

A Proposed Regional Organics Recycling Facility

Emma Walton
Deputy Director of Engineering
Board of Public Utilities
November 21, 2019



History

- 1992 Zero Waste Sonoma (SCWMA) Formed
- 1993 A Municipal Composting Facility began Operations in Sonoma County
- 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

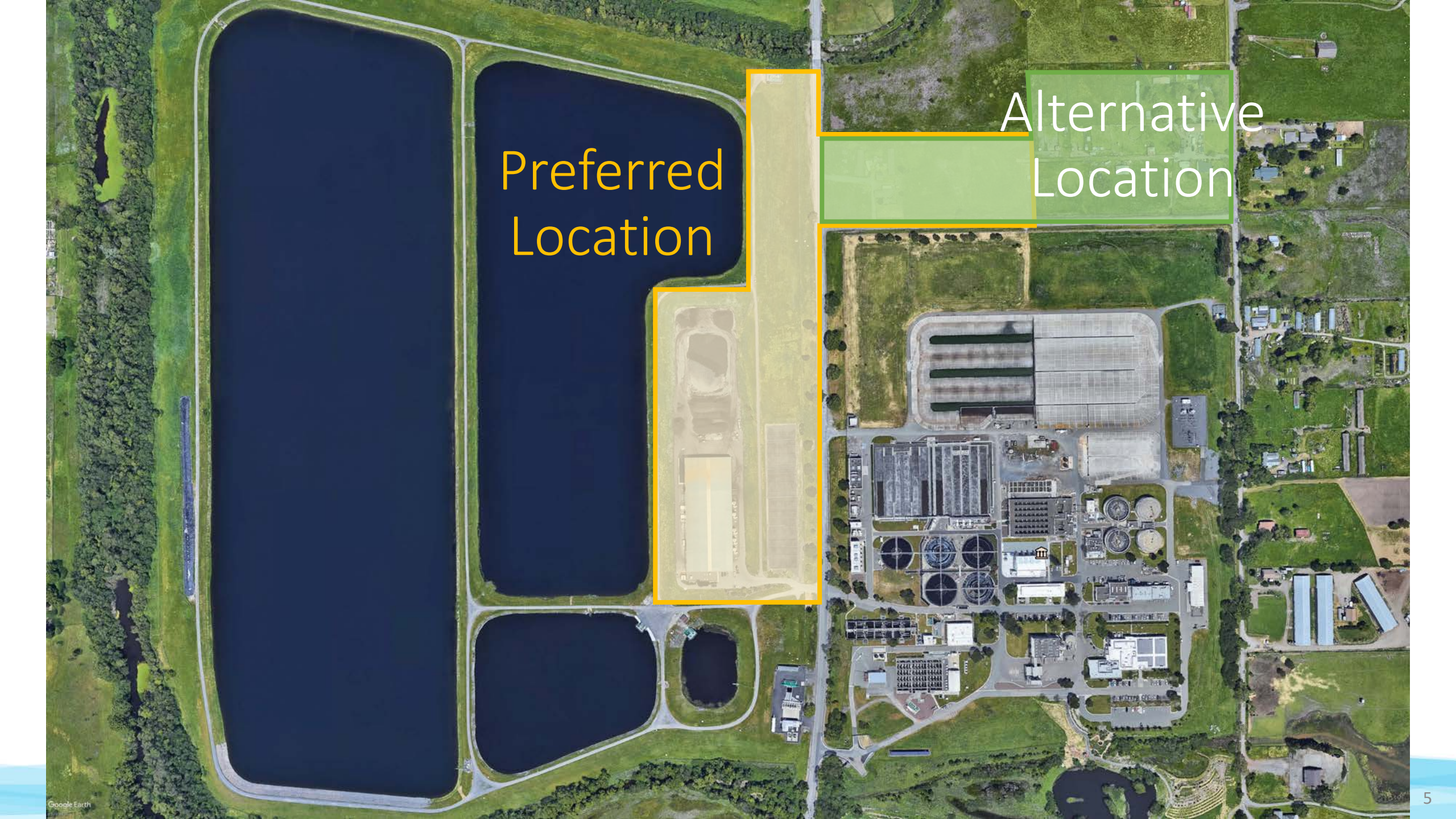
More Recent History

- May 2017 ZWS Released RFP for Organics Processing
- July 2017 City of Santa Rosa Released RFP for Facility Location
- Aug 2018 ZWS Selected Renewable Sonoma
- Feb 2019 BPU Authorized an ENA with Renewable Sonoma

Why a Regional Organics Recycling 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



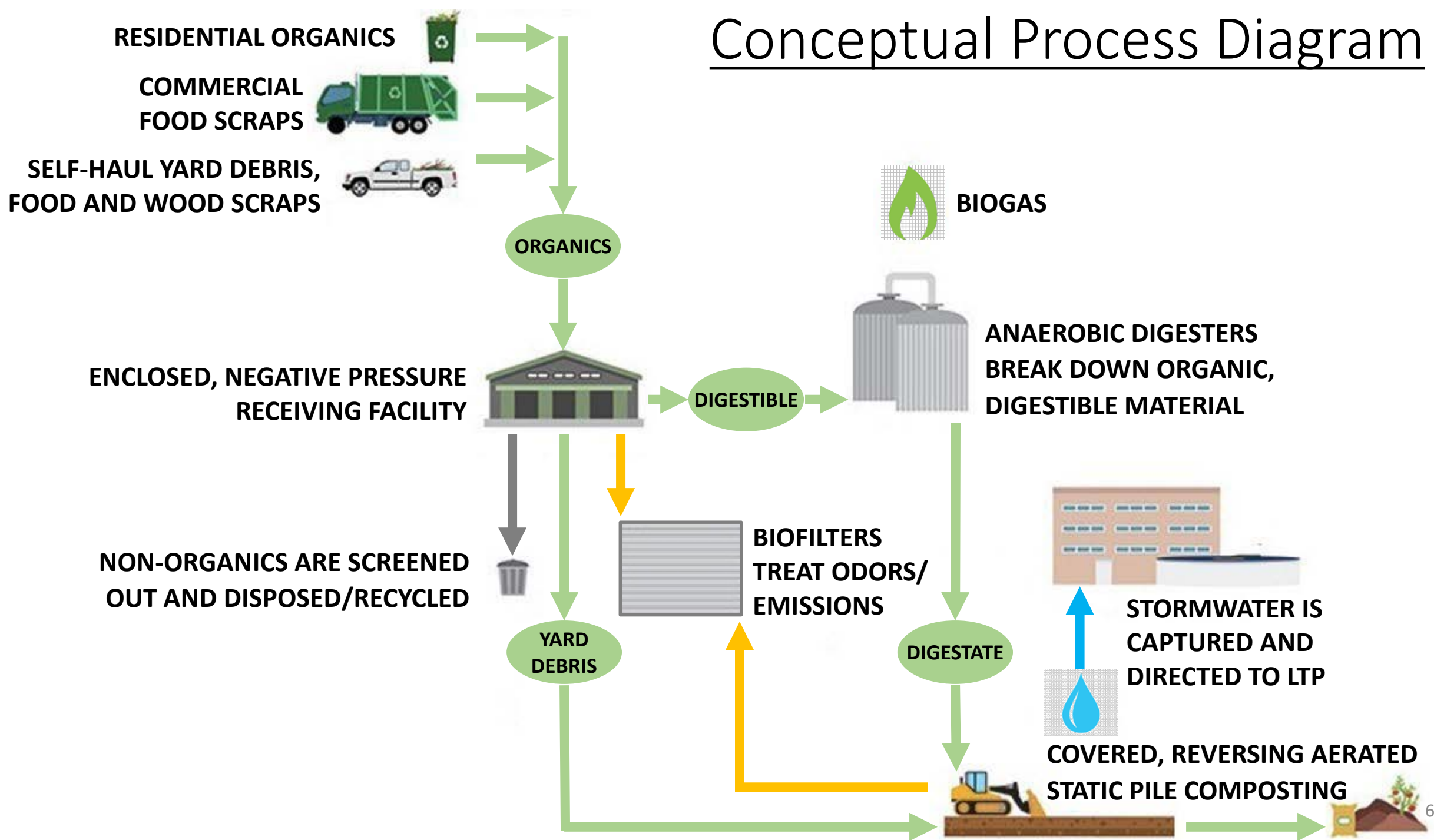


This is an aerial photograph of a wastewater treatment plant. The plant features several large, dark blue rectangular ponds. To the right of these ponds is a long, narrow, light-colored rectangular area. Further to the right is a large industrial building with a grey roof and several circular tanks. The surrounding area includes green fields, trees, and some residential buildings. Two areas are highlighted with semi-transparent boxes: a yellow box labeled 'Preferred Location' and a green box labeled 'Alternative Location'.

Preferred Location

Alternative Location

Conceptual Process Diagram



Key Features of the Proposed Facility

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



Communicating with Our Community

- Informational Brochure
- 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
 - Attend Public Meetings

Proposed Organics Processing Facility

For a Sustainable Sonoma County



Next Steps

- Near-Term

- Decision Regarding Location of Facility
(Proposals for Biosolids Processing due Dec. 19th)
- Pre-Development Agreement(s)
- Conceptual Site Plan/Project Description

- Long- Term

- CEQA (12-18 months)
- Permitting (12-24 months)
- Design/Construction (12-14 months)
- Commissioning (4 months)

{ Approximately }
3 to 5 years }

