



# SAN BENITO COUNTY INTEGRATED WASTE MANAGEMENT REGIONAL AGENCY CONCEPTUAL PROPOSAL FOR SB 1383 COMPLIANCE



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PRIVATE & CONFIDENTIAL





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## **Presentation Overview**

SB 1383 Overview

Facility Locations & Current Waste Flows

Proposed New Waste Transfer Station (Phase 1)

Proposed Advanced Waste Processing Facilities Including Energy Recovery (Phase 2)

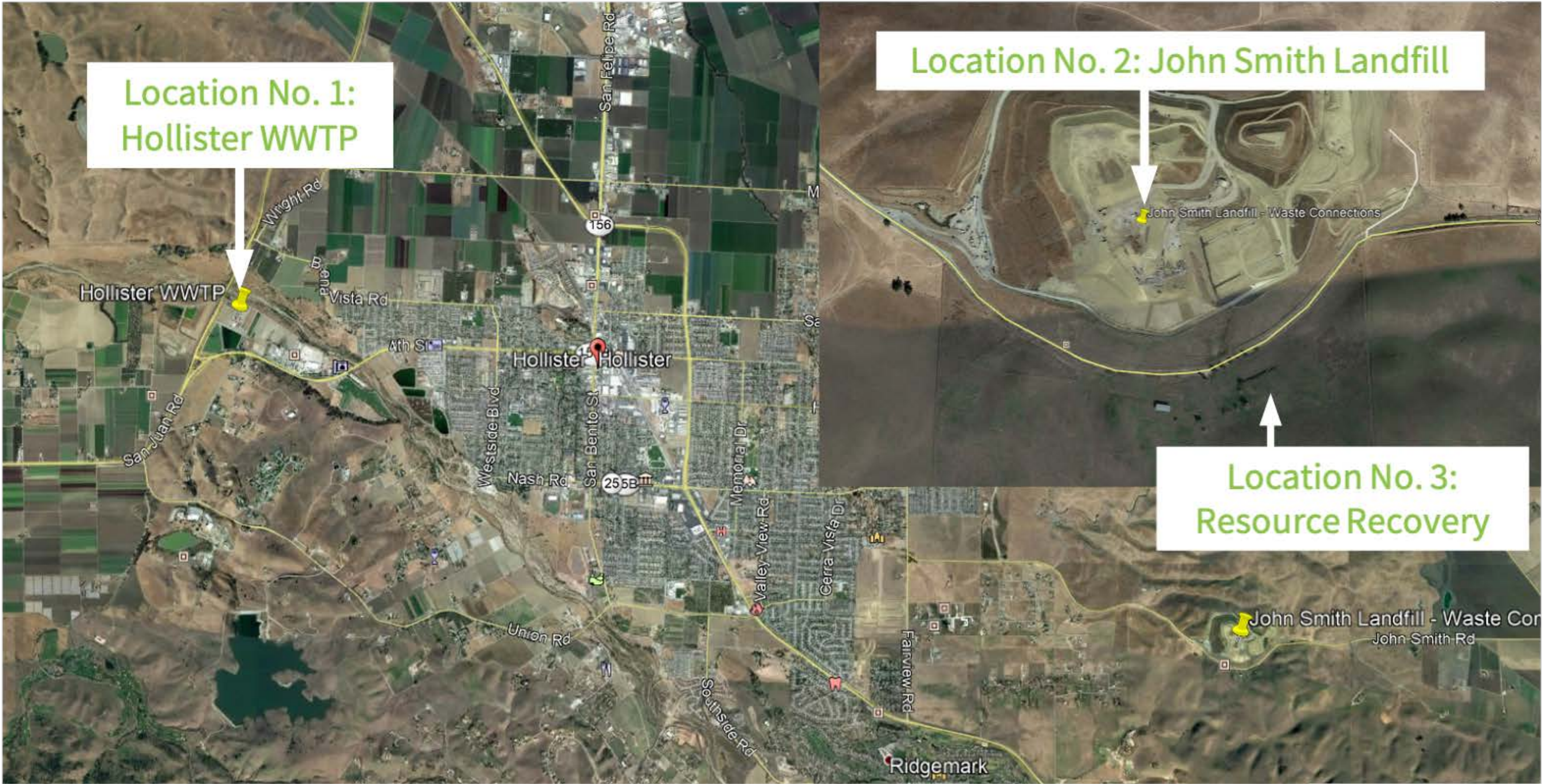
Project Timeline

Project Development Agreement Overview

### **Goals & Objectives of SBCIWM:**

1. Organics diversion infrastructure for SB 1383 compliance
2. Mitigate traffic impacts potentially associated with John Smith Landfill (JSL) expansion
3. Disposal facility for waste activated sludge (WAS) from the Hollister water reclamation plant and commercial food processors (e.g., tomato) within the County
4. Household hazardous waste receiving
5. Household goods salvage/reuse (e.g., Last Chance Mercantile)
6. Compost amendment/fertilizer source
7. Develop resource recovery area and landfill gas to energy





SOURCE: GOOGLE EARTH



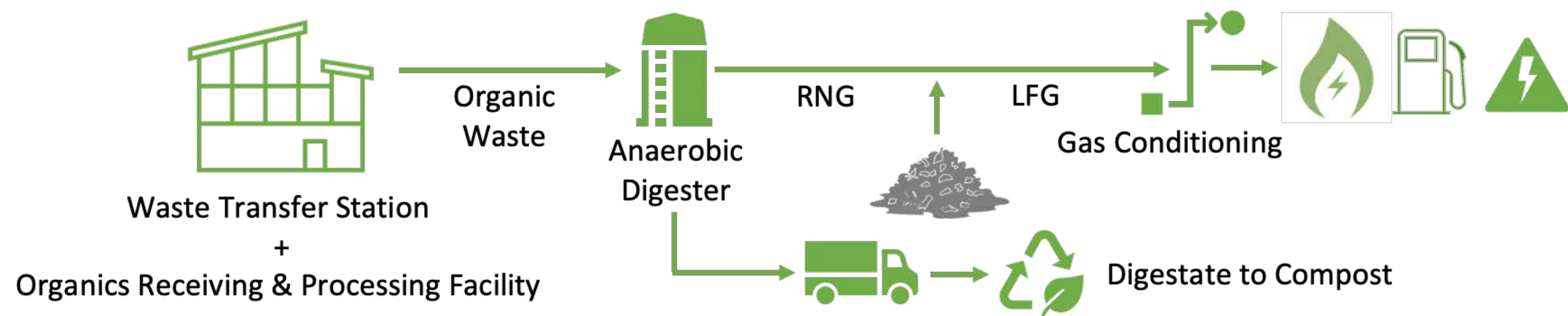
**Non-Franchised Waste**  
**New Proposed Project by VICO**  
**In County ~60,000 TPY**  
**Out of County ~280,000 TPY**



### No change in waste flows to these facilities

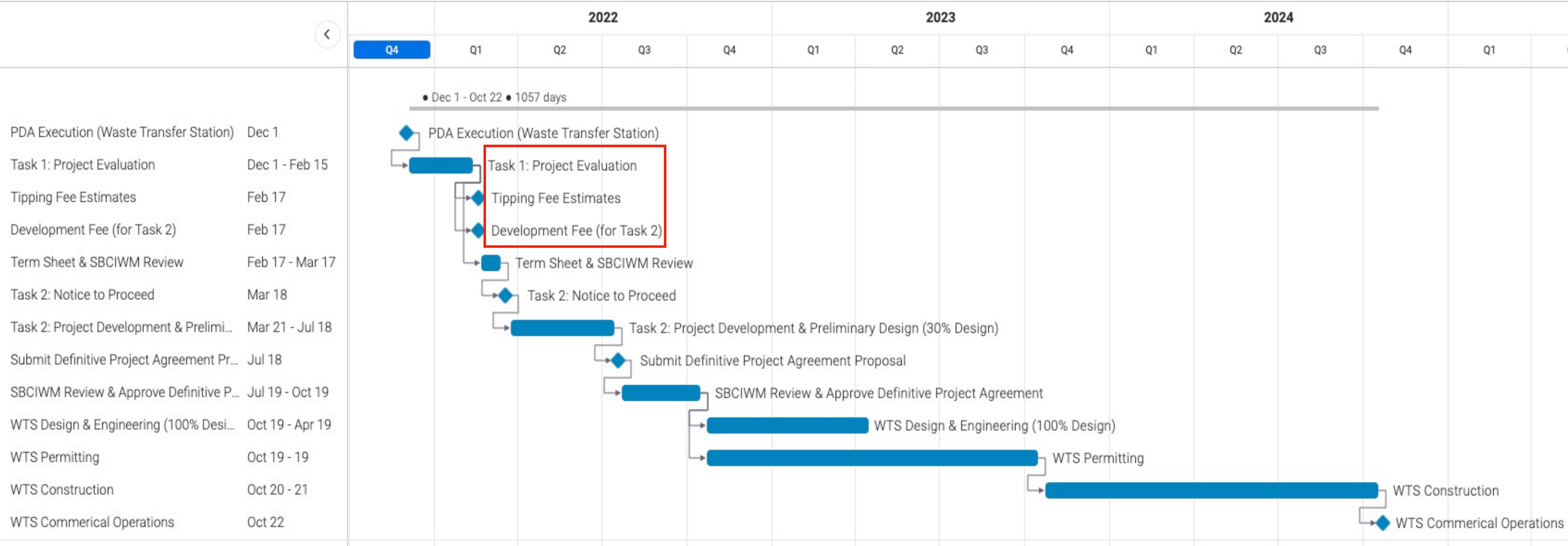


Goal/Benefit	Knowns	Unknowns	SBCIWM Obligations
Consolidate trucking to John Smith Landfill	~63% of waste flow to JSL comes from Santa Clara County	Evaluate the potential rate increase to customers	Mandate non-franchise waste be received at new waste transfer station
Traffic mitigation measure/ease permitting of landfill expansion		Feedstock commitment	Evaluate impacts to existing SBCIWM contracts with Recology and Waste Solutions (WS) revenue stream
Manage diversion of waste flows within SBCIWM		Utility assessment (i.e. power, water, sanitary, etc.)	CEQA lead



Goal/Benefit	Knowns	Data Needs	SBCIWM Obligations
Organics receiving facility			
Anaerobic Digester (AD) to process WWTP biosolids and SSO and generate renewable natural gas (RNG)	Quantity of biosolids generated at Hollister WRF	Waste characterization study/survey of composition of waste flows and the proportion of organics that would prefer to go to an SBCIWM facility	SBCIWM to mandate non-franchise SSO be received at new waste transfer station
Gas upgrading and conditioning facility for LFG and AD Gas	Quantity of organic waste generated at the Hollister industrial WWTP	Market value of digestate from anaerobic digestion processes	Transfer rights to LFG to VICO in exchange for % of revenue from RNG sales
		Estimated landfill gas production/quality <ul style="list-style-type: none"><li>● RIN, LCFS credit value</li><li>● Potential off-takers of gas</li></ul>	CEQA lead







San Benito County Integrated Waste Management Agency

- CEQA lead agency
- Provide market and strategic information to VICO relevant to the EPC and O&M of the SB 1383 proposed infrastructure
- Modify existing SBCIWM ordinances to require that all waste currently received at JSL be redirected to the proposed new waste transfer station
- Execute Project Development Agreement by December 1, 2021 (in advance of March 2022 SB 619 target date)

VICO Infrastructure Company

- Permit applications and regulatory interaction
- Commitment to develop proposed SB 1383 Infrastructure which will include the following:

<b>Phase 1</b> <ul style="list-style-type: none"><li>— Waste transfer station</li><li>— Last chance mercantile</li><li>— Household goods salvage/reuse (e.g., Last Chance Mercantile)</li></ul>	<b>Phase 2</b> <ul style="list-style-type: none"><li>— SSO/WAS processing and receiving</li><li>— Anaerobic digestion (wet, dry, or both)</li><li>— Landfill gas/digester gas conditioning</li><li>— Retail RNG sale or power generation</li></ul>
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- Commitment to operate proposed SB 1383 infrastructure for 30 years after which infrastructure gifted to SBCIWM
- Purchase land to facilitate development of proposed SB 1383 infrastructure
- Include tipping fee sharing mechanism in definitive proposal



SAN BENITO COUNTY  
INTEGRATED WASTE MANAGEMENT  
REGIONAL AGENCY



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VICO is an outcome-driven, sustainable infrastructure company. In partnership with The Carlyle Group, we devote capital towards sustainable infrastructure that delivers positive outcomes for the environment, clients, and investors. We invest in innovative technology and environmentally-friendly practices that reduce water and energy use, promote recycling, and decrease our clients' carbon footprints.

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TEAM OVERVIEW



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