

# Oronoco Area Wastewater System Collection and Treatment Facilities

## Public Information Meeting Project Update

June 28, 2018

Presentation: Joe Palen and Mark Hanson



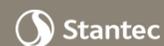
## Project Options

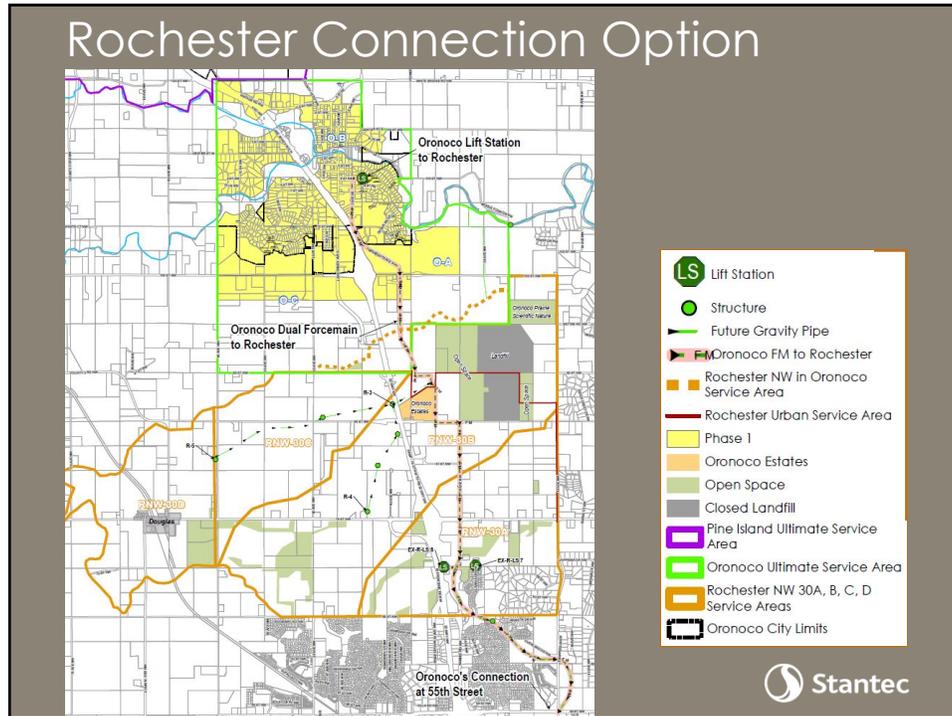
### Rochester Connection Option

- Regional Conveyance to Rochester

### Oronoco WWTF Option

- Regional Site

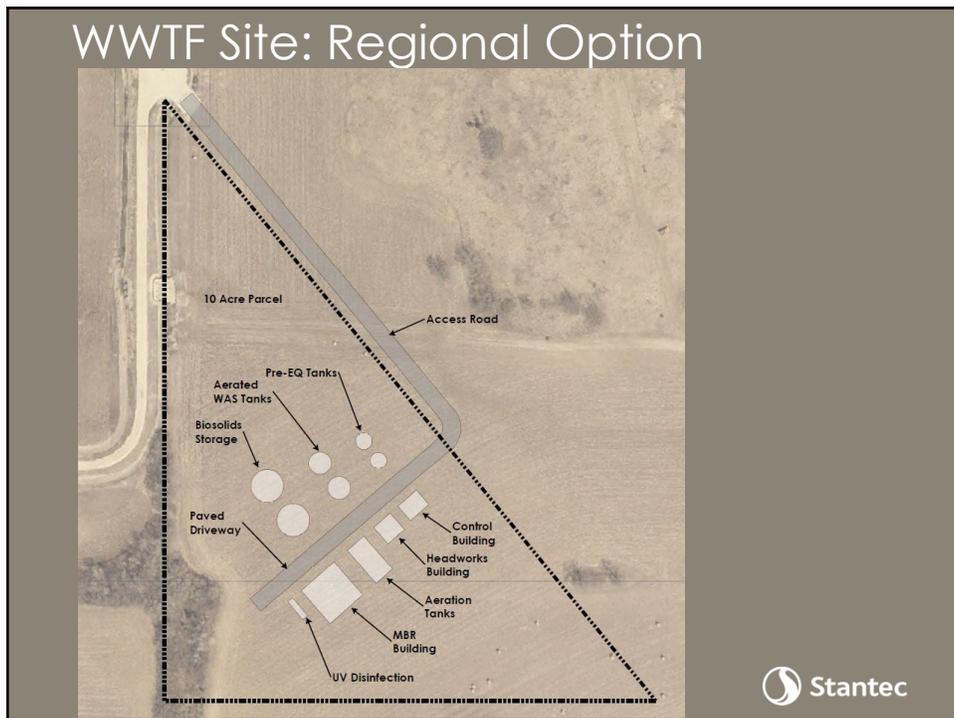
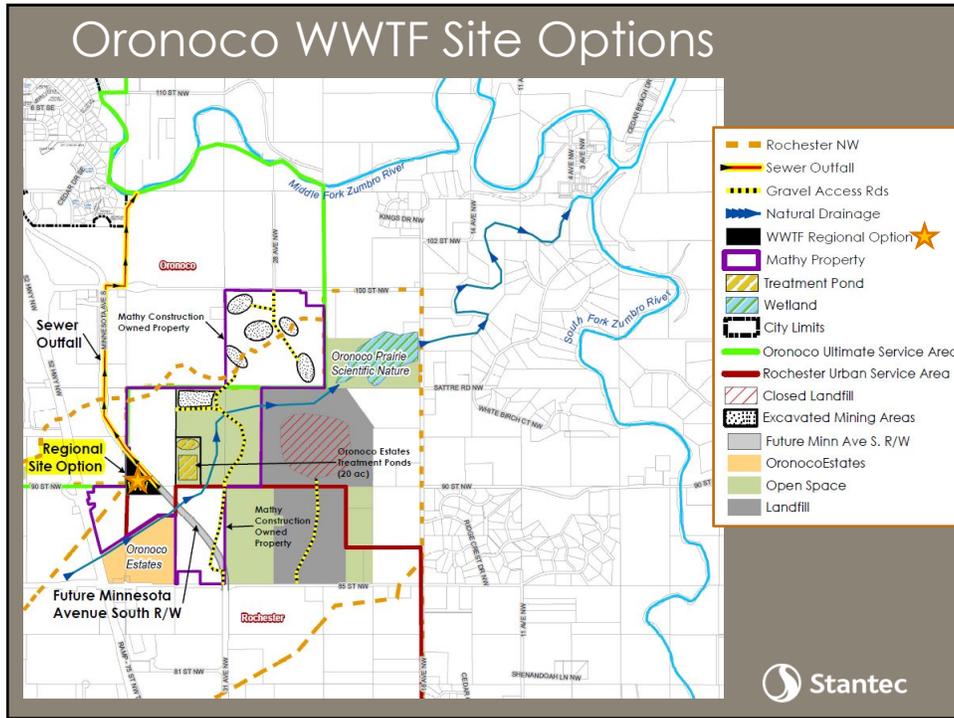




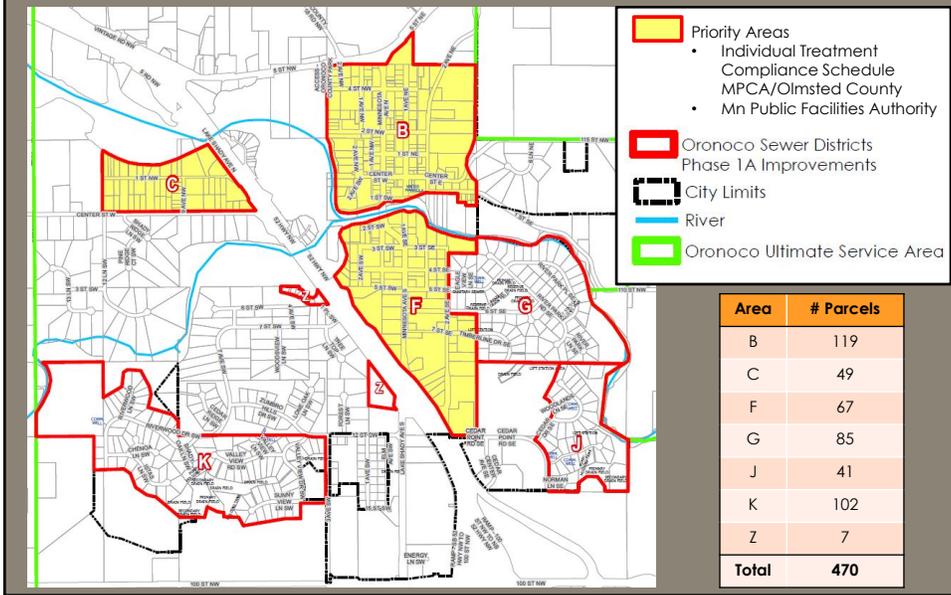
## Rochester Wastewater Treatment Agreement

(Rochester City Council Approved April 30<sup>th</sup>, 2018)

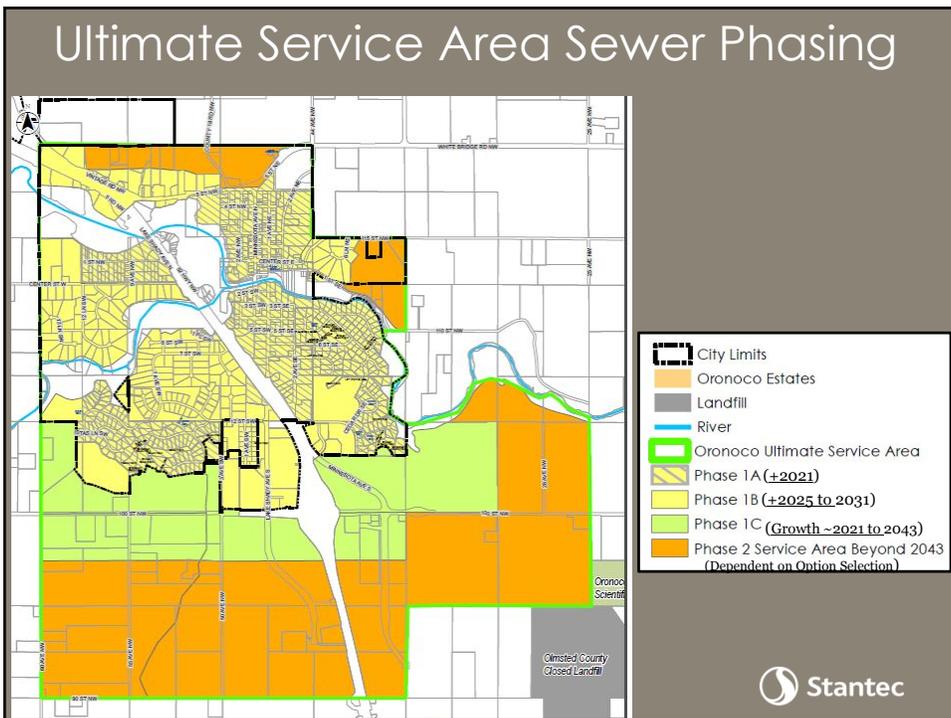
- Flow Restricted to 0.400 Million Gallons/Day (MGD)
- Oronoco Adopt Rochester Wastewater Ordinance
- Oronoco Pay Rochester
  - SAC Fee; \$3,034/Developable Acre
  - PIF Fee; \$3,600/ERU
  - Monthly Sewer Charge + 10%
- Oronoco Service Area Limited to Phase 1
- Oronoco Comprehensive Plan Consistent with Rochester Comprehensive Plan
- Renegotiate Agreement Flow Exceeds 0.400 MGD



## Areas To Be Included Phase 1A Sewer District



## Ultimate Service Area Sewer Phasing



# Cost Summary

## Phase 1A Capital Cost/Connection & Usage Charge

Item	Rochester Connection	Oronoco WWTF		Difference (WWTF to Roch. Cxn)
		Regional Site Option		
<b>Capital Cost</b>				
Wastewater Treatment Facility (0.436 MGD for Oronoco)		\$ 20,100,000		
Oronoco Trunk	\$ 16,080,000	\$ 7,630,000		
Oronoco Lateral for Phase 1A	\$ 6,960,000	\$ 6,960,000		
Subtotal Capital Cost for Phase 1A	\$ 23,040,000	\$ 34,690,000	\$	<b>11,650,000</b>
<b>Connection &amp; Usage Charge for Phase 1</b>				
(1) Rochester Plant Investment Fee (PIF); 2021=\$3,600/Equivalent Residential Units (ERU)	\$ 6,257,000			
(2) Rochester Service Availability Charge (SAC); 2018=\$3,034/Developable Acre (DA)	\$ 2,992,000			
(3-4) Present Worth Usage Rate	\$ 10,390,000	\$ 9,090,000		
Present Worth Oronoco Collection System O&M	\$ 2,644,000			
Subtotal Connection/Usage Charge for Phase 1A	\$ 22,283,000	\$ 9,090,000		
<b>Present Worth Capital Costs And Connection/Usage Charge</b>	<b>\$ 45,323,000</b>	<b>\$ 43,780,000</b>	<b>\$</b>	<b>(1,543,000)</b>



# Evaluation Summary

Screening Criteria	Screening Criteria Ranking	Rochester Connection		Oronoco WWTF	
		Option Ranking	Ranking Score	Regional Site Option Ranking	Ranking Score
Oronoco Comprehensive Plan Land Use/Density/Sewer Phasing	3	1	3	3	9
Economy Declines	3	3	9	1	3
Benefit in 20 Years (2040)	3	2	6	3	9
Oronoco Regulates Fees/Charges	2	1	2	3	6
Total Capital Cost & Fees, Charges, Present Worth Usage Rates	2	2	4	2	4
Economy Grows	2	2	4	3	6
Funding Local Share of Project Capital Costs (20% Bonding Match)	2	2	4	1	2
Capital Cost WWTF	1	3	3	2	2
Maintenance WWTF	1	3	3	2	2
Environmental Review	1	3	3	1	1
Discharge Permit for New WWTF	1	3	3	1	1
Oronoco Trunk Cost	1	1	1	2	2
Benefits Region (2020)	1	2	2	3	3
<b>Total Ranking Score</b>			<b>47</b>		<b>50</b>

Screening Criteria Ranking	
3	Most Important
2	Neutral
1	Least Important

Option Ranking	
3	Favored when Compared to Other Options
2	Neutral when Compared to Other Options
1	Less Desirable when Compared to Other Options



## Next Steps

- Council Selection of Preferred Wastewater System Option (July 17, 2018)
- Adopt Special Appropriation Resolution (\$2,500,000; 2018 Bonding Bill) - (July 17, 2018)
- Submit Application "PSIG" Program (July 31, 2018)
- Submit PFA Work Plan to Finalize Options (\$200,000 Remaining from \$500,000; 2017 Grant)
  - Update Oronoco Comprehensive Plan
  - Finalize Facility Plan Update
  - Draft Feasibility Report
- Oronoco Estates Commitment to Participate (MOU / Agreement)
- Submit PFA Work Plan for Recommended Option (\$2.5M; 2018 Bonding Bill)
  - Environmental Assessment Worksheet (EAW)
  - Pre-design
  - Design
  - Survey
  - Easements/Acquisition

