

### **Oceano Community Services District**

1655 Front Street, P.O. Box 599, Oceano, CA 93475

(805) 481-6730 FAX (805) 481-6836

#### Date: February 13, 2019

To: Board of Directors

From: Carey Casciola, Business and Accounting Manager

Subject: Agenda Item #8(D): Recommendation to Approve Cash Disbursements - REVISED

#### Recommendation

It is recommended that your Board approve the attached cash disbursements.

#### Discussion

The following is a summary of the attached cash disbursements:

Description	Check Sequence	Amounts
	<mark>57496 - 57533*</mark>	
Disbursements Requiring Board Approval prior to Payment:		
Regular Payable Register – paid 02/13/2019	57504 - 57528	\$25,644.45
Utility Billing Accounts Refunds – paid 02/13/2019	57529 - 57530	\$141.53
Added Warrants – paid 02/13/2019	<mark>57531 - 57533</mark>	<mark>\$590.10</mark>
Subtotal:		<mark>\$26,376.08</mark>
Reoccurring Payments for Board Review (authorized by Resolution 2018-11):		
Payroll Disbursements – PPE 01/19/2019	N/A	\$25,330.52
Payroll Disbursements – PPE 02/02/2019	N/A	\$28,103.85
Reoccurring Utility Disbursements – paid 01/23/2019	57496 - 57500	\$1,472.74
Reoccurring Health Disbursements – paid 02/04/2019	57501 - 57503	\$6,976.21
Subtotal:		\$61,883.32
Grand Total:		<mark>\$88,259.40</mark>

\*Check number 57484 for \$8,606.29 for the 1/18/2019 Board Meeting was voided due to an error and was replaced with check number 57515, which is included in the Regular Payables in this packet.

#### Other Agency Involvement: n/a

Other Financial Considerations: Amounts are within the authorized Fund level budgets.

#### Results

The Board's review of cash disbursements is an integral component of the District's system of internal controls and promotes a well governed community.

#### A/P Approval

### Oceano Community Services District Added Warrants to 02/13/2019 Board Meeting

	Invoice	Vendor	Amount Check #		Distribution		
1	02282019	Rabobank Visa Card	\$	220.85	57532	\$	220.85
2	201902131983	So County Sanitary	\$	119.25	57533	\$	119.25
3	201902131984	Sparling, Doug	\$	250.00	57531	\$	250.00
4							
5							
6							
7							
8							
			Total Added Warrants to be paid 02/13/2019			\$	590.10

2/13/2019 2:44 PM COMPANY: 99 - POOLED CASH FUND ACCOUNT: 1-1001-000 POOLED CASH OPERAT TYPE: All STATUS: All FOLIO: All			CHECK RECONCILIATION REGISTER		CLEAR DATE: STATEMENT: VOIDED DATE: AMOUNT:		PAGE: 1 0/00/0000 THRU 99/99/9999 0/00/0000 THRU 99/99/9999 0/00/0000 THRU 99/99/9999 0/00/0000 THRU 99/99/9999 0.00 THRU 999,999,999.99 057531 THRU 057533		
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1-1001-000	2/13/2019	CHECK	057532	RABOBANK VISA C	ARD	220.85CR	OUTSTNI	A C	0/00/0000
1-1001-000	2/13/2019	CHECK	057533	SOUTH COUNTY SA	NITARY SERV	119.25CR	OUTSTNI	A C	0/00/0000
TOTALS FOR ACCOUNT	1-1001-0				TOTAL: TOTAL: TOTAL: TOTAL: TOTAL:	590.10CR 0.00 0.00 0.00 0.00 0.00 0.00 0.00			
TOTALS FOR FOOLED C	ASH FUND			CHECK DEPOSIT INTEREST MISCELLANEOUS SERVICE CHARGE EFT BANK-DRAFT	TOTAL: TOTAL: TOTAL: TOTAL: TOTAL:	590.10CR 0.00 0.00 0.00 0.00 0.00 0.00 0.00			

# Oceano Low Impact Development (LID) Plan

Presented by: Melanie Mills



Agenda Item 9A - Pov 6

- Funded by a Proposition 84 Grant
- State DWR, Administered Through SLO County
- Water Resource Reliability Program
  - Recycled Water Injection Well Site Plan (Cleath and Harris)

- Water Leak Detection
- Low Impact Development Plan

# Purpose of the Plan:

- Capture Stormwater and Recharge Groundwater
- Reduce Flooding
- Community Benefits
  - Beautification and Greening
  - Pedestrian Including Access to Oceano Elementary

# Why is this important?

- Changes from Urbanization
  - More Runoff
  - Flooding Spots and Larger Issues
  - Water Resource Availability
- Impacts from Untreated Runoff to the Pacific Ocean and AG Creek



# Work Completed To Date:

- Watershed Drainage Mapping How Stormwater Flows Through the Community
- Watershed Inventory (Improvements, Missing Links, Key Places)
- Concepts Development
- LID Project Ranked 7<sup>th</sup> on SLO Integrated Regional Water Management (IRWM) Project List

Oceano LID Plan

- Final Feasibility LID Study
- Next Steps
  - Community Involvement
  - Project Funding (Prop 1 Stormwater Implementation Grants Due This Summer)

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# **Drainage Management Area** vsis Map nal





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Concept

Warner Street I

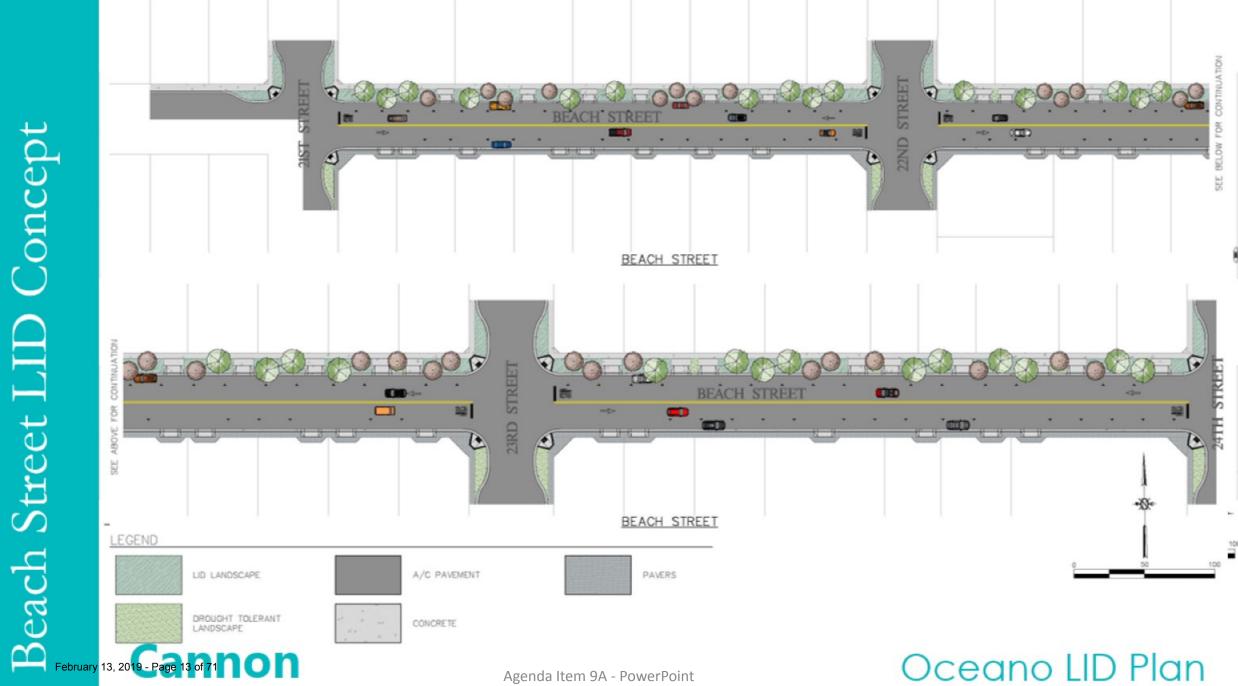


7<sup>th</sup> Street L February 13, 2019 - Page 11 of 71

Concept







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# )ceano Elementary oncept February 13, 2019 - Page 14 of 71



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# Prop 1 Technical Assistance

- Funding to Refine Concepts and do Outreach
  - Obtain Survey for Concept Areas
  - Stakeholder Outreach and Coordination
  - Public Outreach
  - Take Concepts Forward to Design and Refinement

Oceano LID Plan

- Quantify Performance and Cost Estimating
- Develop Grant Application

Next Steps

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# What is the Prop 1 Stormwater Grant Program?

- Implementation Funding for Multi-Benefit Stormwater Management Projects (Green Infrastructure, Stormwater Capture, Water Quality Treatment)
- Round 2 \$90 Million Statewide
- Summer 2019
- DAC Match is 5%
  - \$1 Million Award = \$50K Match
  - \$2 Million Award = \$100K Match...

# Questions?



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# **CENTRAL COAST BLUE**

# PROJECT STATUS UPDATE

### One Community. One Water. One Future.

February 13<sup>th</sup>, 2019

CENTRAL

COAST BLUE

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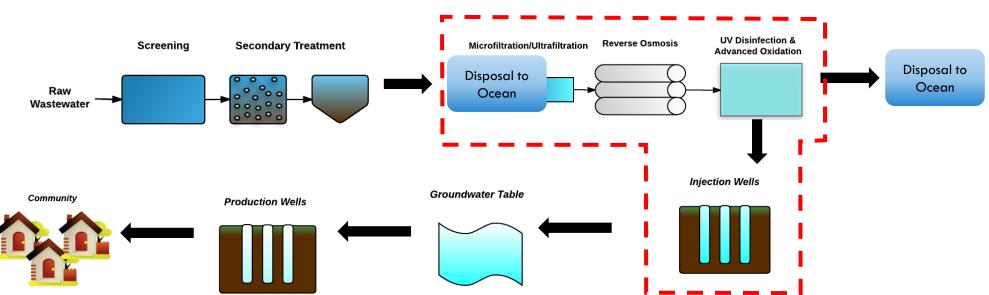
# Presentation Overview

- Project Overview
- Groundwater Model Update
- Advanced Treatment Overview
  - Demonstration Facility
- Schedule Update/Next Steps



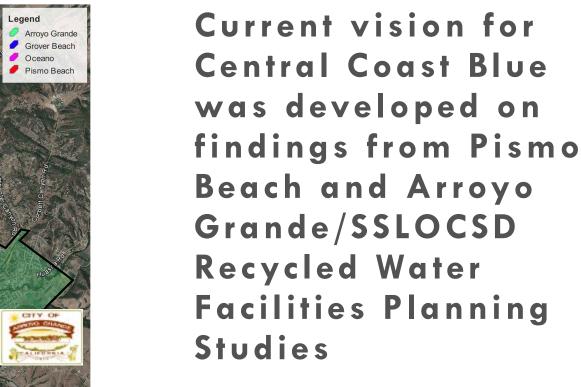
Central Coast Blue will capture water that is wasted to the ocean to protect the groundwater basin and improve water supply reliability





### Advanced Water Treatment



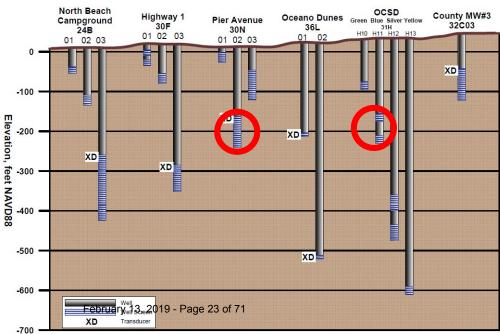


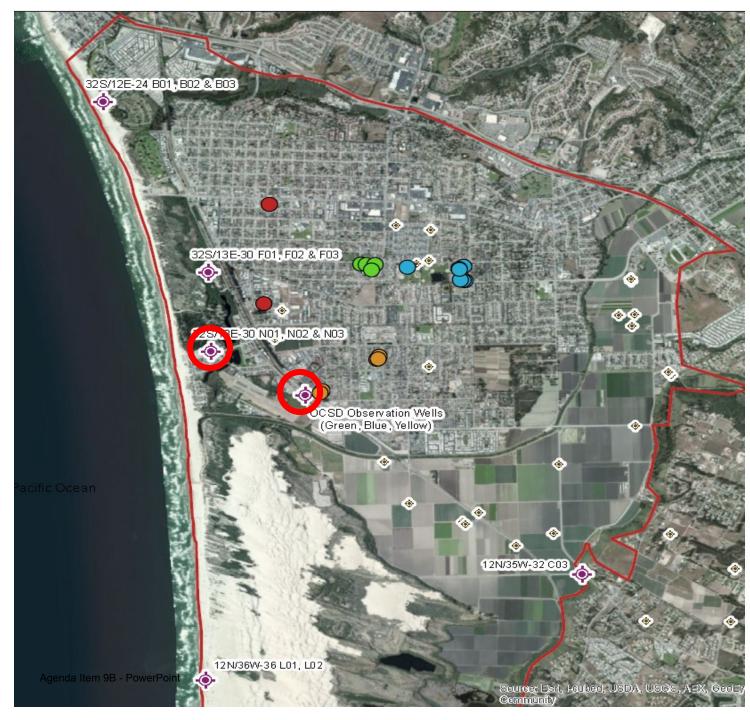


# Groundwater Model Update

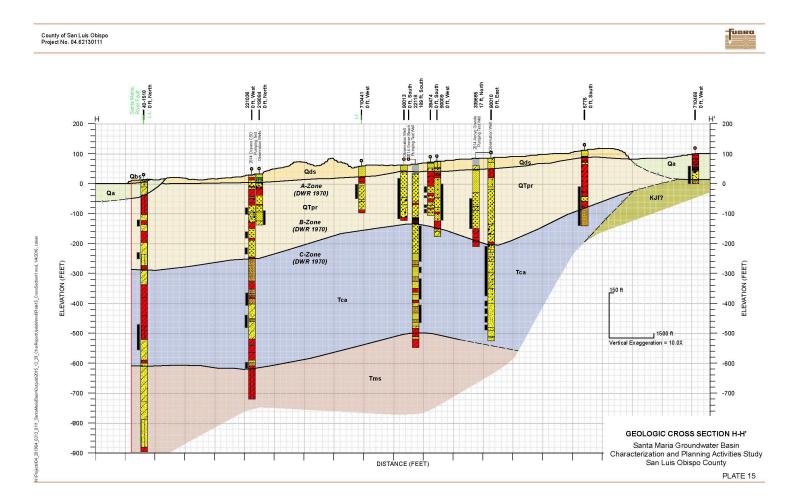


Seawater intrusion detected in 2009 forcing reduced groundwater pumping to protect the basin





# Hydrogeologic Analysis and Groundwater Modeling critical to Project Design

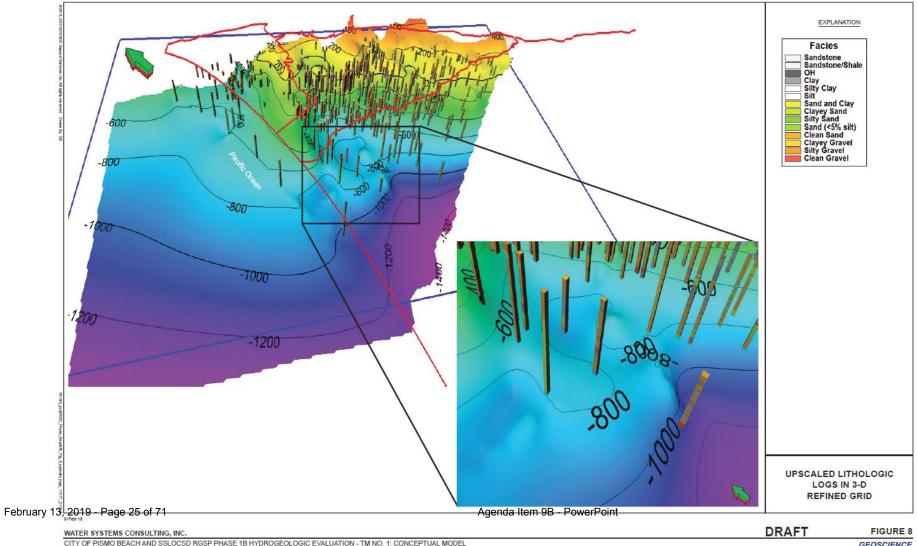


Basin Characterization Study established foundation Groundwater Model development

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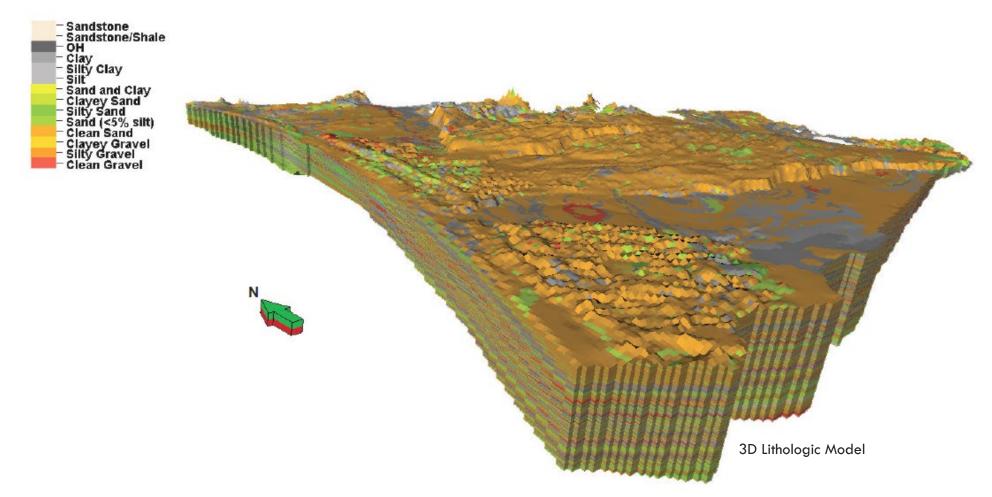
# Groundwater Model built on lithologic data from SMGB Characterization

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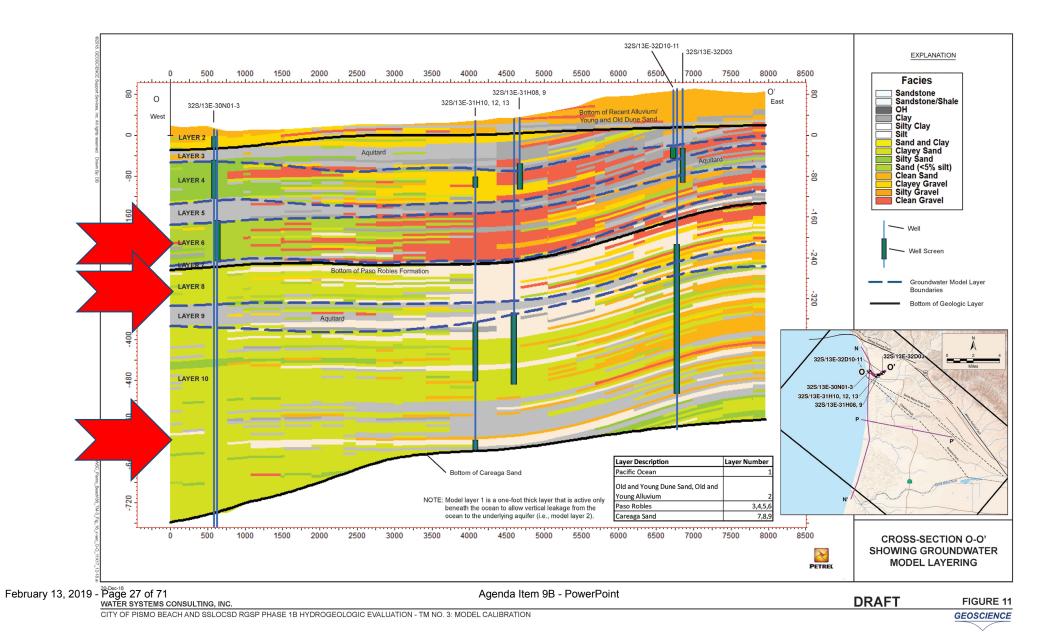


GEOSCIENCE

### Lithological Model includes 19 Million cells



### Historic and potential future pathways for seawater intrusion identified in lower Paso Robles and Careaga formations





### Central Coast Blue Injection Scenarios

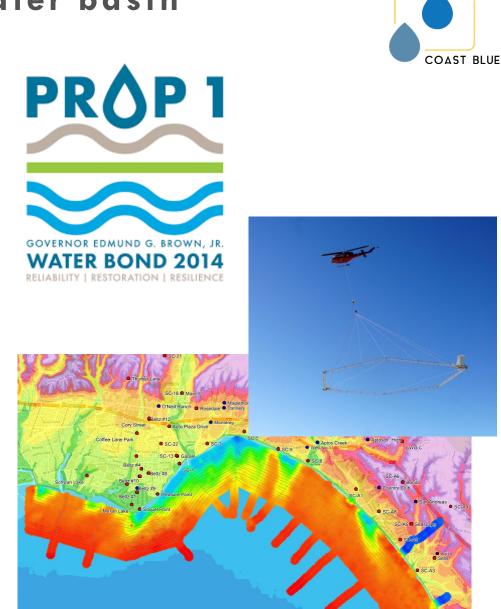
**Phase 1 –** Injection of 900 AFY in 5 Wells significantly increases the Deep Well Index and allows for increased NCMA Municipal pumping.

**Phase 2 –** Injection of 3,000 – 3,500 AFY to increase Deep Well Index and increase NCMA Municipal pumping.



### Grant funded activities will improve understanding of groundwater basin

- Central Coast Blue received Preliminary Award for \$2M planning grant. Includes funding for:
  - Test Injection Well
  - Updated Monitoring Plan
  - Basin Level Response Plan
  - Leaching Study
  - Offshore Aerial Geophysics
- Findings from these initiatives will be incorporated into final design



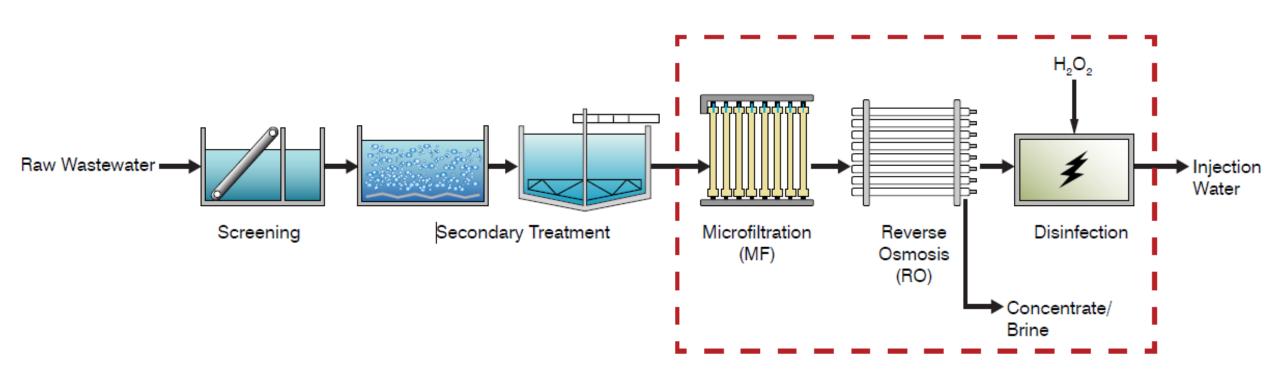
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# Treatment Facility Engineering

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# **Advanced Treatment Facility**

—Technology—



# **Advanced Treatment Facility**

—Technology—

- Design Capacity
  - **Phase 1** 1.3 MGD
  - Phase  $2 \sim 5 \text{ MGD}$
- MF/UF: system designed with a 90% recovery rate, assuming each module is online 80% of the time on average, with one redundant unit. Membrane design flux of 28 to 33 gfd based upon pilot testing.
- RO: two-stage process designed with an 80% recovery rate (pending ongoing pilot work), with sulfuric acid and anti-scalant pretreatment and stabilization post treatment.
- UV/AOP: designed for 0.5 log reduction of 1,4-dioxane. Low NDMA levels in secondary effluent do not dictate dose UV dose, chemical oxidant, and chemical oxidant dose targeted to meet these requirement.

# Central Coast Blue

# Demonstration Facility









### Advanced Treatment is a multi-barrier treatment process







## **Microfiltration**

# Reverse Osmosis

## UV/AOP

### The Demonstration Facility Provides....



### Acceptance

Demonstration facility promotes regional stakeholder engagement

### Demonstration

Performance testing promotes innovation

### Optimization

Detailed analysis allows for design and operational improvements

### COAST BLUE



### **Demonstration Facility in Operation!**

Testing started in February 2018 and anticipated to run till the end of March 2019



# NEAR-TERM SCHEDULE





- Initiating the Prop 1 GWGP Grant Activities (February 2019)
- Completion of Phase 1B Groundwater Model (March 2019)
- Release of the Notice of Preparation and Initial Study (Spring 2019)
- Completion of the Preliminary Engineering Report (Spring 2019)

One Community. One Water. One Future.

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CENTRAL

COAST BLUE



#### OCEANO COMMUNITY SERVICES DISTRICT

CENTRAL COAST BLUE FEBRUARY 13, 2019 PART TWO 0

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CENTRAL COAST BLUE - PART TWO OUTLINE A. HIGHLIGHTS FROM STAFF REPORT

B. RECOMMENDATIONS INCLUDED IN THE BOARD LETTER

i. UPDATING AND REPLACING THE 2017 ADVOCACY PLATFORM

ii. DIRECTION TO THE BOARD MEMBERS APPOINTED TO THE SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT

C. COMMENTS RECEIVED & ALTERNATIVE RECOMMENDATIONS

• BREAK ...

D. BOARD DISCUSSION, PUBLIC COMMENT & BOARD DIRECTION

#### PART TWO - HIGHLIGHTS FROM STAFF REPORT

- JANUARY 11, 2017 ADVOCACY PLATFORM
  - SUPPORTS THE "REGIONAL GROUNDWATER SUSTAINABILITY PROJECT"
  - RECOGNIZES LEADERSHIP BY THE CITY OF PISMO BEACH
  - STATES THAT THE COMPLEXITIES OF THE PROJECT ARE SIGNIFICANT

#### PART TWO - HIGHLIGHTS FROM STAFF REPORT

- JANUARY 11, 2017 ADVOCACY PLATFORM
  - IDENTIFIES PUMPING RIGHTS TIED TO THE GROUNDWATER LITIGATION
  - RECOGNIZES THAT THE BENEFITS HAVE NOT BEEN QUANTIFIED
    REFERENCES DIFFERING HYDROLOGICAL CYCLES
    "COMPLEXITIES CREATE PROJECT RISKS IF THEY ARE NOT ADDRESSED IN A THOUGHTFUL AND TIMELY MANNER"

#### PART TWO - HIGHLIGHTS FROM STAFF REPORT

>JANUARY 11, 2017 ADVOCACY PLATFORM

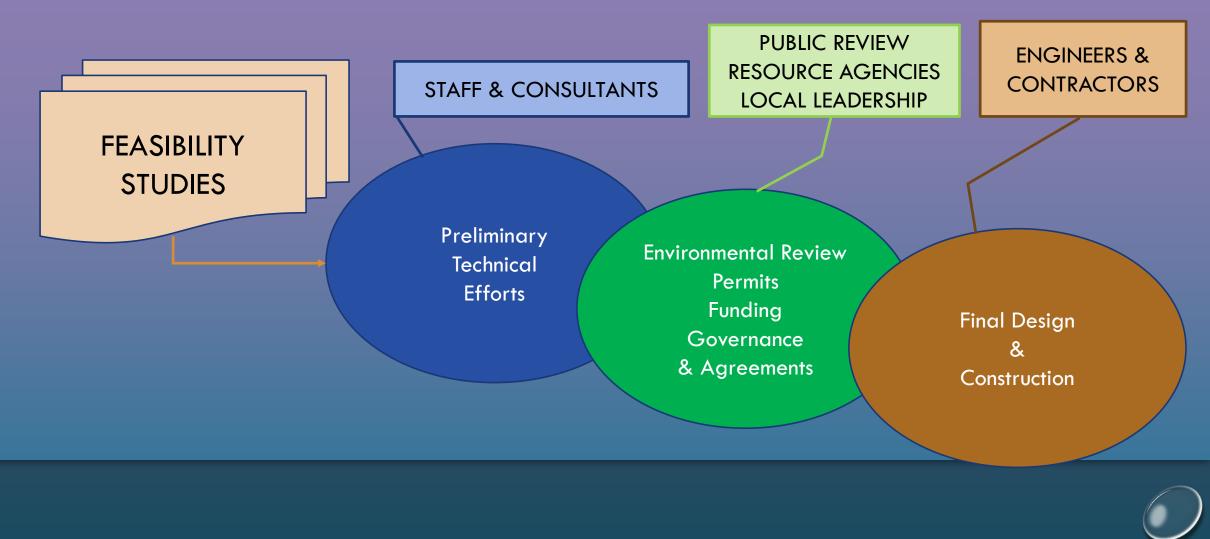
- DEVELOPMENT OF AN AGREEMENT BETWEEN SSLOCSD AND THE CITY OF PISMO BEACH
  - >THE TWO AGENCIES WITH JURISDICTION AND CONTROL OVER WASTEWATER FLOWS, TREATMENT & DISPOSAL
- >STATES THAT A REGIONAL PROJECT WILL:
  - >MAXIMIZE BENEFITS
  - ► ECONOMIES OF SCALE WILL HELP REDUCE COSTS
- >AGREEMENTS CAN BE CONSIDERED INVOLVING:
  - OCEANO / ARROYO GRANDE / GROVER BEACH

#### PART TWO:

CENTRAL COAST BLUE AND REGIONAL WATER RESOURCE RELIABILITY

- ADVANCED TREATMENT FACILITIES, CONVEYANCE FACILITIES & INJECTION WELLS
- CONSIDERING THE ALTERNATIVES
  - SITE LOCATIONS
  - INJECTION WELL ALTERNATIVES
  - TECHNICAL, ENVIRONMENTAL, FISCAL AND OTHER DETAILS
- RECYCLED WATER / GROUNDWATER MANAGEMENT IS:
  - IMPORTANT FOR LOCAL SUSTAINABLE WATER RESOURCE MANAGEMENT
  - IS SUBJECT TO ONGOING GROUNDWATER LITIGATION
  - REQUIRES LOCAL LEADERSHIP

#### OVERVIEW OF PROJECT DEVELOPMENT



PART TWO

OCEANO SPECIFIC ISSUES • OCEANO WATER SUPPLIES

- NEEDS VS. BENEFITS
- REGIONAL COLLABORATION
- OBTAINING RIGHTS TO STORE WATER IN LOPEZ
- REDUCING RELIANCE ON STATE WATER

Amounts are in "Acre Feet / Year"	Annual Allocation	2016	<b>2017</b>	2018
Groundwater	900	5	21	237
Lopez Water	303	0	697	466
State Water	<u>750</u>	<u>668</u>	<u>0</u>	<u>0</u>
Totals	<u>1,953</u>	<u>673</u>	<u>718</u>	<u>703</u>
Production %	<u>100%</u>	<u>35%</u>	<u>37%</u>	<u>36%</u>



# 2019 ESTIMATED WATER PRODUCTION

(\*) BASED ON CURRENT STATE WATER DELIVERY PERCENTAGES

Amounts are in "Acre Feet / Year"	Annual Allocation	2019 Estimates	2019 Percents	2018 Compare
Groundwater	900	222	25%	237
Lopez Water	303	303	100%	466
State Water	750	225	15% (*)	0
Totals	1,953	750	38%	703
Production %	100%	38%		36%

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OCSD NEEDS VS. BENEFITS

- THE APPARENT NEED FOR SUPPLEMENTAL WATER AT THIS TIME IS RELATIVELY LOW
  - OCSD ADDED WATER INTO STORAGE DURING THE RECENT DROUGHT...
- PAST PERFORMANCE DOES NOT GUARANTEE THE
   FUTURE
  - OCEANO IS NOT RISK FREE
  - RIGHTS TO STORE IN LOPEZ SHOULD BE A HIGH PRIORITY
- BENEFITS OF CENTRAL COAST BLUE...

# WHY COLLABORATE???

# RECIONATION RECORATION WHAT IS OCSD PAYING FOR???

DO OTHER REGIONAL EFFORTS EXIST???

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#### LOPEZ LAKE IS THERE ROOM TO STORE WATER?

KID-FRIENDLY CAMPGROUNDI

TAKE A WEEKEND GETAWAY TO: Lake Lopez, CA



# REDUCING RELIANCE ON STATE WATER

- ENVIRONMENTAL IMPACTS AT THE DELTA ARE REDUCING THE RELIABILITY OF STATE WATER
- MITIGATING IMPACTS OF THE STATE WATER PROJECT ARE
   INCREASING COSTS
- AMENDMENTS TO THE STATE WATER CONTRACTS PROPOSE TO PROVIDE GREATER FLEXIBILITY IN WATER SALES AND TRANSFERS
- THE FUTURE MAY PROVIDE OCSD WITH GREATER ABILITY TO MAKE NON-PERMANENT SALES AND/OR TO REDUCE COSTS
- BENEFITS OF CENTRAL COAST BLUE MAY HELP OCSD
   REDUCE ITS RELIANCE ON STATE WATER

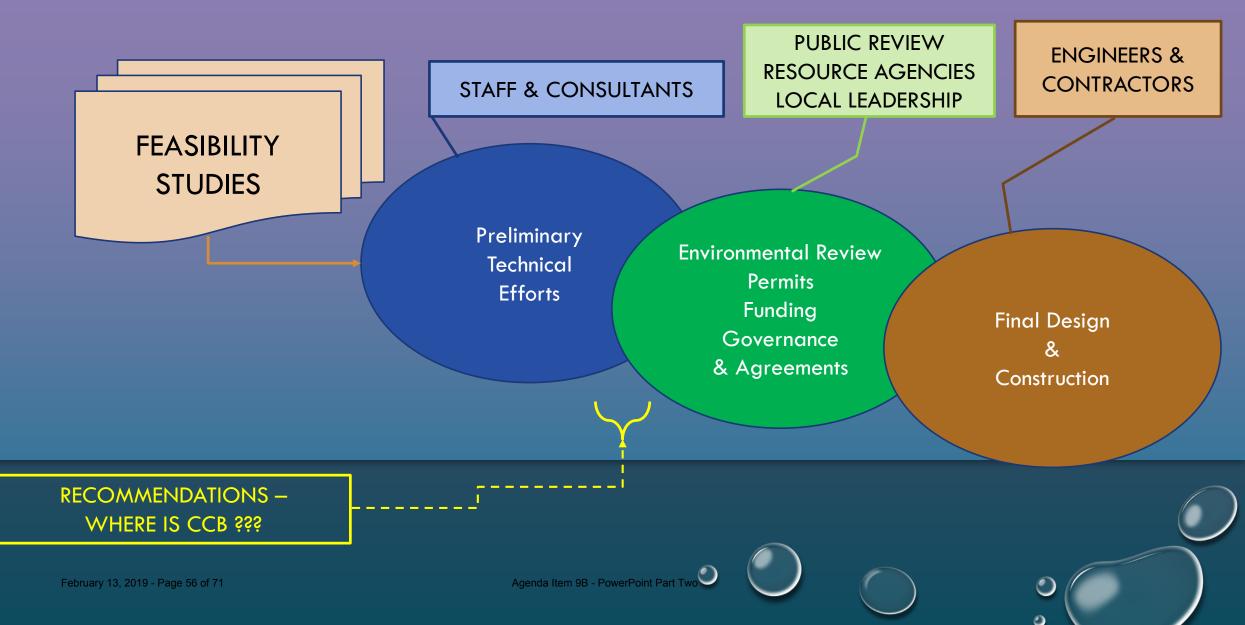
#### RECOMMENDATIONS

INCLUDING ALTERNATIVES...



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#### OVERVIEW OF PROJECT DEVELOPMENT



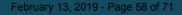
#### **RECOMMENDATIONS**

REVIEW THE DISTRICT'S ADVOCACY PLATFORM ADOPTED ON JANUARY 11, 2017, AND PROVIDE GENERAL DIRECTION ON UPDATING AND REPLACING IT ...

... THAT THE GENERAL MANAGER IS DIRECTED TO PREPARE A DRAFT UPDATE TO REPLACE THE DISTRICT'S EXISTING ADVOCACY PLATFORM AND TO REVIEW IT WITH THE BOARD'S PROJECT LIAISONS PRIOR TO PLACING IT ON A SUBSEQUENT AGENDA FOR THE BOARD TO CONSIDER FOR FORMAL APPROVAL



#### THE DISTRICT SUPPORTS PROJECT EFFORTS PROMOTING GROUNDWATER SUSTAINABILITY



Agenda Item 9B - PowerPoint Part Two

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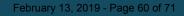


#### THE DISTRICT'S PUBLIC OUTREACH EFFORTS WILL FOCUS ON IMPARTIAL INFORMATION



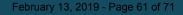
#### RECOMMENDATIONS

THE DISTRICT WILL SEEK PUBLIC INPUT IN A TIMELY MANNER TO HELP ENSURE THAT THE BOARD OF DIRECTORS' DECISIONS ARE IN THE BEST INTERESTS OF COMMUNITY RESIDENTS, PROPERTY OWNERS AND BUSINESSES WHILE CONSIDERING AND BALANCING PROJECT NEEDS, BENEFITS, ENVIRONMENTAL ISSUES AND FISCAL IMPACTS





#### VARYING OPINIONS ON THE PROJECT WILL BE CONSIDERED BY THE DISTRICT IN A RESPECTFUL AND COURTEOUS MANNER



#### **RECOMMENDATIONS**

DIRECT THE BOARD APPOINTEES TO THE SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT (SSLOCSD) TO REQUEST THAT DISCUSSION ITEMS BE PLACED ON THE SSLOCSD AGENDA, <u>AT AN APPROPRIATE TIME IN THE FUTURE</u>, TO REVIEW AND CONSIDER OPTIONS ON POTENTIAL ROLES THAT SSLOCSD MIGHT UNDERTAKE FOR THE PROJECT INCLUDING BUT NOT LIMITED TO RESOURCE COMMITMENTS, OPERATIONS, IMPLEMENTATION, ENVIRONMENTAL, FUNDING AND GOVERNANCE

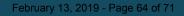
#### COMMENTS RECEIVED AND ALTERNATIVE RECOMMENDATIONS



#### COMMENTS RECEIVED

#### LETTER FROM SURFRIDER

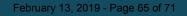
# EMAIL BETWEEN JIM LEWIS, PISMO BEACH CITY MANAGER & SURFRIDER



SHOULD THE PROJECT EIR BE PREPARED BASED ON A CO-EQUAL ANALYSIS OF SITE ALTERNATIVES?

• CEQA VS. NEPA (CEQA PLUS)

 RECENT AWARD OF FEDERAL FUNDS MAY IMPOSE NEPA/EIS REQUIREMENTS



IS THE CURRENT NATURE OF DISCUSSIONS AT OCSD, AT THIS TIME, A POSITIVE OR NEGATIVE CONTRIBUTION TO REGIONAL COLLABORATION?

- WE ALL MUST, FROM TIME TO TIME, LOOK IN THE MIRROR ....
- WILL THE CURRENT OCSD DISCUSSIONS NEGATIVELY IMPACT OTHER REGIONAL EFFORTS ?

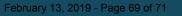
SHOULD PUBLIC STATEMENTS FROM THE BOARD AND STAFF, ON BEHALF OF OCSD, BE SUBJECT TO EXPRESSED BOARD APPROVAL ?

- UNTIL PUBLIC DOCUMENTS ARE READY FOR REVIEW AND COMMENT ?
- UNTIL OCSD BECOMES A PROJECT SPONSOR ?
- UNTIL OCSD DISCUSSIONS ALIGN WITH CURRENT PROJECT EFFORTS ?
- BASED ON REQUESTS OF THE OTHER AGENCIES?

SHOULD OCSD CONTINUE TO PARTICIPATE IN INTER-AGENCY AD-HOC DISCUSSIONS ?

- WHAT STAKE SHOULD OCSD HAVE WHEN OCSD IS NOT PAYING FOR PRELIMINARY PROJECT EFFORTS ?
- HOW MUCH IS OCSD NOT GETTING DONE ON DISTRICT PRIORITIES DUE TO THE CURRENT STATUS OF DISCUSSIONS ON CENTRAL COAST BLUE ?
- ARE THERE PERCEIVED OR REAL INCONSISTENCIES IN PUBLIC STATEMENTS FROM OCSD ?

#### WHAT ELSE SHOULD OCSD CONSIDER ?



Agenda Item 9B - PowerPoint Part Two

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#### 2-12-19

General Manager Ogren,

I am sending some questions regarding Central Coast Blue. Perhaps the board can discuss them.

For Central Coast Blue, what is the ballpark calendar for discussion, involving the public, finish all of the studies and reports, etc.? Should the CCB proposed end date, be extended to allow adequate time to collect and digest all of the necessary information?

Can you give more detail regarding brine? How many gallons a day would be processed? What is the cost per acrefoot? What are problems with brine?

Sínce Oceano has three sources of water: groundwater, State water, and Lopez water, do we have to be concerned about saltwater íntrusíon?

Can you clarify the purposes for creating the CCB? Preventing salt water Intrusion? Groundwater recharge? Dilution of nitrates?

How effective would ponding, storm water capture, and conservation, be, compared to the proposal by CCB?

How much of the land of the Sanitation District Plant is developed? (After, the completions of the redundancy project).

How many locations are being considered for CCB?

What is organizational structure of the parties involved with CCB? Grover City, Arroyo Grande, Pismo Beach, and the OCSD. What are he potential costs for the OCSD? Is Oceano/OCSD being taken advantage of, by any of the participating parties? Can you clarify the regional aspect of CCB?

Respectfully, Dírector Gíbson Oceano Community Services District

Shinky Dyibson