



# Utility Advisory Committee Meeting

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**May 19, 2021 at 5:30**

**TO PARTICIPATE:** On your computer  
via Microphone or type your public comment into the  
Q & A Tab.

On your phone  
call (929) 205-6099 or (301) 715-8592  
Meeting ID: 114-611-628 and  
Press \*9 to raise your hand via phone.

Please note if you are on your computer but do not have a microphone, you will have to call in to speak, or write your public comment in the Q&A Tab.

# Agenda Item 1:

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Call to Order  
Roll Call



# Agenda Item 2:

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Approve UAC Meeting  
Minutes of  
April 21, 2021



# Agenda Item 3:

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## Basin Management Committee Updates



# Agenda Item 3: Executive Director's Report

## Status of BMC Initiatives

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**Formalize Sustainable Yield:** Updated production capacity at purveyor wells received for two of the three purveyors. Recycled water distribution updated. Will update sustainable yield for year end 2020 and incorporate into the 2021 Annual Report. Current draft BYM of 73 based on sustainable yield of 2,760 AFY from 2019 and 2020 production of 2010 AF ( $2010/2760*100 = 73$ ).

**Lower Aquifer Transducer Installation:** Lower Aquifer Transducer Installation: In March CHG initiated requests for permission to access and install transducers in several County monitoring wells, a private well, and a purveyor well. The requests are still in process.

**Basin Metric Evaluation:** Analysis of alternative metric approaches is in progress. This will be a separate TM for review after completion of annual report. Alternative metrics will be evaluated in 2021 and incorporate into the 2021 Annual Report. Draft TM anticipated in Summer/Fall 2021.

**Recycled Water Beneficial Use Evaluation:** Work on initiative to begin following completion of Annual Report preparations. Draft TM anticipated in August 2021.



# Agenda Item 3: Executive Director's Report Land Use Planning Process Update

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## Los Osos Retrofit-to-Build Program (Title 19 Water Offset Requirement) Update:

The County Department of Planning and Building is in the process of hiring a consultant to update the retrofit-to-build program for Los Osos to:

- 1) update the water savings calculation assumptions,
- 2) identify initiatives to expand the program;
- 3) create a framework to administer new initiatives with an ongoing monitoring and reporting component;
- 4) estimate administrative staffing costs;
- 5) estimate the water savings potential remaining in Los Osos; and
- 6) recommend Title 19 ordinance amendments.



## **Agenda Item 3: Executive Director's Report Other Items Discussed**

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- Los Osos Community Plan**
- Accessory Dwelling Units**
- LOV Cannabis Farm Water Management Plan-to be agendized for the next meeting**
- Los Osos Sustainability Group Letter to BMC**



# Agenda Item 3: Annual Monitoring Report

<b>Table ES-1. Groundwater Production</b>		
<b>Description</b>	<b>2019 Production in Acre-Feet</b>	<b>2020 Production in Acre-Feet</b>
<b>Los Osos Community Services District</b>	506	527
<b>Golden State Water Company</b>	454	502
<b>S&amp;T Mutual Water Company</b>	31	34
<b>Purveyor Subtotal</b>	991	1,063
<b>Domestic wells</b>	220	220
<b>Community facilities</b>	60	80
<b>Agricultural wells</b>	630	650
<b>Total Estimated Production</b>	1,900	2,010





# Agenda Item 3: Annual Monitoring Report

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Metric	LOBP Goal	Calculated Value from 2020 Data
Basin Yield Metric	80 or less	73
Water Level Metric	8 feet above mean sea level or higher	1.8 feet above mean sea level
Chloride Metric	100 mg/L or lower	205 mg/L
Nitrate Metric	10 mg/L or lower	20 mg/L (NO <sub>3</sub> -N)



# Agenda Item 3: Annual Monitoring Report

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## RECOMMENDATIONS

The following LOBP Groundwater Monitoring Program recommendations from the 2019 Annual Report were completed in 2020, are in progress, or are planned for completion in 2021:

- Retain a licensed surveyor to review all available documentation on reference point elevations and to perform wellhead surveys as needed (section 3.2.1). – ***Partially completed 2020***
- Analyze FW6 for Cation Exchange Capacity - ***Completed 2020***
- Expand the Lower Aquifer transducer network to help identify groundwater mounding effects from treated wastewater disposal at the Broderson Site and to provide support for Water Level Metric trend interpretation (Section 7.5.3). – ***In progress***
- Re-evaluate Water Level Metric target after completion of wellhead surveys (Section 7.5.3) – ***Planned for Completion 2021***



# Agenda Item 3: Monitoring Annual Report

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## **RECOMMENDATIONS (continued)**

The following additional LOBP Groundwater Monitoring Program recommendations are provided for BMC consideration. Recommendations on Adaptive Management are provided in Section 10:

- Develop a rating curve for stream flow Sensor 751 on Los Osos Creek (Section 6).
- Evaluate feasibility and cost of modifying up to four existing program wells to become dedicated Zone E water quality monitoring locations (Section 7.3).
- Consider updating the Maximum Sustainable Yield now that the location of the second Program C expansion well is finalized in order to incorporate changes to the LOBP, including revised expectations for recycled water availability (Section 7.5.2).



# Agenda Item 4:

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## Accessory Dwelling Unit (ADU) Update



## Agenda Item 4: ADUs – Water Purveyor Concerns

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- There is still an overarching concern regarding the current sustainability of the groundwater basin.
- There needs to be more information and study of the remaining water conservation potential within the community.
- There needs to be modifications to Title 19 that provide for better verification of the retrofit water savings estimations.
- There needs to be a funding mechanism to ensure existing customers are not impacted by the costs to support new development.



## Agenda Item 4: ADUs – Water Purveyor Concerns

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### Next Steps:

- Continue water purveyor meetings
- Draft letter
- Input from UAC
- Final draft letter to the Board for approval



# Agenda Item 5:

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## Utility Department Report



# Agenda Item 5:

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## Water Production:

- 14.04 million gallons - average daily demand 467,900 gallons
- Increase of approximately 8.26% over last year
- Per capita water use increased from 57.8 gpcd in April 2020 to 62.5 gpcd in April 2021.





# Production & Runtime Hours by Well Site

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## Production:

<b>Production (MG) April</b>	<b>2021</b>	<b>2020</b>
Palisades	1.8779	3.4925
3 <sup>rd</sup> Street/Bayside	2.8099	0.0000
8 <sup>th</sup> Street/El Moro	2.8742	4.1110
10 <sup>th</sup> Street	2.8996	3.5481
South Bay (lower)	3.4961	1.2487
South Bay (upper)	0.0780	0.5640
<b>TOTAL</b>	<b>14.0357</b>	<b>12.9643</b>



# Production & Runtime Hours by Well Site

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## Runtime:

Runtime (hrs.) April	2021	2020
Palisades	87.9	169.3
3 <sup>rd</sup> Street/Bayside	676.0	0.2
8 <sup>th</sup> Street/El Moro	157.6	226.1
10 <sup>th</sup> Street	227.6	226.2
South Bay (lower)	659.8	435.7
South Bay (upper)	34.3	334.4
<b>TOTAL</b>	<b>1843.2</b>	<b>1391.9</b>



# Water Billing Information

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Forty-three percent of the service area received bills for approximately **14.29 MG** consumption for the period of February 10, 2021 through April 10, 2021. This generated approximately **\$261,154.06** in revenue.



# Rainfall – Water Year April through March

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<b>Water Year</b>	<b>Total</b>
2021-2022 (through March)	0.00
2020-2021	13.52
2019-2020	13.23
2018-2019	23.09
2017 - 2018	13.62
2016 - 2017	26.01
2015 - 2016	16.74
2014 - 2015	7.61
2013 - 2014	6.59



# Utilities Department Report

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## Questions

# Agenda Item 6:

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## Utility Department Updates



# Agenda Item 6: Utility Department Updates

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## Program C Well

- SWCA has completed the work on the project's Mitigated Negative Declaration. The public comment period opens on May 19, 2021 and close on June 19, 2021 at 5:00pm.
- Staff is continuing to work on the scope of work for the drilling phase of the project and the Minor Use Permit application with the County.



# Agenda Item 6: Utility Department Updates

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## **8th Street Upper Aquifer Well**

- Staff authorized design engineer to update costs and complete design to go out to bid. Approval to BOD in June 2021.

## **16th Street North Tank Issues**

- The water crew discovered a fairly significant crack in the water feed line on the north 16<sup>th</sup> Street tank. The crew made a temporary repair to the crack to the ductile iron pipe which will provide time until a permanent repair is made. Both the north and south tanks are scheduled for rehabilitation with the south tank scheduled for the upcoming fiscal year. Staff will need to reconsider the rehabilitation strategy given the condition of the fill line pipe.





# Utility Department Updates

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## Questions



# Agenda Item 7:

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## Final Budget Review 2021/2022 Budget for Fund 500 & Fund 800



# Fund 500 – Water

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## Zone A Property Tax Allocation – 5% increase in allocation over FY 2020-21

Zone A Property Tax Allocation	Estimated Tax Revenue	
	\$271,996.00	
	% Allocation	\$ Allocation
Fund 301 - Fire	52.5%	\$142,797.90
Fund 500 - Water	40.0%	\$108,798.40
Fund 900 - Parks & Rec	7.5%	\$20,399.70
<b>Total</b>	<b>100.0%</b>	<b>\$271,996.00</b>



# Fund 500 – Water

<b>Fund 500 Budget Category</b>	<b>2020-2021 Budget</b>	<b>2021-2022 Budget</b>	<b>Increase/ (Decrease)</b>
<b>Revenue</b>	\$2,906,251.30	\$2,942,647.40	\$36,396.10
<b>Expenditures</b>			
<b>Total Personnel</b>	\$763,181.13	\$780,181.50	\$17,000.37
<b>Services &amp; Supplies</b>	\$675,310.90	\$610,737.81	-\$64,573.09
<b>Capital Outlay</b>	\$1,301,762.28	\$1,458,623.00	\$156,860.72
<b>Debt Service</b>	\$275,556.50	\$275,556.50	\$0.00
<b>Reserves</b>	\$57,000.00	\$57,000.00	\$0.00
<b>Transfers</b>	\$568,548.00	\$565,249.50	-\$3,298.50
<b>TOTAL Expenditures</b>	<b>\$3,641,358.81</b>	<b>\$3,747,348.31</b>	<b>\$105,989.50</b>
<b>TOTAL Revenue</b>	<b>\$2,906,251.30</b>	<b>\$2,942,647.40</b>	<b>\$36,396.10</b>



# Fund 800 – Drainage

<b>Fund 800 Budget Category</b>	<b>2020-2021 Budget</b>	<b>2021-2022 Budget</b>	<b>Increase/ (Decrease)</b>
Revenue	\$126,738.00	\$135,339.00	\$8,601.00
<b>Expenditures</b>			
Total Personnel	\$9,200.00	\$9,200.00	\$0.00
Services & Supplies	\$26,251.96	\$29,584.24	\$3,332.28
Capital Outlay	\$43,000.00	\$15,000.00	-\$28,000.00
Reserves	\$0.00	\$0.00	\$0.00
Transfers	\$13,299.37	\$13,222.21	-\$77.16
<b>TOTAL Expenditures</b>	<b>\$91,751.33</b>	<b>\$67,006.45</b>	<b>-\$24,744.88</b>
<b>TOTAL Revenue</b>	<b>\$126,738.00</b>	<b>\$135,339.00</b>	<b>\$8,601.00</b>



# FY 2021-22 Preliminary Budget Review

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Questions or Comments?




# Agenda Item 8:

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## Public Comment For Items Not On The Agenda

To Speak:

Raise your Hand by clicking  on your computer  
Or Press \*9 to raise your hand via phone.



# Agenda Item 9:

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Schedule Next UAC Meeting

June 16, 2021

at 5:30pm





# Agenda Item 10:

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## Closing Comments by UAC Committee Members



# Agenda Item 11:

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## Adjournment

