

CITY OF VENTURA
CITY COUNCIL AGENDA

Supplemental Information Packet

**Agenda Related Items - Meeting of November 19, 2018
Supplemental Packet Date: November 19, 2018 – 4:00 p.m.**

T. OEHLE

Supplemental Information:

Any agenda related public documents received and distributed to a majority of the City Council after the Agenda Packet is printed are included in Supplemental Packets. Supplemental Packets are produced as needed. The Supplemental Packet is available in the City Clerk's Office, 501 Poli Street, Room 204, Ventura, during normal business hours as well as on the City's Website – www.cityofventura.ca.gov
<https://www.cityofventura.ca.gov/1236/City-Council-Public-Hearing-NoticesSuppl>

ADMINISTRATIVE REPORT

Date: October 29, 2018

Agenda Item No.: 8L

Council Action Date: October 29, 2018

To: Honorable Mayor and City Council

From: Antoinette M. Mann, City Clerk

Subject: Public Correspondence Received – November 19, 2018 City Council Agenda Item No. 8L

Attached is public correspondence submitted to City Council received by 3:30 p.m. on November 19, 2018, related to November 19, 2018 Agenda Item No. 8L.

AGENDA ITEM NO. 8L

From: [burt handy](#)
To: [City Clerk Internet Email](#)
Subject: Consent Item 8L
Date: Monday, November 19, 2018 9:10:16 AM

Honorable Mayor, City Council, City Manager

In my humble opinion, Ventura Water has not evaluated options with the city of Oxnard to collaborate with their Advanced Wastewater Treatment Facility (AWTF) as a possible alternative which would be much cheaper, and have the ability to treat our wastewater in a more expeditious manner.

Currently, their system is capable of expanding to treat 36 MGD of tertiary water to produce 25 MGD of pure water.

They have had a decrease in influent coming into their plant dropping from 23 MGD to 18.8 MGD currently.

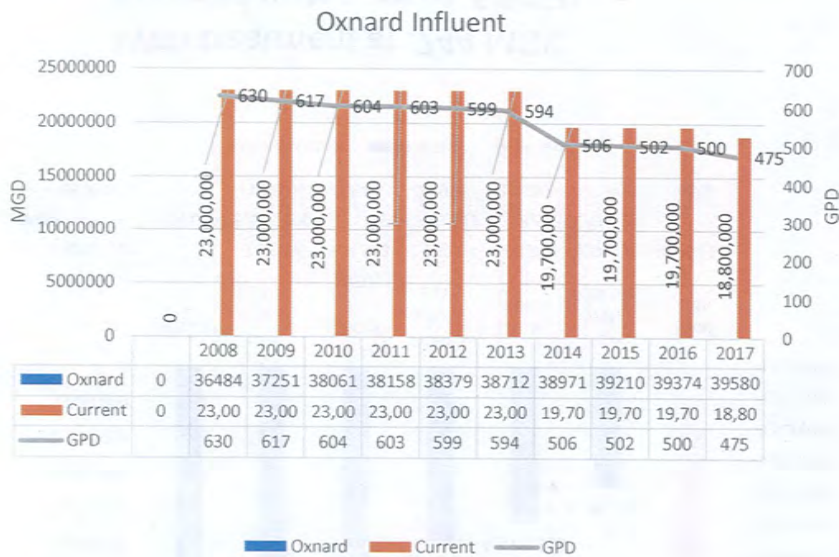
This leaves 17.8 MGD unused in their AWTF system.

Due to the above information, I believe it is incumbent on Ventura Water to evaluate the costs, and benefits compared to the current direction

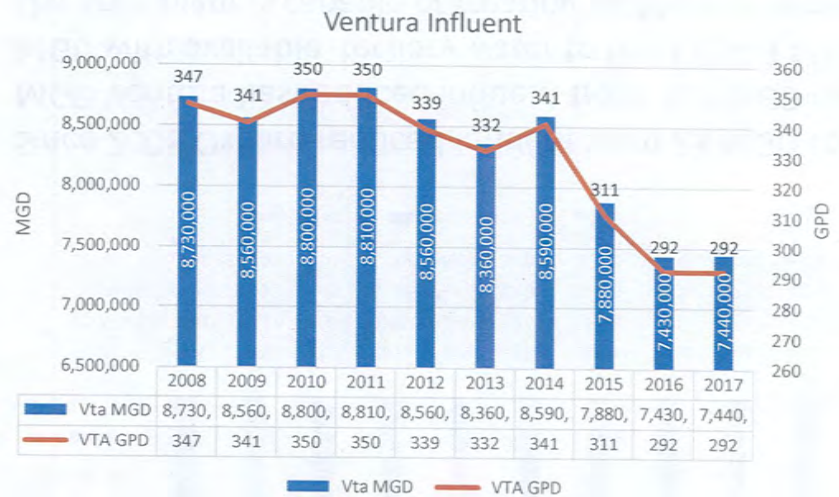
Burt Handy

Questions about Ventura Pure Advanced Wastewater Treatment Facility Project

I believe the city of Ventura should collaborate with the city of Oxnard's Advanced Wastewater Treatment Facility (AWTF) for a beneficial reduction in expected costs, which would result in an economy of scale for the technical side of the operation. Additionally, the running costs for repayment would be much less, and beneficial to the ratepayers of Ventura.

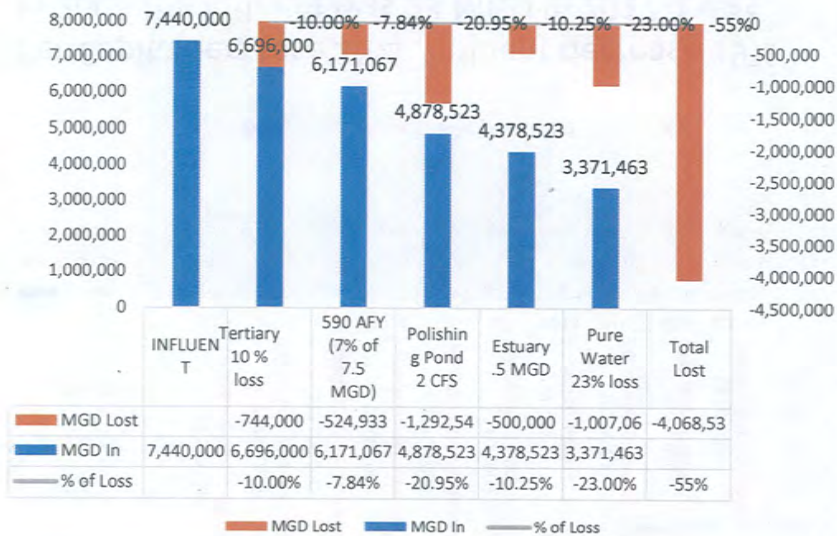


Per Capita decrease 25% Influent decrease 19%
 In 2008 the influent was 23 MGD in 2017 it was reduced to 18.8 MGD



Per Capita Decrease 16% Influent decreased 15%
 In 2008 the influent was 8.7 MGD. In 2017 the influent was reduced to 7.4 MGD

Estimated Losses of Tertiary Water to Produce Pure Water



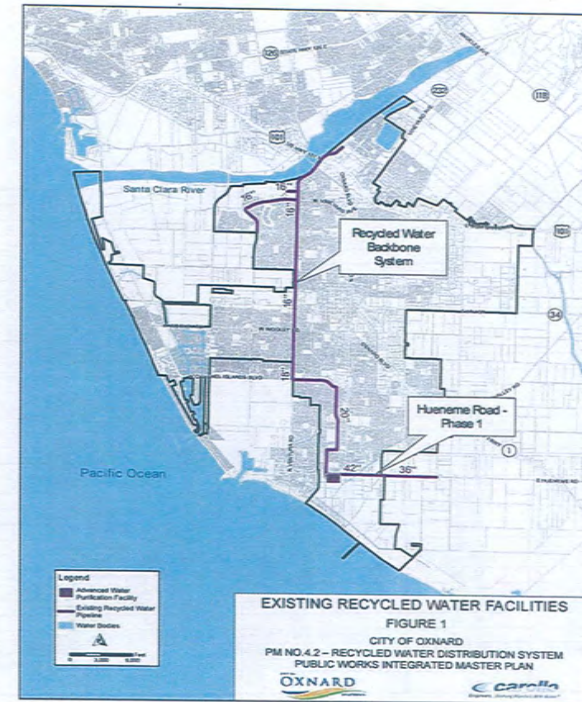
With treatment at .744 MGD
 Recycled water use at .5 MGD
 Polishing Pond loss of 1.2 MGD
 And estuary of .5 MGD that leaves
 Approximately 4.3 MGD to be treated
 Total of 3 MGD Lost to above

Oxnard and Ventura Influent Combined



Since 2008 Oxnard reduced influent from 23 MGD to 18.8 MGD Ventura has reduced influent from 8.7 MGD to 7.44 MGD with available tertiary water to treat at 4.3 MGD. Oxnard's plant is capable of treating 36 MGD of tertiary water to produce 25 MGD at their AWTF. Using Ventura's current available tertiary that leaves 12.8 MGD available expansion

- The schematic on the right shows the existing Recycled Water Backbone System which goes from the Advanced Water Treatment Facility to the recharge basins by the Santa Clara River (approximately 1 mile from the proposed state water pipeline)



Potential Savings in Wastewater CIP costs

- If Ventura Water collaborates with Oxnard's Advanced Water Treatment Facility, I believe there would be great savings to the rate payers of Ventura...
- Brine Line \$37,000,000
- Land Acquisition \$5,000,000
- Recycled Water Line \$16,500,000
- Majority of Plant Cost \$77,000,000
- Unknown cost savings on staff due to duplication between Ventura & Oxnard

PROGRAM AREA INDEX
WASTEWATER

Project Priority	Project Number	Project Title	Community Location	Estimated Cost	Section	Page
93	96935	Wastewater Plant - Purification Facility Land Acquisition	All City	\$ 5,150,000	8	5
93	96938	Brine Line and Ocean Outfall	All City	\$ 37,000,000	8	7
93	96939	Wastewater Plant - Wetlands Improvements	All City	\$ 10,640,000	8	9
93	96940	Recycled Waterline - Purewater Pipelines	All City	\$ 16,500,000	8	11
93	96945	Wastewater Plant - Advanced Purification Facility	All City	\$ 77,700,000	8	13
73	74093	Sewerline Repair/Replacement - Bristol Line	North Bank	\$ 100,000	8	15
73	74094	Sewerline Repair/Replacement - Navigator/Harbor	Pierpont	\$ 100,000	8	17
73	74095	Sewerline Repair/Replacement - Alley, Mills to Empire	Midtown	\$ 100,000	8	19
73	74096	Sewerlines Repair/Replacement - South Victoria Area	Thlie	\$ 100,000	8	21
71	74089	Harbor Force Main - San Pedro to Figueras	Downtown	\$ 12,550,000	8	23
71	96822	Transfer Station - Seaside Land Acquisition	Downtown	\$ 800,000	8	25
71	96834	Sewerline Replacement-Seaside Wastewater Force Main	Downtown	\$ 11,270,000	8	27
71	96844	Wastewater - Seaside Transfer Station Improvements	Downtown	\$ 21,640,000	8	29
70	74075	Sewerline Replacement - Palma/Harbor	Oliva	\$ 9,000,000	8	31
69	74092	Sewerline Replacement - HWY 101 at Northbank	North Bank	\$ 330,000	8	33
69	96937	Sewerline Replacement - Main St / Mills to Telephone	Arundell	\$ 2,750,000	8	35
68	96919	Wastewater Lift Station - North Bank Lift Station Upgrades	North Bank	\$ 1,960,000	8	37
67	96941	Sewerline Replacement - Ann St Area	Downtown	\$ 2,560,000	8	39
64	96928	Wastewater Plant - Aeration Blowers	All City	\$ 8,490,000	8	41
63	96933	Sewerline Replacement - Main St and Coronado St	Midtown	\$ 1,850,000	8	43
61	96918	Wastewater Plant - Digester Improvement	All City	\$ 9,070,000	8	45
61	96936	Wastewater Plant - Primary Treatment Enhancements	All City	\$ 6,260,000	8	47
60	96874	Wastewater Plant - Tertiary Filter Replacement	Pierpont	\$ 6,420,000	8	49
59	74098	Wastewater Plant - Increase of Anoxic Tank Capacity	Pierpont	\$ 3,080,000	8	51
56	96943	Wastewater Plant - Site Security Enhancements	Pierpont	\$ 2,090,000	8	53
47	96894	Wastewater Plant - Maintenance Storage Building	Pierpont	\$ 2,420,000	8	55
43	96904	Wastewater Plant - Water Efficiency Landscape Imprvmts.	Pierpont	\$ 250,000	8	57
43	96926	Oliva Sewerline Extension	North Bank	\$ 880,000	8	59
35	96927	Oliva Reclaimed Water Main	North Bank	\$ 1,190,000	8	61
35	96930	Wastewater Plant - Headworks Bulking Demolition	Pierpont	\$ 805,000	8	63

Potential Savings in Water CIP Costs

- Potential Cost Savings in Water CIP costs
- Mound Basin Aquifer Storage \$24,000,000
- Unknown costs for lab development and equipment
- Unknown cost increases due to legal, and other unforeseen issues in the process

PROGRAM AREA INDEX
WATER

Project Priority	Project Number	Project Title	Community Location	Estimated Cost	Section	Page
	73048	Well - Saticoy Well #4	Saticoy	\$ 5,100,000	9	5
93	73081	Water Treatment - Saticoy Conditioning Facility Upgrades	Saticoy	\$ 14,000,000	9	7
93	73078	Treatment - Bailey Plant Modification	Poinsettia	\$ 5,960,000	9	9
93	73102	Treatment - State Water Blending Station	All City	\$ 3,990,000	9	11
83	97934	Treatment - Mound Basin Aquifer Storage	All City	\$ 24,000,000	9	13
93	97949	State Water Project Interconnection	All City	\$ 22,000,000	9	15
71	97921	Well - Foster Park Wellfield Production Restoration	North Avenue	\$ 28,350,000	9	17
57	73095	Waterline Replacement - Alley, Wells to Campanula	Saticoy	\$ 1,550,000	9	19
55	73082	Waterline Replacement - Main/Telephone/Valentine	Midtown	\$ 8,900,000	9	21
51	97938	Automated Meter Reading Installation - Citywide	All City	\$ 17,000,000	9	23
51	97957	Mariano Water Reservoirs Replacement	Hillside Open Space	\$ 1,935,000	9	25
49	97941	Waterline Replacement - Pierpont Lanes	Pierpont	\$ 1,560,000	9	27
49	97948	Waterline Replacement - Ondulando Phase 4	Poinsettia	\$ 3,000,000	9	29
48	73103	Pump Station - Kalorama Replacement	Midtown	\$ 2,980,000	9	31
48	97896	Well - Golf Course BPS & Wells Upgrade	Olivas	\$ 1,970,000	9	33
48	97953	Pump Station - Seaward/Poli Upgrade	Midtown	\$ 1,250,000	9	35
47	73100	Well - Victoria Well No. 3	All City	\$ 2,000,000	9	37
47	97823	Well - Mound Well 2	Serra	\$ 5,875,000	9	39
46	73099	Well - Saticoy Country Club Well No. 2 Rehabilitation	Saticoy	\$ 500,000	9	41
46	73111	Pump Station - 210/280 Boundary Adjustment	All City	\$ 1,500,000	9	43
46	97954	Waterline Replacement-Harbor/Peninsula to Beachmont	Pierpont	\$ 1,036,000	9	45
46	97955	Waterline - Midtown to Westside Interconnection	College	\$ 13,400,000	9	47
46	97956	Waterline - Eastside to Midtown Interconnection	Wells	\$ 5,700,000	9	49
45	97933	Well - Foothill Well	Wells	\$ 6,000,000	9	51
45	97942	Treatment - Avenue Plant Membrane Module Rplcmts.	Westside	\$ 8,250,000	9	53
45	97945	Well - Repair and Restoration of Intake Structure	Ventura River	\$ 785,000	9	55
45	97951	Well - Mound Well 3	Montalvo	\$ 5,400,000	9	57
19	97950	Waterline - Olivas Park Drive Extension	Olivas	\$ 1,840,000	9	59

- I believe the city council should mandate Ventura Water to conduct a cost analysis in a collaborative effort with Oxnard to provide this service.
- I truly believe the cost is too high for an estimated 4.3 MGD which would result in approximately 3.3 MGD of usable potable pure water

