




Potential Regional Organics Processing Facility Site Location Recommendation

CC/BPU Liaison Subcommittee
Emma Walton, Deputy Director of Engineering
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History of In-County Organics Processing

- 1992 Zero Waste Sonoma (ZWS) Formed 
 - Formerly the Sonoma County Waste Management Agency
 - Joint Powers Authority for the Unincorporated Area and Nine Cities and Towns in Sonoma County
 - Mission of Waste Diversion
- 1993 In-County Municipal Composting Facility Began Operations



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History of In-County Organics Processing

- Dec 2011 ZWS Released a Draft EIR for a New Compost Facility
- Apr 2013 ZWS Released the Final EIR for a New Compost Facility
- Oct 2015 The In-County, Municipal Composting Facility Closed due to Stormwater Runoff Issues

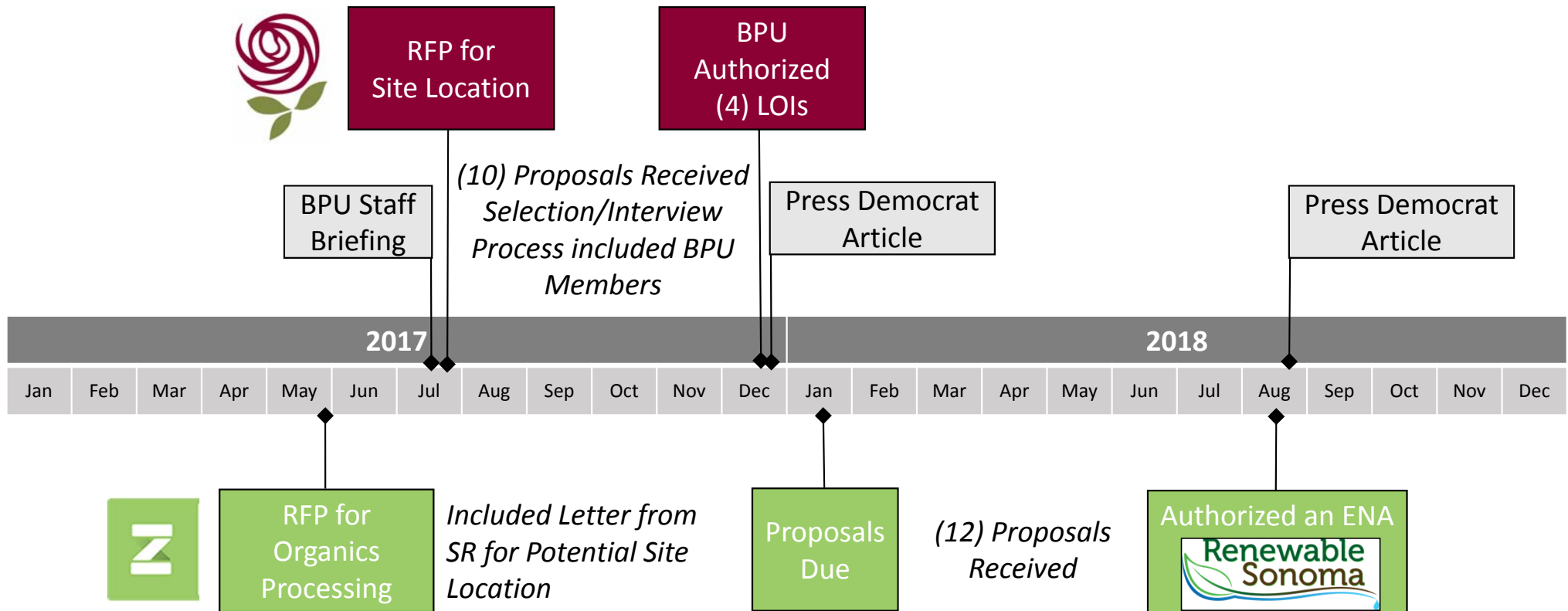


Why a Regional Organics Processing Facility?

- Since 2015, Organic Material has been Hauled Out-of-County
- ZWS and Member Agencies have an Interest in Supporting the Development an In-County Processing Facility
 - Help Sonoma County meet the requirements of SB 1383
 - Increase diversion rates of organic material from the landfill to beneficial reuse
 - Help Santa Rosa and the region meet greenhouse gas emission reduction goals
 - Provide our Community with locally produced, high-quality, organic soil amendments



Selecting a Facility Developer/Operator



Renewable Sonoma's Proposal



Enclosed
Receiving Facility



Covered Reversing Aerated
Static Pile Composting



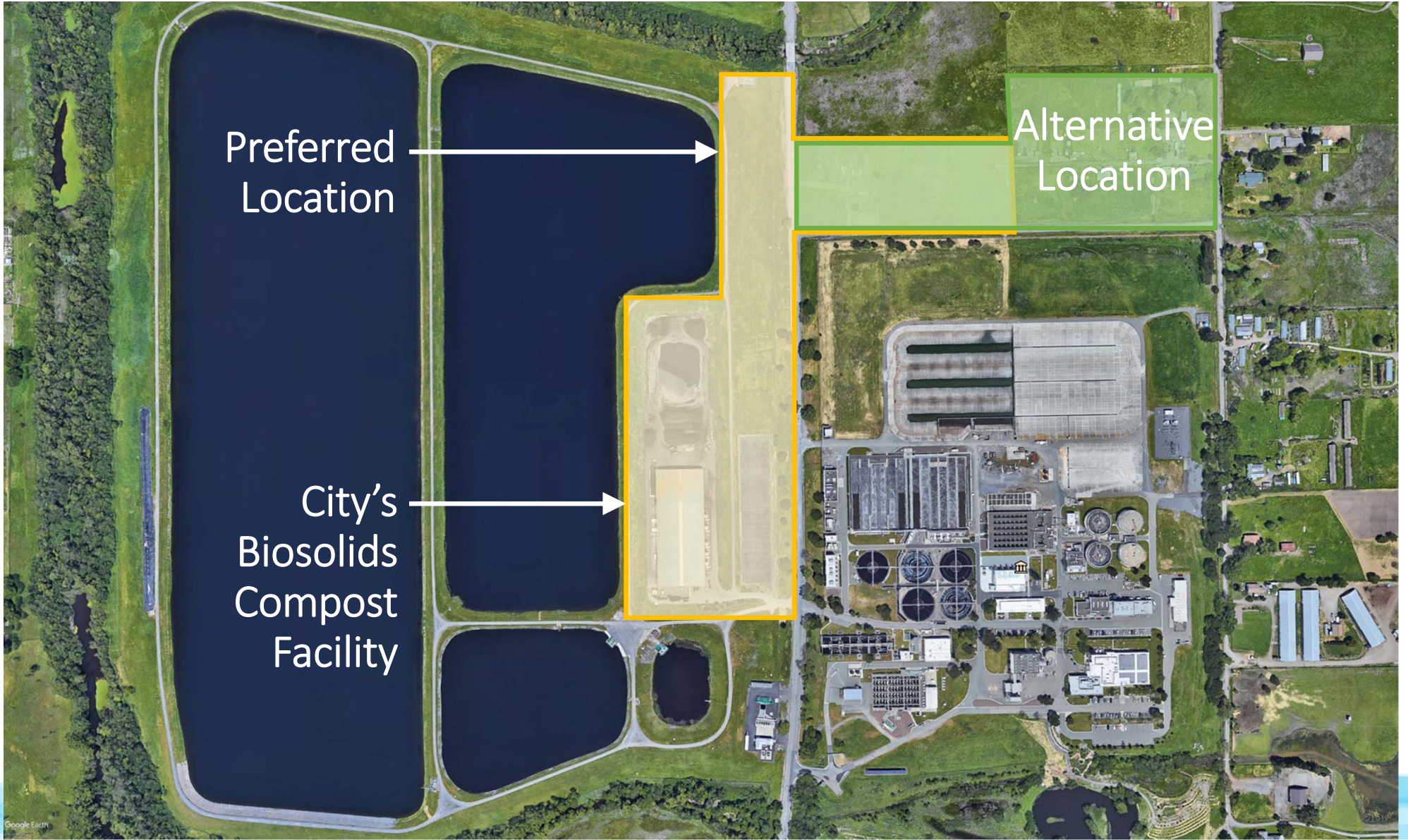
Anaerobic
Digestion



Key Features of the Proposed Facility

- Negative Pressure Receiving Facility
- Covered, Reversing Aerated Static Pile Composting
- Biofilters for Emissions Treatment
- Anaerobic Digestion to Produce Biogas
- Zero Discharge for Stormwater
- PV System to Offset Energy Needs
- Electric Equipment





Preferred
Location

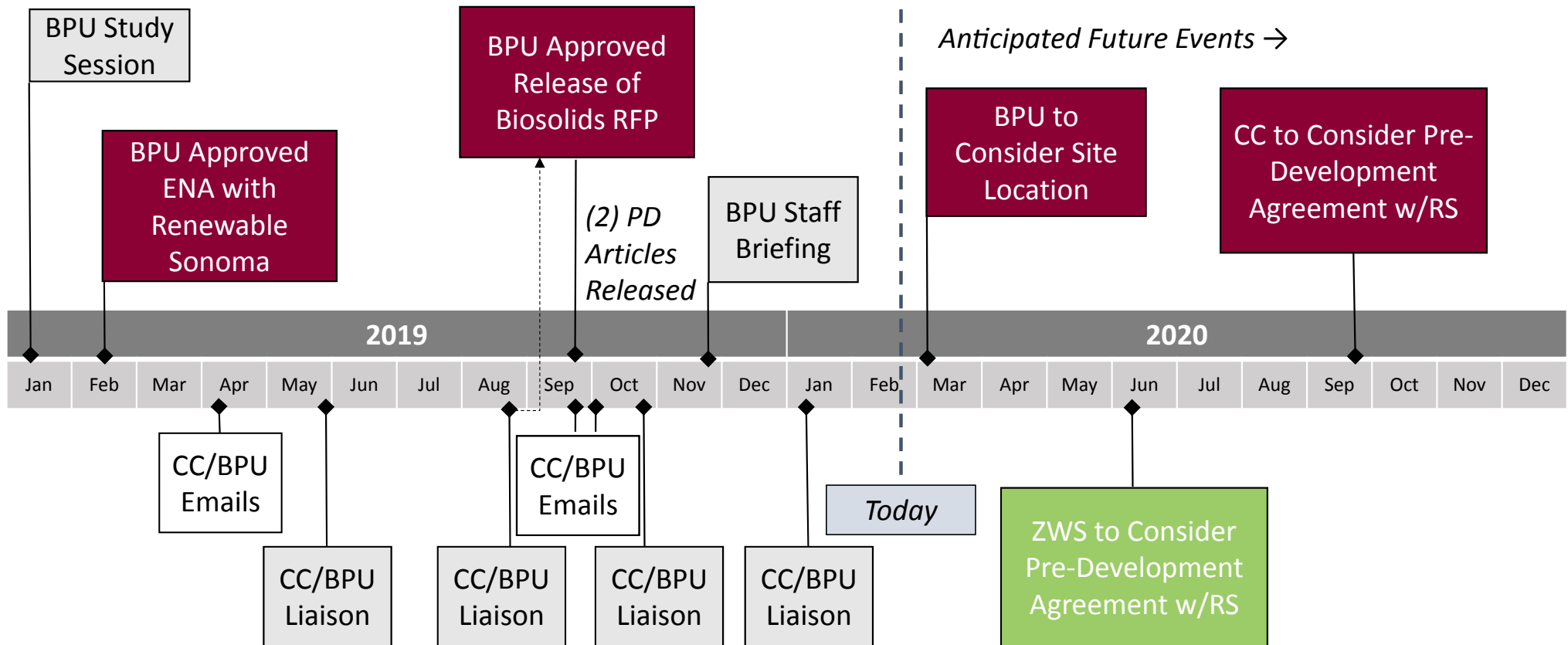
City's
Biosolids
Compost
Facility

Alternative
Location

Location Selection Process

- Phase 1 Near-term Biosolids Management Plan
 - Explore Alternatives to Biosolids Compost Facility
- Phase 2 Organic Material Processing Project
 - Greenfield Development or Re-purpose Biosolids Compost Facility Acreage to Organic Material Processing Facility

Location Selection Process



Preferred Location Aerial View



Benefits of the Preferred Location

- Existing/Permitted Composting Site
- Existing Water and Stormwater Infrastructure
- Less Environmental Impact
- Farther from the Neighbors

Community Concerns

Topic	Approach	CEQA Requirement*
2013 EIR and Findings	New Project will Require New CEQA	X
Flooding	Sporadic Flooding may Temporarily Impact Access	X
Stormwater Runoff	Zero Discharge Facility	X
GW Contamination	Operations on Impervious Surfaces	X
Airborne Emissions/Odors	Neg. Pressure Bldg, Filters, Composting Technology	X
Traffic	Opportunities to Minimize Truck Traffic	X
Noise	Constrained Hours of Operation	X
GHGs	Net Carbon Reduction	X
Lighting	Opportunities to Minimize Impacts	X
Public Engagement	Ongoing and Often Communication	X

*Developer funded requirement

Communicating with Our Community

- Informational Brochure Available
- Informational Websites

Zero Waste Sonoma zerowastesonoma.gov/organicsfacility

City of Santa Rosa srcity.org/organicsfacility

Renewable Sonoma renewablesonoma.com

- Letters to our Neighbors
- More Information to Come
 - Sign-up for Email Updates
 - Participate in Public Meetings



Next Steps

Near-Term

- March 5th - BPU to Consider:
 - Final Biosolids Processing Agreement
 - Organics Processing Facility Location
- Summer 2020 - Council to Consider Pre-Development Agreement with Renewable Sonoma

Long-Term

- Conceptual Site Plan/Project Description Development
- CEQA/Permitting
- Design/Construction/Commissioning



Future Decision Points

CC/BPU Liaison Subcommittee

- Recommendation on Lease Terms and Project

Board of Public Utilities

- Recommendation on Lease Terms and Project

Planning Commission

- Recommendation on Land Use and CEQA Document

City Council

- Decision on Land Use, Project, CEQA Document and Lease Terms



Recommendation

- The Water Department recommends that the CC/BPU Liaison Subcommittee recommend that the BPU approve negotiations with Renewable Sonoma on the lease of land near the Laguna Treatment Plant, a portion of which is currently occupied by the City's Biosolids Composting Facility, for the purpose of potentially locating a Regional Organics Processing Facility.

Questions?