks will depend on the approval process and specific requirements for mitigation site implementation. The cost estimates referenced per task represent a “ball-park” range of costs intended to be used for informational purposes only. Once we have a better understanding of how many mitigation sites will be identified and approved, where the mitigation sites will be located and what will be needed to prepare each site for implementation, specific cost estimates can be developed.

#### **Mitigation Project Assumptions:**

1. Up to four separate mitigation construction document packages may be needed to satisfy mitigation requirements.
2. Given the amount of mitigation needed to address the force main replacement work, mitigation is expected to occur at multiple sites throughout the Aliso and Wood Canyons Wilderness Park.
3. Approximately 3.69 acres of aquatic resource establishment, including grading for expanding CCC jurisdictional riparian areas adjacent to existing site drainages/riparian areas.
4. Approximately 11.38 acres of upland mitigation from existing disturbed upland habitat.

### **1.0 MITIGATION SITE IMPLEMENTATION PLANS (FINAL DESIGN)**

The standalone HMMP prepared in Task 1.3 of this proposal only includes a conceptual-level plan for the mitigation sites. Following HMMP approval, final design will be required to facilitate implementation. Final design will include development of mitigation construction document packages (CDs) including plans, specifications, and detailed cost estimates for mitigation construction. Mitigation CDs shall include design for site preparation and invasive species removal, grading (as needed), temporary irrigation, planting and seeding. Design shall also include accommodation for equipment access and staging, and temporary irrigation points of connection. Each deliverable CD will be appropriate for contractor bidding and construction.

Depending on the type and complexity of the mitigation sites, the cost for this task can vary from \$20,000 to \$80,000 per mitigation construction document package. Dudek will provide a cost proposal for this work once the mitigation sites are approved.

#### **Assumptions and Considerations:**

1. Mitigation construction document packages may combine sites that are on the same implementation timeline and are feasible for concurrent installation.
2. Riparian mitigation sites may require the development of grading plans, updating topographical survey data and hydraulic modeling for design storm flow events. This may increase CD costs

substantially. It is anticipated that at least a portion of the upland mitigation can be combined with wetland mitigation sites, both as buffer habitat and for restoration of soil export spoil sites. Cost for contractor installation not included.

## **2.0 MITIGATION SITE BIDDING AND CONSTRUCTION SERVICES**

The purpose of this task is to provide engineering and environmental support during bidding and construction. This includes answering questions during bidding, reviewing bids, responding to RFIs, and reviewing submittals.

Biological monitoring by a qualified habitat restoration specialist shall be conducted regularly for the duration of the installation period. The habitat restoration specialist will oversee contractor installation, and verify compliance with plans, specifications and environmental documents. Construction oversight will include inspection periodically with progress and at milestone events, interpretation of plans and providing recommendations for adapting installation to variable field conditions. Monitoring may also be required at an increased interval during clearing of sensitive habitat, in the presence of cultural resources or while working in streambed habitat.

Depending on the type, complexity of the mitigation sites and duration of construction, the cost for this task can vary from \$15,000 to \$80,000 per site/implementation. Dudek will provide a cost proposal for this work once the mitigation site designs are complete.

### **Assumptions and Considerations:**

Grading projects may require development of Storm Water Pollution Prevention Plans (SWPPP) by the contractor (not included in this estimate). Biological monitoring may require additional monitoring to maintain contractor compliance. Existing or discovered cultural resources may increase monitoring requirements during construction, particularly for grading projects. Construction within sensitive habitats and wetland resources may increase environmental monitoring requirements.

## **3.0 MITIGATION SITE MAINTENANCE AND MONITORING**

As required by the CDPA, maintenance and biological monitoring will be required for mitigation sites for a period of 5 years following construction. Maintenance shall be conducted by a license contractor who specializes in restoration. Biological monitoring shall be conducted by a qualified habitat restoration specialist.

Contractor maintenance shall include weed control, trash removal, erosion control, perimeter control (fencing), and operation and repair of the irrigation system for the duration of the 5-year maintenance period. The contractor shall work alongside the habitat restoration specialist to reach established project performance goals, including adapting maintenance to changing site conditions and responding with remedial measures, if needed. Maintenance is anticipated at a higher frequency following project implementation and expected to diminish over time with successful establishment.

The habitat restoration specialist will conduct regular monitoring visits to track mitigation progress and provide recommendations for contractor maintenance or remedial action, as needed. Monitoring shall also include recommendations to maintain permit compliance and annual evaluation of the site towards established performance goals. Internal progress reports shall be provided following each monitoring visit, with annual progress reports and a completion report provided at the end of the project for resource agency submittal. The

habitat restoration specialist will also be available to represent the mitigation projects for regulatory agency inquiry and for end of project review.

Depending on the type, size and complexity of the mitigation sites, annual cost for monitoring and reporting can vary from \$6,000 to \$30,000, and annual cost for maintenance can vary from \$4,000 to \$230,000 per site (please see “Assumptions and Considerations” below to address the broad cost range). Dudek will provide a cost proposal for this work once the mitigation sites are approved for construction.

**Assumptions and Considerations:**

1. Monitoring and reporting for mitigation sites may be combined if they were installed concurrently and on the same annual calendar. Biological monitoring may require annual quantitative functional assessments for wetland mitigation sites. Both monitoring and maintenance is expected to reduce over the life of the 5-year period based on successful establishment and achievement of project goals. This is reflected in the broad range of costs. Mitigation on OC Parks lands may restrict the use of non-organic herbicides which can significantly increase annual labor costs for weed control.
2. Mitigation site size can greatly influence costs, particularly for weed control. Yearly costs were calculated on a range of expected mitigation site size (from 1-acre to 20 acres).

## Summary

The services proposed and associated cost estimates are presented in Table 1. All labor hours will be billed on a time and materials basis in accordance with the Dudek 2022 Standard Schedule of Charges, not to exceed **\$39,250.00**. The scope of work and cost estimate provided reflects our current understanding of SOCWA’s immediate needs. Amendments to the scope of work and cost will be necessary if there are modifications to the project, outlined assumptions, or the required services.

**Table 1. Proposal Task Cost Summary**

Task Item	Cost
<b>Task 1. Mitigation Plan for Force Main Impacts</b>	
Task 1.1 Mitigation Sites Assessment	\$11,000
Task 1.2 OC Parks Mitigation Review and Coordination	\$6,500
Task 1.3 Prepare Habitat Mitigation and Monitoring Plan	\$14,750
Task 1.4 CCC Coordination and Mitigation Plan Approval	\$7,000
<b>Total Costs</b>	<b>\$39,250</b>

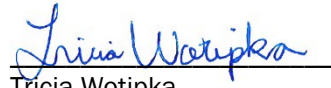
We understand the importance of the schedule and we have staff immediately available to assist with the tasks outlined in this proposal. We are prepared to begin work immediately following a written Notice to Proceed from SOCWA.

Thank you for the opportunity to continue working with you on this project. We hope that Dudek will continue to serve your needs for this effort. If you have any questions regarding this proposal, please do not hesitate to contact me at 760-420-2042 or at [twotipka@dudek.com](mailto:twotipka@dudek.com).

To: David Baranowski  
Subject: Proposal to Provide Continued Environmental Consulting Services for the Coastal Treatment Plant Export Sludge  
Force Main Replacement Project

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Sincerely,



Tricia Wotipka  
Senior Project Manager

Att: *Dudek 2022 Standard Schedule of Charges*

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# **Dudek Standard Schedule of Charges**

## DUDEK 2022 Standard Schedule of Charges

### Engineering Services

Project Director .....	\$310.00/hr
Principal Engineer III .....	\$285.00/hr
Principal Engineer II .....	\$275.00/hr
Principal Engineer I .....	\$265.00/hr
Program Manager .....	\$255.00/hr
Senior Project Manager .....	\$255.00/hr
Project Manager .....	\$245.00/hr
Senior Engineer III .....	\$240.00/hr
Senior Engineer II .....	\$230.00/hr
Senior Engineer I .....	\$220.00/hr
Project Engineer IV/Technician IV .....	\$210.00/hr
Project Engineer III/Technician III .....	\$200.00/hr
Project Engineer II/Technician II .....	\$185.00/hr
Project Engineer I/Technician I .....	\$165.00/hr
Senior Designer II .....	\$190.00/hr
Senior Designer I .....	\$185.00/hr
Designer .....	\$175.00/hr
Assistant Designer .....	\$170.00/hr
CADD Operator III .....	\$165.00/hr
CADD Operator II .....	\$155.00/hr
CADD Operator I .....	\$140.00/hr
CADD Drafter .....	\$125.00/hr
CADD Technician .....	\$115.00/hr
Project Coordinator .....	\$145.00/hr
Engineering Assistant .....	\$120.00/hr

### Environmental Services

Project Director .....	\$255.00/hr
Senior Specialist IV .....	\$235.00/hr
Senior Specialist III .....	\$225.00/hr
Senior Specialist II .....	\$210.00/hr
Senior Specialist I .....	\$195.00/hr
Specialist V .....	\$185.00/hr
Specialist IV .....	\$175.00/hr
Specialist III .....	\$165.00/hr
Specialist II .....	\$150.00/hr
Specialist I .....	\$140.00/hr
Analyst V .....	\$130.00/hr
Analyst IV .....	\$115.00/hr
Analyst III .....	\$105.00/hr
Analyst II .....	\$95.00/hr
Analyst I .....	\$85.00/hr
Technician III .....	\$75.00/hr
Technician II .....	\$65.00/hr
Technician I .....	\$55.00/hr

### Mapping and Surveying Services

Application Developer II .....	\$195.00/hr
Application Developer I .....	\$155.00/hr
GIS Analyst V .....	\$205.00/hr
GIS Analyst IV .....	\$165.00/hr
GIS Analyst III .....	\$145.00/hr
GIS Analyst II .....	\$130.00/hr
GIS Analyst I .....	\$115.00/hr
UAS Pilot .....	\$115.00/hr
Survey Lead .....	\$185.00/hr
Survey Manager .....	\$135.00/hr
Survey Crew Chief .....	\$115.00/hr
Survey Rod Person .....	\$95.00/hr
Survey Mapping Technician .....	\$95.00/hr

### Construction Management Services

Principal/Manager .....	\$195.00/hr
Senior Construction Manager .....	\$185.00/hr
Senior Project Manager .....	\$175.00/hr
Construction Manager .....	\$160.00/hr
Project Manager .....	\$150.00/hr
Resident Engineer .....	\$150.00/hr
Construction Engineer .....	\$150.00/hr
On-site Owner's Representative .....	\$140.00/hr
Prevailing Wage Inspector .....	\$139.00/hr
Construction Inspector .....	\$135.00/hr
Administrator/Labor Compliance .....	\$100.00/hr

### Hydrogeology/HazWaste Services

Project Director .....	\$305.00/hr
Principal Hydrogeologist/Engineer II .....	\$280.00/hr
Principal Hydrogeologist/Engineer I .....	\$260.00/hr
Senior Hydrogeologist V/Engineer V .....	\$240.00/hr
Senior Hydrogeologist IV/Engineer IV .....	\$230.00/hr
Senior Hydrogeologist III/Engineer III .....	\$220.00/hr
Senior Hydrogeologist II/Engineer II .....	\$210.00/hr
Senior Hydrogeologist I/Engineer I .....	\$200.00/hr
Project Hydrogeologist V/Engineer V .....	\$185.00/hr
Project Hydrogeologist IV/Engineer IV .....	\$175.00/hr
Project Hydrogeologist III/Engineer III .....	\$165.00/hr
Project Hydrogeologist II/Engineer II .....	\$155.00/hr
Project Hydrogeologist I/Engineer I .....	\$145.00/hr
Hydrogeologist/Engineering Assistant .....	\$120.00/hr

### District Management & Operations

District General Manager .....	\$210.00/hr
District Engineer .....	\$205.00/hr
Operations Manager .....	\$160.00/hr
District Secretary/Accountant .....	\$135.00/hr
Collections System Manager .....	\$135.00/hr
Grade V Operator .....	\$125.00/hr
Grade IV Operator .....	\$110.00/hr
Grade III Operator .....	\$100.00/hr
Grade II Operator .....	\$80.00/hr
Grade I Operator .....	\$75.00/hr
Operator in Training .....	\$75.00/hr
Collection Maintenance Worker .....	\$75.00/hr

### Creative Services

Creative Services IV .....	\$165.00/hr
Creative Services III .....	\$150.00/hr
Creative Services II .....	\$135.00/hr
Creative Services I .....	\$120.00/hr

### Publications Services

Technical Editor IV .....	\$165.00/hr
Technical Editor III .....	\$150.00/hr
Technical Editor II .....	\$135.00/hr
Technical Editor I .....	\$120.00/hr
Publications Specialist IV .....	\$120.00/hr
Publications Specialist III .....	\$110.00/hr
Publications Specialist II .....	\$100.00/hr
Publications Specialist I .....	\$90.00/hr
Clerical Administration .....	\$90.00/hr

**Forensic Engineering** – Court appearances, depositions, and interrogatories as expert witness will be billed at 2.00 times normal rates.

**Emergency and Holidays** – Minimum charge of two hours will be billed at 1.75 times the normal rate.

**Material and Outside Services** – Subcontractors, rental of special equipment, special reproductions and blueprinting, outside data processing and computer services, etc., are charged at 1.15 times the direct cost.

**Travel Expenses** – Mileage at current IRS allowable rates. Per diem where overnight stay is involved is charged at cost.

**Invoices, Late Charges** – All fees will be billed to Client monthly and shall be due and payable upon receipt. Invoices are delinquent if not paid within 30 days from the date of the invoice. Client agrees to pay a monthly late charge equal to 1% per month of the outstanding balance until paid in full.

**Annual Increases** – Unless identified otherwise, these standard rates will increase 3% annually.

The rates listed above assume prevailing wage rates does not apply. If this assumption is incorrect Dudek reserves the right to adjust its rates accordingly.



# Agenda Item

# 5

**PC 15 Committee Meeting**

**Meeting Date:** November 3, 2022

**Budget:** n/a

**TO:** PC 15 Board of Directors

**FROM:** Betty Burnett, General Manager

**STAFF CONTACTS:** David Baranowski, Director of Engineering

**SUBJECT:** Community Outreach Plan for the Export Sludge Force Main Replacement Mitigation

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## Overview

Construction of the new Export Sludge Force Main was completed earlier this year. The construction permits require SOCWA to perform environmental mitigation work to offset impacts caused by construction.

As construction was nearing completion, a public comment was made at a California Coastal Commission meeting. The public comments focused on dissatisfaction with the disturbed vegetation and reconstruction of the east access road through the Aliso and Wood Canyons Wilderness Park.

Subsequently, Staff met with the persons that made the comments to discuss their concerns. A key takeaway from the meeting was that SOCWA has done no community outreach related to the project.

On March 17, 2022, the PC 15 Board of Directors authorized SOCWA to acquire community outreach services. Staff worked with Watermark Associates to prepare a Community Outreach Plan, which is intended to outline the steps that SOCWA should take to engage the public as SOCWA begins the mitigation work to satisfy the permits.

The following slides were prepared by Watermark Associates to summarize the Community Outreach Plan. The plan includes multiple activities to engage and inform the public through the course of the mitigation work. Because this type of community engagement is not an activity Staff typically perform, Staff would require assistance from a firm to implement the plan. Staff is looking for direction from the PC 15 Board for how to proceed.

**Recommended Action:** Staff recommends that the PC 15 Board of Directors take action to provide direction on how to proceed with implementation of the Community Outreach Plan.


/Attachment



# Aliso Creek Wastewater Pipe Replacement Project

Darcy M. Burke, M.B.A.  
Judy Zulfiqar, M.B.A.



A dirt road winds through a hilly, vegetated landscape under an overcast sky. The road is the central focus, leading the eye from the foreground into the distance. The hills are covered in green and brownish vegetation, and the sky is a uniform, light grey.

# Community Outreach Plan Overview

- Identify & Quantify Public Engagement **Goals**
- Develop Supporting **Strategies** and **Tactics**
- Create Target Audience **Messaging**
- Recommend Community **Outreach Strategies**
- Provide **Website Content** Recommendations

# Benefits of Community Engagement

## Trust Formula

$$T = (I + SV) \times (C + R)$$

- **I = Integrity**
- **SV = Shared Values**
- **C = Credibility**
- **R = Reliability**

*Source: Institute for Local Government*

- Better informed residents
- Improved local agency decision-making and actions, with better impacts and outcomes
- More community buy-in and support, with less contentiousness
- Better identification of the public's values, ideas, and recommendations
- Faster project implementation with less need to revisit again
- More trust – in each other and in local government



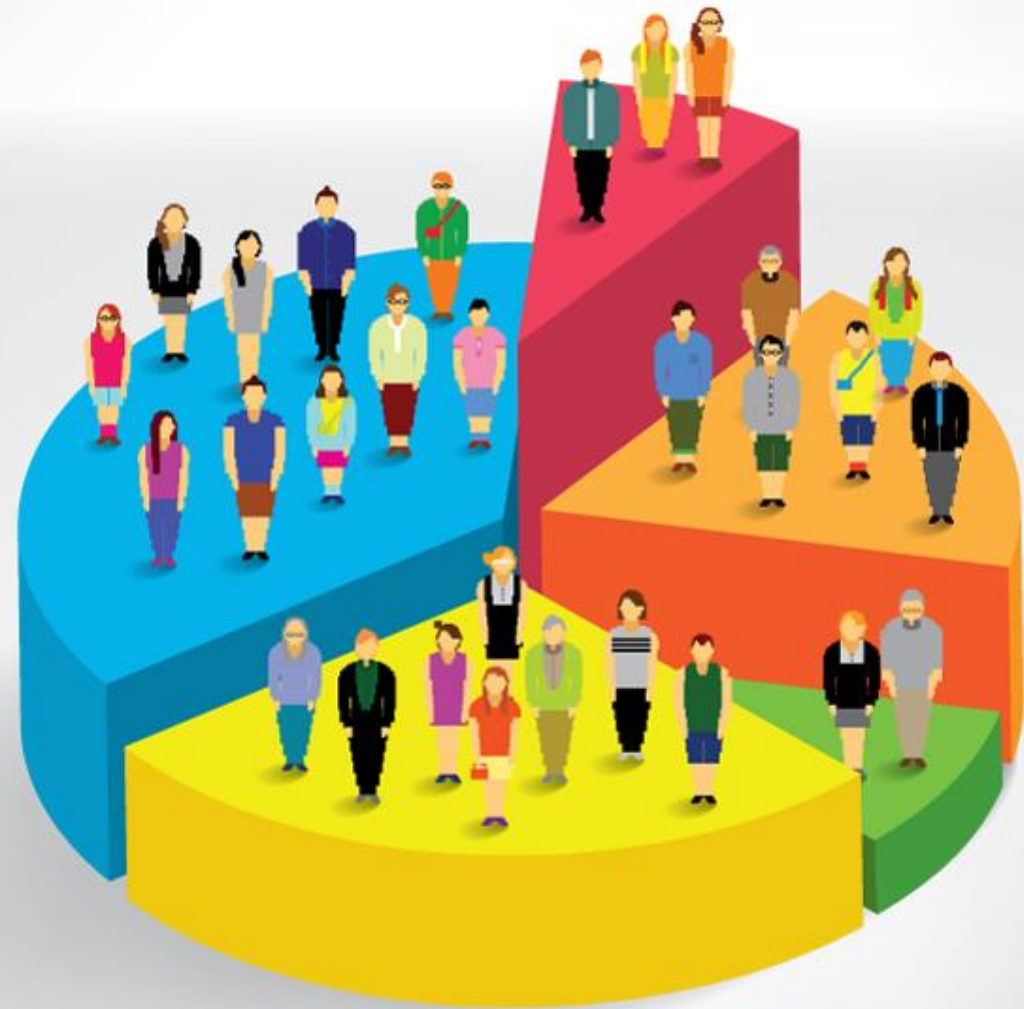
# Outreach Goals

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- Develop a **project identity** that is relatable across all audience segments, relative, and conveys a useful value proposition
- Develop **public engagement opportunities** for all stakeholder audiences through all appropriate media platforms
- Improve overall **trust and credibility** across all audience segments, including both internal and external audiences
- Engage in **ongoing communication** efforts with influencers, stakeholders, policymakers, community groups, special interest groups, and all other target market segments, internal and external

# Audiences

- Internal
  - Employees
  - Management
  - Member Agencies
- External
  - Elected Officials
  - Government Entities
  - Service Organizations
  - Special Interest Groups
  - Influencers



# Messaging

The background of the slide is a colorful illustration. On the left, a magnifying glass is positioned over a group of stylized human figures. To the right, a large target with concentric orange and white circles has a dark blue arrow pointing towards its center. Below the target, there is a potted plant with green leaves in a red pot. At the bottom right, two stylized human figures, a woman in a red top and a man in a blue top, are standing. The overall theme is communication and goal-oriented action.

- Examples

- The initial pipeline replacement project was necessary for both sanitation reliability and the area's environmental protection
- The community's input on [The Project] and related investments is welcomed
- It will take time for [The Project's] environmental investments to mature and blend in with the existing landscape
- [The Project] provides community benefit
- [The Project] is respectful of the environment and works to preserve, enhance, and honor its beauty and purpose
- [The Project's] approach ensures tribal heritage and artifact preservation
- Initial mitigation efforts resulted in an additional benefit for Firefighter response, protecting our neighbor's lives and property

# TOP PRIORITIES

## Implementation Priorities

- Determine an implementation **budget**
- Determine a **project name**
- Create a project landing page, **website**, or microsite
- **Schedule community meetings**, dates, times, and locations
- Grow **stakeholder list**
- Create project **fact sheets**
- Indefinitely **visual images** including maps and renderings
- Select **key messages** and circulate to internal stakeholders



# Sample Implementation Timeline

	Month 1	Month 2	Month 3	Month 4
Project Identity	<ul style="list-style-type: none"> <li>Identify Project Name</li> <li>Design Logo and Branding</li> <li>Craft Messaging</li> </ul>	<ul style="list-style-type: none"> <li>Develop Microsite</li> <li>Create Collateral Materials</li> <li>Produce Videos</li> </ul>	<ul style="list-style-type: none"> <li>Create Print, Outdoor, Electronic ads, signs, printed and digital materials</li> </ul>	
Public Engagement	<ul style="list-style-type: none"> <li>Create Editorial Calendar</li> <li>Identify Community Events</li> <li>Secure CRM</li> </ul>	<ul style="list-style-type: none"> <li>Implement Social Media Campaign</li> <li>Develop Media Placement Strategy</li> <li>Participate in Community Events</li> </ul>	<ul style="list-style-type: none"> <li>Continue Social Media Campaign</li> <li>Implement Paid Media Strategy</li> <li>Participate in Community Events</li> </ul>	<ul style="list-style-type: none"> <li>Continue Social Media Campaign</li> <li>Continue Paid Media Campaign</li> <li>Participate in Community Events</li> </ul>
Trust and Credibility	<ul style="list-style-type: none"> <li>Develop Social Media Policies</li> <li>Create Informational toolkits for field staff</li> </ul>	<ul style="list-style-type: none"> <li>Host Town Hall</li> <li>Update website with Project milestones</li> </ul>	<ul style="list-style-type: none"> <li>Host Open House</li> <li>Tailor Messaging to Stakeholders</li> <li>Update website with Project Progress</li> </ul>	<ul style="list-style-type: none"> <li>Host Town Hall</li> <li>Tailor Messaging</li> <li>Update Website with Project Progress</li> </ul>
Ongoing Communication		<ul style="list-style-type: none"> <li>Send Monthly Newsletter</li> <li>Track results and adjust accordingly</li> </ul>	<ul style="list-style-type: none"> <li>Send Monthly Newsletter</li> <li>Track results and adjust accordingly</li> </ul>	<ul style="list-style-type: none"> <li>Send Monthly Newsletter</li> <li>Track results and adjust accordingly</li> </ul>

# Sample Implementation Budget

Sample 4-month schedule

## Communication and Outreach Budget

	Month One	Month Two	Month Three	Month Four	TOTAL
<b>Project Identity</b>					
Develop Project Name	\$1,200				\$1,200
Project Logo	\$2,500				\$2,500
General Fact Sheets design and Print		\$1,225			\$1,225
Design and Print Collateral Materials		\$6,065			\$6,065
Professional Project Photography			\$1,800		\$1,800
Event Popup Canopy and Logoed Tablecloth			\$1,377		\$1,377
Project Signage and maps			\$3,875		\$3,875
Promotional Give Away items			\$2,500		\$2,500
<b>Stakeholder Engagement</b>					
Contact Management System	\$189	\$189	\$189	\$189	\$756
Editorial Calendar		\$750			\$750
Paid Media Placement Strategy		\$1,200			\$1,200
Develop Print and digital ads		\$1,780			\$1,780
Print and Digital ads			\$7,500		\$7,500
Social Media Campaign			\$500		\$500
Local Event Participation		\$1,500	\$1,500		\$3,000
<b>Trust and Credibility</b>					
Town Hall and Open House Events		\$750	\$750		\$1,500
Monthly Email Newsletter	\$285	\$285	\$285	\$285	\$1,140
Quarterly Mailed Project Update				\$3,500	\$3,500
			<b>Grand Total</b>		<b>\$52,418</b>

# Sample Editorial Calendar

- Schedule of when and what to publish
- Ongoing engagement
- Allows for easy dissemination of information and status updates

The Project Sample Editorial Calendar			Mon	Tues	Wed	Thurs	Fri	Sat	Sun
Month	Week	Topic	Post Topic	Post Topic	Post Topic	Post Topic	Post Topic	Post Topic	Post Topic
Month One	Date			Project Name		Why this project	Fun Fact Friday		
About the Project	Date			Benefits		Project Overview	Fun Fact Friday		
	Date			Website	Project Newsletter Update	Follow us on Social Media	Fun Fact Friday		
	Date			Native Americans in the Creek		Project Partner Spotlight	Fun Fact Friday		
	Date			Community Events		Project Partner Spotlight	Fun Fact Friday		
	Date								
Month Two	Date			The Investment		Project Partner Spotlight	Fun fact Friday		
Theme	Date			OC Parks		Project Partner Spotlight	Fun Fact Friday		
	Date			CAL FIRE	Project Newsletter Update	Project Partner Spotlight	Fun Fact Friday		
	Date			Meet our Team		Community Partner Spotlight	Fun Fact Friday		
	Date								
Month Three	Date			Native plants		Community Partner Spotlight	Fun Fact Friday		
Theme	Date			The Trail		Community Partner Spotlight	Fun Fact Friday		
	Date			Project timeline	Project Newsletter Update	Community Partner Spotlight	Fun Fact Friday		
	Date			It takes time to grow		Community Partner Spotlight	Fun Fact Friday		
	Date			Meet our Team Part 2		Community Partner Spotlight	Fun Fact Friday		
	Date								

Questions?

